

code	model	description
B0001	Generic	Driver Frontal Stage 1 Deployment Control (Subfault)
B0001	GM	PCM Discrete Input Speed Signal Error
P1102	Acura	MAF Lower Than Expected
P1103	Acura	MAF Higher Than Expected
P1106	Acura	BARO Circuit Range/Performance
P1107	Acura	BARO Circuit Low Input
P1108	Acura	BARO Circuit High Input
P1111	Acura	IAT Sensor Circuit Intermittent High Voltage
P1112	Acura	IAT Sensor Circuit Intermittent Low Voltage
P1114	Acura	ECT Sensor Circuit Intermittent Low Voltage
P1115	Acura	ECT Sensor Circuit Intermittent High Voltage
P1121	Acura	Throttle Position Lower Than Expected
P1122	Acura	Throttle Position Higher Than Expected
P1128	Acura	MAP Lower Than Expected
P1129	Acura	MAP Higher Than Expected
P1133	Acura	HO2S Insufficient Switching (Bank 1 Sensor 1)
P1134	Acura	HO2S Transition Time Ratio (Bank 1 Sensor 1)
P1149	Acura	Primary HO2S (Sensor 1) Circuit Range/Performance Problem
P1153	Acura	HO2S Insufficient Switching (Bank 2 Sensor 1)
P1154	Acura	HO2S Transition Time Ratio (Bank 2 Sensor 1)
P1162	Acura	Primary HO2S (No. 1) Circuit Malfunction
P1163	Acura	Primary HO2S (No. 1) Circuit Slow Response
P1164	Acura	Primary HO2S (No. 1) Circuit Range/Performance
P1165	Acura	Primary HO2S (No. 1) Circuit Range/Performance
P1166	Acura	Primary HO2S (No. 1) Heater System Electrical
P1167	Acura	Primary HO2S (No. 1) Heater System
P1168	Acura	Primary HO2S (No. 1) LABEL Low Input
P1169	Acura	Primary HO2S (No. 1) LABEL High Input
P1171	Acura	Fuel System Lean During Acceleration
P1201	Acura	Cylinder 1 Misfire
P1202	Acura	Cylinder 2 Misfire
P1203	Acura	Cylinder 3 Misfire
P1204	Acura	Cylinder 4 Misfire
P1205	Acura	Cylinder 5 Misfire
P1206	Acura	Cylinder 6 Misfire
P1241	Acura	Throttle Valve Control Motor 1 Circuit
P1242	Acura	Throttle Valve Control Motor 2 Circuit
P1243	Acura	Insufficient Throttle Position Detected
P1244	Acura	Insufficient Closed Throttle Position Detected
P1246	Acura	Accelerator Position Sensor 1 Circuit
P1247	Acura	Accelerator Position Sensor 2 Circuit
P1248	Acura	Accelerator Pedal Position Sensor Correlation Fault
P1253	Acura	VTEC System Malfunction
P1257	Acura	VTEC System Malfunction
P1258	Acura	VTEC System Malfunction
P1259	Acura	VTEC System Malfunction
P1279	Acura	VTEC System Malfunction Front Bank (Bank 2)
P1297	Acura	Electrical Load Detector Circuit Low Input
P1298	Acura	Electrical Load Detector Circuit High Input
P1300	Acura	Multiple Cylinder Misfire Detected
P1301	Acura	Cylinder 1 Misfire
P1302	Acura	Cylinder 2 Misfire
P1303	Acura	Cylinder 3 Misfire
P1304	Acura	Cylinder 4 Misfire
P1305	Acura	Cylinder 5 Misfire
P1306	Acura	Cylinder 6 Misfire
P1316	Acura	Spark Plug Voltage Detection Circuit Malfunction, Front Bank
P1317	Acura	Spark Plug Voltage Detection Circuit Malfunction, Rear Bank
P1318	Acura	Spark Plug Voltage Detection Module Reset Circuit Malfunction, Front Bank
P1319	Acura	Spark Plug Voltage Detection Module Reset Circuit Malfunction, Rear Bank
P1336	Acura	CSF Sensor Intermittent Interruption
P1337	Acura	CSF Sensor No Signal
P1359	Acura	CKP/TDC Sensor Connector Disconnection
P1361	Acura	TDC Sensor Intermittent Interruption
P1362	Acura	TDC Sensor No Signal
P1366	Acura	TDC Sensor No. 2 Intermittent Interruption
P1367	Acura	TDC Sensor No. 2 Signal
P1380	Acura	ABS Rough Road System Fault
P1381	Acura	Cylinder Position Sensor Intermittent Interruption
P1382	Acura	Cylinder Position Sensor No Signal
P1386	Acura	CYP Sensor B Intermittent Interruption
P1387	Acura	CYP Sensor B No Signal
P1390	Acura	G-Sensor Intermittent Low Voltage
P1391	Acura	G-Sensor Performance
P1392	Acura	G-Sensor Low Voltage
P1393	Acura	G-Sensor High Voltage
P1394	Acura	G-Sensor Intermittent High Voltage

P1399	Acura	Random/Multiple Cylinder Misfire Detected
P1404	Acura	EGR Stuck Closed
P1406	Acura	EGR Valve Pintle Position Circuit
P1441	Acura	EVAP System Flow During Non-Purge
P1442	Acura	EVAP Vacuum Switch High Voltage During Ignition On
P1456	Acura	EVAP Emission Control System Leak Detected (Fuel Tank System)
P1459	Acura	EVAP Emission Purge Flow Switch Malfunction
P1486	Acura	Thermostat Range / Performance Problem
P1491	Acura	EGR valve Lift Insufficient Detected
P1498	Acura	EGR Valve Lift Sensor High Voltage
P1508	Acura	IAC Valve Circuit Failure
P1509	Acura	IAC Valve Circuit Failure
P1519	Acura	Idle Air Control Valve Circuit Failure
P1607	Acura	EGM/PGM Internal Circuit Failure A
P1608	Acura	ECM Internal Circuit Failure B
P1618	Acura	Serial Peripheral Interface PCM Interprocessor Communication Error, A/T Only
P1625	Acura	PCM Unexpected Reset
P1640	Acura	Driver 1 Input Voltage High
P1650	Acura	Quad Driver Module A Fault
P1655	Acura	SEA/SEFA/TMA/TMB Signal Line Failure
P1660	Acura	A/T FI Signal A Circuit Failure
P1671	Acura	A/T FI Data Line No Signal
P1672	Acura	A/T FI Data Line Failure
P1676	Acura	Traction Control System FI Data Line No Signal
P1677	Acura	Traction Control System FI Data Line Failure
P1678	Acura	Traction Control System FI Data Line Failure
P1681	Acura	A/T FI Signal A Low Input
P1682	Acura	A/T FI Signal A High Input
P1686	Acura	A/T FI Signal B Low Input
P1687	Acura	A/T FI Signal B High Input
P1690	Acura	Traction Control System STB Line Failure
P1696	Acura	Traction Control Fuel Cut Signal Low Input
P1697	Acura	Traction Control Fuel Cut Signal High Input
P1705	Acura	A/T Concerns
P1706	Acura	A/T Concerns
P1709	Acura	TCM A/T Controller Circuit
P1738	Acura	TCM A/T Controller Circuit
P1739	Acura	TCM A/T Controller Circuit
P1750	Acura	TCM A/T System Fault
P1751	Acura	TCM A/T System Fault
P1753	Acura	A/T Concerns
P1758	Acura	A/T Concerns
P1768	Acura	A/T Concerns
P1773	Acura	TCM A/T Controller Circuit
P1785	Acura	TCM A/T Controller Circuit
P1788	Acura	A/T Concerns
P1790	Acura	TRANS ROM Checksum Error
P1791	Acura	A/T Concerns
P1792	Acura	TRANS EEPROM Checksum Error
P1793	Acura	A/T Concerns
P1795	Acura	A/T Concerns
P1120	Alfa Romeo	Throttle control unit - malfunction
P1172	Alfa Romeo	Long trem fuel trim - at idle
P1173	Alfa Romeo	Long trem fuel trim - at increased engine RPM
P1211	Alfa Romeo	Battery Voltage Incorrect
P1212	Alfa Romeo	Idle Throttle Switch Or Circuit
P1213	Alfa Romeo	Full Throttle Swithc Or Circuit
P1214	Alfa Romeo	Engine Temperature Sensor
P1221	Alfa Romeo	Air Flow Meter Or Circuit
P1222	Alfa Romeo	Idle Adjustment Actuator Or Circuit
P1223	Alfa Romeo	HO2S Regulator Inner Adjuster Reaches Minimum Or Maximum Value of Correction
P1224	Alfa Romeo	Heated Oxygen Sensor
P1225	Alfa Romeo	Air Temperature Sensor
P1243	Alfa Romeo	Fuel Pump Relay Or Circuit
P1244	Alfa Romeo	Purge Control Solenoid Or Circuit
P1245	Alfa Romeo	Output Stage of ECU For Variable Valve Timing
P1251	Alfa Romeo	ECU Faulty
P1265	Alfa Romeo	Output Stage of ECU For Check Engine Lamp
P1325	Alfa Romeo	Engine controlmodule (ECM),knock control - malfunction
P1331	Alfa Romeo	AC compressor clutch relay - signal malfunction
P1511	Alfa Romeo	Idle speed control (ISC) actuator / idle speed control (ISC) actuator position sensor - circuit malfunction
P1512	Alfa Romeo	Idle speed control (ISC) - malfunction
P1513	Alfa Romeo	Idle speed control (ISC) actuator - circuit malfunction
P1531	Alfa Romeo	AC compressor clutch relay - circuit malfunction
P1555	Alfa Romeo	Brake pedal position (BPP) switch - signal malfunction
P1565	Alfa Romeo	Cruise control master switch - signal malfunction
P1653	Alfa Romeo	Camshaft position (CMP) actuator - signal malfunction
P1654	Alfa Romeo	Intake manifold air control solenoid - circuit malfunction

P1662	Alfa Romeo	Cruise control indicator lamp -malfunction
P1690	Alfa Romeo	Fuel shut-off control - malfunction
P1083	BMW	Fuel Control Limit Mixture too Lean (Bank 1 Sensor 1)
P1084	BMW	Fuel Control Limit Mixture too Rich (Bank 1 Sensor 1)
P1085	BMW	Fuel Control Limit Mixture too Lean (Bank 2 Sensor 1)
P1086	BMW	Fuel Control Limit Mixture too Rich (Bank 2 Sensor 1)
P1087	BMW	O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 1)
P1088	BMW	O2 Sensor Circuit Slow Response in Rich Control Range (Bank 1 Sensor 1)
P1089	BMW	O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 2)
P1090	BMW	Pre Catalyst Fuel Trim System too Lean Bank 1
P1091	BMW	Pre Catalyst Fuel Trim System too Rich Bank 1
P1092	BMW	Pre Catalyst Fuel Trim System too Lean Bank 2
P1093	BMW	Pre Catalyst Fuel Trim System too Rich Bank 2
P1094	BMW	O2 Sensor Circuit Slow Response in Rich Control Range (Bank 2 Sensor 1)
P1095	BMW	O2 Sensor Signal Circuit Slow Switching From Lean to Rich (Bank 1 Sensor 1)
P1096	BMW	O2 Sensor Signal Circuit Slow Switching From Lean to Rich (Bank 2 Sensor 1)
P1097	BMW	O2 Sensor Circuit Slow Response after Coast Down Fuel Cut-Off (Bank 1 Sensor 2)
P1098	BMW	O2 Sensor Circuit Slow Response after Coast Down Fuel Cut-Off (Bank 2 Sensor 2)
P1100	BMW	MAF Sensor Input Too High
P1111	BMW	Engine Coolant Temperature Radiator Outlet Sensor Low Input
P1112	BMW	Engine Coolant Temperature Radiator Outlet Sensor High Input
P1115	BMW	Coolant Temperature Sensor Plausibility
P1116	BMW	Mass or Volume Air Flow Circuit Range/Performance Problem (Bank 2)
P1117	BMW	Mass or Volume Air Flow Circuit Low Input (Bank 2)
P1118	BMW	Mass or Volume Air Flow Circuit High Input (Bank 2)
P1120	BMW	Pedal Position Sensor Circuit
P1121	BMW	Pedal Position Sensor 1 Range/Performance Problem
P1122	BMW	Pedal Position Sensor 1 Low Input
P1123	BMW	Pedal Position Sensor 1 High Input
P1130	BMW	HO2S 2 Bank 1 Dynamic Test Failure
P1131	BMW	HO2S 2 Bank 2 Dynamic Test Failure
P1132	BMW	O2 Sensor Heater Control Circuit (Bank 1 Sensor 1)
P1133	BMW	O2 Sensor Heater Control Circuit (Bank 2 Sensor 1)
P1134	BMW	O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 1)
P1135	BMW	O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1)
P1136	BMW	O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1)
P1137	BMW	O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2)
P1138	BMW	O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2)
P1139	BMW	O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2)
P1140	BMW	Mass or Volume Air Flow Circuit Range/Performance Problem
P1143	BMW	HO2S 2 Bank 1 Signal Too High
P1144	BMW	HO2S 2 Bank 1 Signal Too Low
P1145	BMW	Solenoid Valve Running Losses Control Circuit Electrical
P1149	BMW	HO2S 2 Bank 2 Signal Too High
P1150	BMW	HO2S 2 Bank 2 Signal Too Low
P1151	BMW	O2 Sensor Heater Circuit Signal Intermittent (Bank 2 Sensor 1)
P1152	BMW	O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1)
P1153	BMW	O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1)
P1155	BMW	O2 Sensor Heater Circuit Signal Intermittent (Bank 2 Sensor 2)
P1156	BMW	O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 2)
P1157	BMW	O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2)
P1158	BMW	Fuel Trim Adaptation Additive Bank 1 Low
P1159	BMW	Fuel Trim Adaptation Additive Bank 1 High
P1160	BMW	Fuel Trim Adaptation Additive Bank 2 Low
P1161	BMW	Fuel Trim Adaptation Additive Bank 2 High
P1221	BMW	Pedal Position Sensor 2 Range/Performance Problem
P1222	BMW	Pedal Position Sensor 2 Low Input
P1223	BMW	Pedal Position Sensor 2 High Input
P1271	BMW	Ambient Air Pressure Sensor Electrical
P1283	BMW	Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Electrical
P1284	BMW	Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Signal Low
P1285	BMW	Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Signal High
P1287	BMW	Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Electrical
P1288	BMW	Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Signal Low
P1289	BMW	Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Signal High
P1313	BMW	A Camshaft Position Actuator Plausibility
P1315	BMW	CMP Sensor Sensor A Bank1 Signal Malfunction
P1316	BMW	CMP Sensor Sensor A Bank1 Signal Malfunction
P1317	BMW	B Camshaft Position Actuator Plausibility
P1328	BMW	Knock Sensor 2 (Bank 1) High Input
P1329	BMW	Knock Sensor 3 Input Too Low
P1332	BMW	Knock Sensor 4 Low Input
P1333	BMW	Knock Sensor 4 High Input
P1340	BMW	Multiple Cylinder Misfire During Start
P1341	BMW	Multiple Cylinder Misfire with Fuel Cut-Off
P1342	BMW	Misfire During Start Cylinder 1
P1343	BMW	Misfire Cylinder 1 with Fuel Cut-Off
P1345	BMW	Misfire Cylinder 2 with Fuel Cut-Off

P1346	BMW	Misfire During Start Cylinder 3
P1347	BMW	Misfire Cylinder 3 with Fuel Cut-Off
P1349	BMW	Misfire Cylinder 4 with Fuel Cut-Off
P1350	BMW	Misfire during Start Cylinder 5
P1351	BMW	Misfire Cylinder 5 with Fuel Cut-Off
P1352	BMW	Misfire during Start Cylinder 6
P1354	BMW	Misfire during Start Cylinder 7
P1355	BMW	Misfire Cylinder 7 with Fuel Cut-Off
P1356	BMW	Misfire during Start Cylinder 8
P1357	BMW	Misfire Cylinder 8 with Fuel Cut-Off
P1358	BMW	Misfire during Start Cylinder 9
P1359	BMW	Misfire Cylinder 9 with Fuel Cut-Off
P1360	BMW	Misfire during Start Cylinder 10
P1361	BMW	Misfire Cylinder 10 with Fuel Cut-Off
P1362	BMW	Misfire during Start Cylinder 11
P1363	BMW	Misfire Cylinder 11 with Fuel Cut-Off
P1364	BMW	Misfire during Start Cylinder 12
P1365	BMW	Misfire Cylinder 12 with Fuel Cut-Off
P1378	BMW	ECM Bank 2 Knock Control Self-Test Malfunction
P1379	BMW	ECM Bank 2 Knock Control Self-Test Malfunction
P1380	BMW	ECM Bank 2 Knock Control Self-Test Malfunction
P1381	BMW	ECM Bank 1 Knock Control Self-Test Malfunction
P1382	BMW	ECM Bank 1 Knock Control Self-Test Malfunction
P1383	BMW	Ignition Electrical Malfunction
P1384	BMW	Knock Sensor 3 Circuit
P1385	BMW	Knock Sensor 4 Circuit
P1386	BMW	Control Module Self-Test, Knock Control Circuit Baseline Test Bank 1
P1396	BMW	Crankshaft Position Sensor Segment Timing Plausibility
P1397	BMW	Camshaft Position Sensor "B" Circuit (Bank 1)
P1400	BMW	Heated Catalyst Battery Voltage or Current too Low during Heating (Bank 1)
P1401	BMW	Heated Catalyst Current too High during Heating (Bank 1)
P1402	BMW	Heated Catalyst Power Switch Overtemperature Condition (Bank 1)
P1403	BMW	M73: Heated Catalyst Battery Voltage or Current too Low during Heating (Bank 2)
P1403	BMW	Carbon Canister Shut-Off Valve Control Circuit Electrical
P1404	BMW	Heated Catalyst Current too High during Heating (Bank 2)
P1405	BMW	Heated Catalyst Power Switch Overtemperature Condition (Bank 2)
P1406	BMW	Heated Catalyst Internal Control Module Checksum/ROM Error
P1413	BMW	Secondary Air Injection Pump Relay Control Circuit Signal Low
P1414	BMW	Secondary Air Injection Pump Relay Control Circuit Signal High
P1420	BMW	Secondary Air Valve Control Circuit Electrical
P1421	BMW	Secondary Air System Bank 2
P1423	BMW	Secondary Air System Bank 1
P1429	BMW	Diagnostic Module Tank Leakage Heater Malfunction
P1430	BMW	Diagnostic Module Tank Leakage Heater Too Low
P1431	BMW	Diagnostic Module Tank Leakage Heater Too High
P1432	BMW	Secondary Air Injection System Incorrect Flow Detected
P1434	BMW	Diagnostic Module Tank Leakage Malfunction
P1438	BMW	Purge Control Valve Control Open Circuit
P1439	BMW	Purge Control Valve Control Circuit Signal Low
P1440	BMW	Purge Control Valve Control Circuit Signal High
P1441	BMW	Leakage Diagnostic Pump Control Open Circuit
P1442	BMW	Leakage Diagnostic Pump Control Circuit Signal Low
P1443	BMW	Leakage Diagnostic Pump Control Circuit Signal High
P1444	BMW	Diagnostic Module Tank Leakage (DM-TL) Pump Control Open Circuit
P1445	BMW	Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal Low
P1446	BMW	Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal High
P1447	BMW	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too High During Switching Solenoid
P1449	BMW	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too High
P1450	BMW	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Open Circuit
P1451	BMW	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal Low
P1452	BMW	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal High
P1453	BMW	Secondary Air Injection Pump Relay Control Circuit Electrical
P1454	BMW	Secondary Air Injection Pump with Series Resistor Control Circuit Electrical
P1456	BMW	Heated Catalyst Heater Power Supply Open Circuit (Bank 1)
P1457	BMW	Heated Catalyst Power Switch Temperature Sensor Electrical (Bank 1)
P1459	BMW	Heated Catalyst Heater Power Supply Open Circuit (Bank 2)
P1460	BMW	Heated Catalyst Power Switch Temperature Sensor Electrical (Bank 2)
P1461	BMW	Heated Catalyst Gate Voltage Signal Low
P1462	BMW	Heated Catalyst Internal Control Module Checksum/EEPROM Error
P1463	BMW	Heated Catalyst Battery Temperature Sensor 1 Electrical
P1464	BMW	Heated Catalyst Battery Temperature Sensor 2 Electrical
P1465	BMW	Heated Catalyst Battery Temperature Sensor 1 or 2 Plausibility
P1467	BMW	Heated Catalyst Comparison Battery Voltages of Power Switches Plausibility
P1468	BMW	Heated Catalyst Battery Disconnecting Switch Plausibility
P1470	BMW	Leakage Diagnostic Pump Control Circuit Electrical
P1472	BMW	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Electrical
P1473	BMW	Diagnostic Module Tank Leakage (DM-TL) Pump Current Plausibility
P1475	BMW	Leakage Diagnostic Pump Reed Switch Did Not Close

P1476	BMW	Leakage Diagnostic Pump Clamped Tube
P1500	BMW	Idle-Speed Control Valve Stuck Open
P1501	BMW	Idle-Speed Control Valve Stuck Closed
P1502	BMW	Idle-Speed Control Valve Closing Solenoid Control Circuit Signal High
P1503	BMW	Idle-Speed Control Valve Closing Solenoid Control Circuit Signal Low
P1504	BMW	Idle-Speed Control Valve Closing Solenoid Control Open Circuit
P1505	BMW	Idle-Speed Control Valve Closing Solenoid Control Circuit Electrical
P1506	BMW	Idle-Speed Control Valve Opening Solenoid Control Circuit Signal High
P1507	BMW	Idle-Speed Control Valve Opening Solenoid Control Circuit Signal Low
P1508	BMW	Idle-Speed Control Valve Opening Solenoid Control Open Circuit
P1509	BMW	Idle-Speed Control Valve Opening Solenoid Control Circuit Electrical
P1510	BMW	Idle-Speed Control Valve Stuck
P1511	BMW	DISA (Differentiated Intake Manifold) Control Circuit Electrical
P1519	BMW	A Camshaft Position Actuator Bank 1
P1520	BMW	B Camshaft Position Actuator Bank 1
P1522	BMW	A Camshaft Position Actuator Bank 2
P1523	BMW	A Camshaft Position Actuator Signal Low Bank 1
P1524	BMW	A Camshaft Position Actuator Control Circuit Signal High Bank 1
P1525	BMW	A Camshaft Position Actuator Control Open Circuit Bank 1
P1526	BMW	A Camshaft Position Actuator Control Open Circuit Bank 2
P1527	BMW	A Camshaft Position Actuator Control Circuit Signal Low Bank 2
P1528	BMW	A Camshaft Position Actuator Control Circuit Signal High Bank 2
P1529	BMW	B Camshaft Position Actuator Control Circuit Signal Low Bank 1
P1530	BMW	B Camshaft Position Actuator Control Circuit Signal High Bank 1
P1531	BMW	B Camshaft Position Actuator Control Open Circuit Bank 1
P1532	BMW	B Camshaft Position Actuator Control Open Circuit Bank 2
P1533	BMW	B Camshaft Position Actuator Control Circuit Signal Low Bank 2
P1534	BMW	B Camshaft Position Actuator Control Circuit Signal High Bank 2
P1540	BMW	Pedal Position Sensor
P1541	BMW	Pedal Position Sensor Double Error
P1542	BMW	Pedal Position Sensor Electrical
P1543	BMW	Pedal Position Sensor
P1544	BMW	Pedal Position Sensor
P1545	BMW	Pedal Position Sensor
P1550	BMW	Idle-Speed Control Valve Closing Solenoid Control Circuit Electrical
P1552	BMW	A Camshaft Position Actuator Control Open Circuit Bank 1
P1556	BMW	A Camshaft Position Actuator Control Open Circuit Bank 1
P1560	BMW	B Camshaft Position Actuator Control Open Circuit Bank 1
P1564	BMW	Control Module Selection
P1565	BMW	B Camshaft Position Actuator Control Open Circuit Bank 1
P1569	BMW	A Camshaft Position Actuator Control Open Circuit Bank 2
P1573	BMW	Electronic Control Module Sensor Supply B Low Output
P1580	BMW	Throttle Valve Mechanically Stuck
P1589	BMW	Control Module Self-Test, Knock Control Test Pulse Bank 1
P1593	BMW	DISA (Differentiated Intake Manifold) Control Circuit Electrical
P1594	BMW	B Camshaft Position Actuator Control Open Circuit Bank 2
P1602	BMW	Control Module Self-Test, Control Module Defective
P1603	BMW	Control Module Self-Test, Torque Monitoring
P1604	BMW	Control Module Self-Test, Speed Monitoring
P1607	BMW	CAN-Version
P1608	BMW	Serial Communication Link Control Module
P1609	BMW	Serial Communication Link EML (Electronical Engine-Power Regulation)
P1611	BMW	Serial Communication Link Transmission Control Module
P1619	BMW	Map Cooling Thermostat Control Circuit Signal Low
P1620	BMW	Map Cooling Thermostat Control Circuit Signal High
P1622	BMW	Map Cooling Thermostat Control Circuit Electrical
P1623	BMW	Pedal Position Sensor Potentiometer Supply
P1624	BMW	M52: Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature
P1628	BMW	Throttle Valve Actuator Bank 1 Spring Test Malfunction
P1629	BMW	Throttle Valve Actuator Bank 1 Spring Test Malfunction
P1631	BMW	Throttle Valve Actuator Bank 1 Spring Test Malfunction
P1632	BMW	Throttle Valve Adaptation; Adaptation Conditions Not Met
P1633	BMW	Throttle Valve Adaptation; Limp-Home Position Unknown
P1634	BMW	Throttle Valve Adaptation; Spring Test Failed
P1635	BMW	Throttle Valve Adaptation; Lower Mechanical Stop not Adapted
P1636	BMW	Throttle Valve Control Circuit
P1637	BMW	Throttle Valve Position Control; Control Deviation
P1638	BMW	Throttle Valve Position Control; Throttle Stuck Temporarily
P1639	BMW	Throttle Valve Position Control; Throttle Stuck Permanently
P1640	BMW	Internal Control Module (ROM/RAM) Error
P1653	BMW	Transmission Torque Signal Not Correct
P1654	BMW	CAN Data Bus Error (Signal Timeout)
P1663	BMW	Immobilizer Control Module Not Coded Correctly
P1670	BMW	Transmission Intervention Signal Not Correct
P1675	BMW	Throttle Valve Actuator Start Test Adaptation Malfunction
P1690	BMW	Malfunction Indicator Lamp (MIL) Electrical
P1694	BMW	Throttle Valve Actuator Start Test, Spring Test And Limp-Home Position Failure
P1734	BMW	Pressure Control Solenoid "B" Electrical

P1738	BMW	Pressure Control Solenoid "C" Electrical
P1743	BMW	M44/M52: Brake Band Electrical
P1746	BMW	Transmission Control Module Output Stage
P1747	BMW	CAN-Bus Monitoring
P1748	BMW	Transmission Control Module Self-Test
P1750	BMW	Secondary Pressure Solenoid Circuit Range/Performance
P1751	BMW	Secondary Pressure Solenoid Open Circuit
P1761	BMW	Shiftlock Solenoid Malfunction
P1765	BMW	CAN Throttle Valve
P1770	BMW	CAN Torque Interface
P1780	BMW	CAN Torque Reduction
P1000	Chrysler/Dodge/Jeep	Ignition Circuit Low
P1001	Chrysler/Dodge/Jeep	Ignition Circuit Hi
P1004	Chrysler/Dodge/Jeep	ECU Battery Feed & Power Grounds
P1005	Chrysler/Dodge/Jeep	Sys Ground Circuit
P1006	Chrysler/Dodge/Jeep	EGR/EVAP Solenoid Circuit Low
P1007	Chrysler/Dodge/Jeep	EGR/EVAP Solenoid Circuit Hi
P1008	Chrysler/Dodge/Jeep	Power Steering Circuit Low
P1009	Chrysler/Dodge/Jeep	Power Steering Circuit Hi
P1012	Chrysler/Dodge/Jeep	MPA Circuit Low
P1013	Chrysler/Dodge/Jeep	MPA Circuit Hi
P1014	Chrysler/Dodge/Jeep	Fuel Pump Circuit Low
P1015	Chrysler/Dodge/Jeep	Fuel Pump Circuit Hi
P1016	Chrysler/Dodge/Jeep	Charge Air Temp Circuit Low
P1017	Chrysler/Dodge/Jeep	Charge Air Temp Circuit Hi
P1018	Chrysler/Dodge/Jeep	Serial Data Circuit
P1019	Chrysler/Dodge/Jeep	Power Latch Not Set
P1021	Chrysler/Dodge/Jeep	Engine Failed To Start Due To Mechanical,Fuel or Ignition Conditions
P1022	Chrysler/Dodge/Jeep	Starter Relay Circuit Low
P1024	Chrysler/Dodge/Jeep	ECU Start Circuit Low
P1025	Chrysler/Dodge/Jeep	WOT Circuit Low
P1026	Chrysler/Dodge/Jeep	WOT Circuit Hi
P1027	Chrysler/Dodge/Jeep	ECU Sees Wide Open Throttle
P1028	Chrysler/Dodge/Jeep	ECU Does Not See Wide Open Throttle
P1029	Chrysler/Dodge/Jeep	ISA Closed Throttle Circuit Low
P1030	Chrysler/Dodge/Jeep	ISA Closed Throttle Circuit Hi
P1031	Chrysler/Dodge/Jeep	ECU Sees Closed Throttle
P1032	Chrysler/Dodge/Jeep	ECU Does Not See Closed Throttle
P1033	Chrysler/Dodge/Jeep	ISA Circs
P1037	Chrysler/Dodge/Jeep	TP Sens Circuit Reads Low
P1038	Chrysler/Dodge/Jeep	Park / Neutral Line Hi
P1039	Chrysler/Dodge/Jeep	Park / Neutral Line Low
P1040	Chrysler/Dodge/Jeep	Latched B + Line Low
P1041	Chrysler/Dodge/Jeep	Latched B + Line Hi
P1042	Chrysler/Dodge/Jeep	No Latched B + 1/2 Volt Drop
P1043	Chrysler/Dodge/Jeep	Shift Lamp Circuit Grounded
P1044	Chrysler/Dodge/Jeep	D2 - 1 Circuit Low (A/T) or Upshift Lamp Circuit (M/T) or Shift Lamp Circuit Hi
P1045	Chrysler/Dodge/Jeep	Shift Lamp Circuit Open
P1047	Chrysler/Dodge/Jeep	Wrong ECU
P1048	Chrysler/Dodge/Jeep	M/T Vehicle Configuration
P1049	Chrysler/Dodge/Jeep	A/T Vehicle Configuration
P1050	Chrysler/Dodge/Jeep	Idle RPM Low
P1051	Chrysler/Dodge/Jeep	Idle RPM Hi
P1052	Chrysler/Dodge/Jeep	MAP Sens Out Of Limits
P1053	Chrysler/Dodge/Jeep	Change In MAP Reading Out Of Limits
P1054	Chrysler/Dodge/Jeep	Coolant Sens & 5V Supply for TP Sens / MAP Circs Low
P1055	Chrysler/Dodge/Jeep	Coolant Sens Circuit Hi
P1056	Chrysler/Dodge/Jeep	Inactive Coolant Temp Sens
P1059	Chrysler/Dodge/Jeep	A/C Request Circuit Low
P1060	Chrysler/Dodge/Jeep	A/C Request Circuit Hi
P1061	Chrysler/Dodge/Jeep	A/C Select Circuit Low
P1062	Chrysler/Dodge/Jeep	A/C Select Circuit Hi
P1063	Chrysler/Dodge/Jeep	A/C Clutch Circuit Low
P1064	Chrysler/Dodge/Jeep	A/C Clutch Circuit Hi & Power Steering Input
P1068	Chrysler/Dodge/Jeep	Latch Relay Circuit Hi
P1069	Chrysler/Dodge/Jeep	No Tach
P1074	Chrysler/Dodge/Jeep	ECU Does Not See Speed Sens
P1101	Chrysler/Dodge/Jeep	HCM/PCM Communication Performance
P1102	Chrysler/Dodge/Jeep	HEV Stop Request Performance
P1103	Chrysler/Dodge/Jeep	Turbocharger Waste Gate Actuator Malfunction
P1104	Chrysler/Dodge/Jeep	Turbocharger Waste Gate Solenoid Malfunction
P1105	Chrysler/Dodge/Jeep	Barometric Pressure Read Vent Valve Solenoid Circuit
P1106	Chrysler/Dodge/Jeep	Barometric Pressure Read Vent Valve Solenoid Circuit Range/Performance
P1110	Chrysler/Dodge/Jeep	Decreased Engine Performance Due To High Intake Air Temperature
P1115	Chrysler/Dodge/Jeep	General Temperature Rationality
P1120	Chrysler/Dodge/Jeep	Boost Pressure / Throttle Position Sensor Malfunction
P1128	Chrysler/Dodge/Jeep	Closed Loop Fueling Not Achieved - Bank 1
P1129	Chrysler/Dodge/Jeep	Closed Loop Fueling Not Achieved - Bank 2

P1130	Chrysler/Dodge/Jeep	Fuel Rail Pressure Monitoring
P1131	Chrysler/Dodge/Jeep	Fuel Pressure Regulator Valve
P1132	Chrysler/Dodge/Jeep	Fuel Pressure Regulator Offset Rationality
P1135	Chrysler/Dodge/Jeep	O2 Sensor Heater 1/1 Element Resistance Out of Range
P1136	Chrysler/Dodge/Jeep	O2 Sensor Heater 1/2 Element Resistance Out of Range
P1137	Chrysler/Dodge/Jeep	O2 Sensor Heater 1/3 Element Resistance Out of Range
P1138	Chrysler/Dodge/Jeep	O2 Sensor Heater 2/1 Element Resistance Out of Range
P1139	Chrysler/Dodge/Jeep	O2 Sensor Heater 2/2 Element Resistance Out of Range
P1140	Chrysler/Dodge/Jeep	Exhaust Gas Recirculation Throttle Control Circuit Open
P1146	Chrysler/Dodge/Jeep	Fuel Injector Group 1 Supply Voltage Circuit
P1149	Chrysler/Dodge/Jeep	Fuel Injector Group 2 Supply Voltage Circuit
P1160	Chrysler/Dodge/Jeep	Ignition Switch Run / Start Position Circuit
P1180	Chrysler/Dodge/Jeep	Decreased Engine Performance Due To High Injection Pump Fuel Temperature
P1185	Chrysler/Dodge/Jeep	General Pressure Sensor Correlation
P1187	Chrysler/Dodge/Jeep	Inlet Pressure/MAP Correlation
P1188	Chrysler/Dodge/Jeep	Inlet Air Pressure Sensor Circuit Range/Performance
P1189	Chrysler/Dodge/Jeep	Inlet Air Pressure Sensor Circuit Low
P1190	Chrysler/Dodge/Jeep	Inlet Air Pressure Sensor Circuit High
P1192	Chrysler/Dodge/Jeep	IAT Circuit Low
P1193	Chrysler/Dodge/Jeep	IAT Circuit High
P1194	Chrysler/Dodge/Jeep	PWM O2 Heater Relay Performance
P1195	Chrysler/Dodge/Jeep	Slow Switching O2 Sensor Bank One Sensor One During catalyst monitoring
P1196	Chrysler/Dodge/Jeep	Slow Switching O2 Sensor Bank two Sensor one During catalyst monitoring
P1197	Chrysler/Dodge/Jeep	Slow Switching O2 Sensor Bank One Sensor two During catalyst monitoring
P1198	Chrysler/Dodge/Jeep	Radiator Temperature Sensor Input voltage too high
P1199	Chrysler/Dodge/Jeep	Radiator Temperature Sensor Input voltage too low
P1201	Chrysler/Dodge/Jeep	Needle Movement Sensor
P1202	Chrysler/Dodge/Jeep	Fuel System Over Pressure - Stuck Regulator
P1205	Chrysler/Dodge/Jeep	Injector Classification Failure
P1206	Chrysler/Dodge/Jeep	Calculated Injector Voltage Above Threshold
P1207	Chrysler/Dodge/Jeep	Cylinder Head Temperature Sensor Circuit Performance
P1208	Chrysler/Dodge/Jeep	Cylinder Head Temperature Sensor Circuit Low
P1209	Chrysler/Dodge/Jeep	Cylinder Head Temperature Sensor Circuit High
P1210	Chrysler/Dodge/Jeep	Engine Oil Cooler Control Circuit
P1211	Chrysler/Dodge/Jeep	Loss of Engine Coolant Detected
P1220	Chrysler/Dodge/Jeep	Fuel Quantity Actuator
P1225	Chrysler/Dodge/Jeep	Control Sleeve Sensor
P1230	Chrysler/Dodge/Jeep	Timing Governing
P1235	Chrysler/Dodge/Jeep	External Fuel Quantity Access
P1239	Chrysler/Dodge/Jeep	Engine Oil Temperature Too Low
P1240	Chrysler/Dodge/Jeep	CAN Communication Failure
P1241	Chrysler/Dodge/Jeep	CAN Communication Messages Confirmed Missing
P1242	Chrysler/Dodge/Jeep	CAN Communication Messages Missing
P1243	Chrysler/Dodge/Jeep	Turbocharger Surge Valve Solenoid Circuit
P1250	Chrysler/Dodge/Jeep	Vacuum Reservoir Control Circuit Open
P1251	Chrysler/Dodge/Jeep	Vacuum Reservoir Control Circuit Low
P1252	Chrysler/Dodge/Jeep	Vacuum Reservoir Control Circuit High
P1259	Chrysler/Dodge/Jeep	Glow Plug Module Control Over Current
P1260	Chrysler/Dodge/Jeep	Glow Plug 1 Control Circuit Open
P1261	Chrysler/Dodge/Jeep	Glow Plug 1 Control Circuit Low
P1262	Chrysler/Dodge/Jeep	Glow Plug 2 Control Circuit Open
P1263	Chrysler/Dodge/Jeep	Glow Plug 2 Control Circuit Low
P1264	Chrysler/Dodge/Jeep	Glow Plug 3 Control Circuit Open
P1265	Chrysler/Dodge/Jeep	Glow Plug 3 Control Circuit Low
P1266	Chrysler/Dodge/Jeep	Glow Plug 4 Control Circuit Open
P1267	Chrysler/Dodge/Jeep	Glow Plug 4 Control Circuit Low
P1270	Chrysler/Dodge/Jeep	Intake Port Swirl Actuator
P1271	Chrysler/Dodge/Jeep	A/C Clutch Control Circuit 2 Block Reserved - Not Used 02-Sep-2004
P1272	Chrysler/Dodge/Jeep	A/C Clutch Control Circuit 2 Low
P1273	Chrysler/Dodge/Jeep	A/C Clutch Control Circuit 2 High
P1274	Chrysler/Dodge/Jeep	A/C Clutch Control Circuit 2 Open
P1275	Chrysler/Dodge/Jeep	A/C Clutch Control Circuit 2 Overcurrent
P1276	Chrysler/Dodge/Jeep	Starter Control Circuit 2 Block Reserved - Not Used 02-Sep-2004
P1277	Chrysler/Dodge/Jeep	Starter Control Circuit 2 Low
P1278	Chrysler/Dodge/Jeep	Starter Control Circuit 2 High
P1279	Chrysler/Dodge/Jeep	Starter Control Circuit 2 Open
P1280	Chrysler/Dodge/Jeep	Fuel System Relay Control Circuit
P1281	Chrysler/Dodge/Jeep	Engine is cold too long
P1283	Chrysler/Dodge/Jeep	Idle select signal invalid
P1285	Chrysler/Dodge/Jeep	Fuel Injection pump controller always on
P1286	Chrysler/Dodge/Jeep	Accelerator Position Sensor (APPS) supply voltage too high
P1287	Chrysler/Dodge/Jeep	Fuel Injection pump Controller Supply voltage low
P1289	Chrysler/Dodge/Jeep	Manifold tune valve solenoid circuit
P1290	Chrysler/Dodge/Jeep	CNG Fuel system pressure too high
P1291	Chrysler/Dodge/Jeep	No Temp rise seen from intake heaters
P1292	Chrysler/Dodge/Jeep	CNG Pressure sensor voltage too high
P1293	Chrysler/Dodge/Jeep	CNG Pressure sensor voltage too low
P1294	Chrysler/Dodge/Jeep	Target idle not reached

P1295	Chrysler/Dodge/Jeep	No 5 volts to TP sensor
P1296	Chrysler/Dodge/Jeep	No 5 volts to MAP sensor
P1297	Chrysler/Dodge/Jeep	No change in MAP sensor from start to run
P1298	Chrysler/Dodge/Jeep	lean operation at wide-open throttle
P1299	Chrysler/Dodge/Jeep	Vacuum Leak detected (IAC fully seated)
P1300	Chrysler/Dodge/Jeep	Ignition timing adjustment circuit failure
P1388	Chrysler/Dodge/Jeep	Auto shutdown relay control circuit
P1389	Chrysler/Dodge/Jeep	No ASD relay output voltage at PCM
P1390	Chrysler/Dodge/Jeep	Timing belt skipped one tooth or more
P1391	Chrysler/Dodge/Jeep	Intermittent loss of CMP or CKP
P1398	Chrysler/Dodge/Jeep	Misfire Adaptive Numerator at Limit (PCM is unable to learn the crank sensors signal for use in
P1400	Chrysler/Dodge/Jeep	Manifold Differential Pressure Sensor Circuit Malfunction
P1403	Chrysler/Dodge/Jeep	No 5 volt feed to EGR
P1404	Chrysler/Dodge/Jeep	EGR Close Position Performance
P1411	Chrysler/Dodge/Jeep	Cylinder 1 Reactivation Control Performance
P1412	Chrysler/Dodge/Jeep	Cylinder 2 Reactivation Control Performance
P1413	Chrysler/Dodge/Jeep	Cylinder 3 Reactivation Control Performance
P1414	Chrysler/Dodge/Jeep	Cylinder 4 Reactivation Control Performance
P1415	Chrysler/Dodge/Jeep	Cylinder 5 Reactivation Control Performance
P1416	Chrysler/Dodge/Jeep	Cylinder 6 Reactivation Control Performance
P1417	Chrysler/Dodge/Jeep	Cylinder 7 Reactivation Control Performance
P1418	Chrysler/Dodge/Jeep	Cylinder 8 Reactivation Control Performance
P1420	Chrysler/Dodge/Jeep	Register Resonant Charging 1 (RRC1)
P1425	Chrysler/Dodge/Jeep	Register Resonant Charging 2 (RRC2)
P1443	Chrysler/Dodge/Jeep	EVAP Purge Control Solenoid 2 Circuit
P1450	Chrysler/Dodge/Jeep	EGR Throttle Governor
P1451	Chrysler/Dodge/Jeep	Diesel Particulate Filter System Performance
P1452	Chrysler/Dodge/Jeep	Differential Pressure Sensor Hose Performance
P1453	Chrysler/Dodge/Jeep	Differential Pressure Sensor Hose Blocked
P1454	Chrysler/Dodge/Jeep	Differential Pressure Sensor Flow Too High
P1462	Chrysler/Dodge/Jeep	Fuel Level Output Circuit Low
P1463	Chrysler/Dodge/Jeep	Fuel Level Output Circuit High
P1470	Chrysler/Dodge/Jeep	Leak Detect Pump Pressure Switch Low
P1471	Chrysler/Dodge/Jeep	Leak Detect Pump Pressure Switch High
P1472	Chrysler/Dodge/Jeep	Leak Detect Pump Solenoid Circuit Low
P1473	Chrysler/Dodge/Jeep	Leak Detect Pump Solenoid Circuit High
P1474	Chrysler/Dodge/Jeep	Leak Detect Pump Solenoid Circuit Open
P1475	Chrysler/Dodge/Jeep	Auxiliary 5 volt supply is too high
P1476	Chrysler/Dodge/Jeep	Low Secondary Air Flow
P1477	Chrysler/Dodge/Jeep	High Secondary Air Flow
P1478	Chrysler/Dodge/Jeep	Battery Temp Sensor Volts out of limit
P1479	Chrysler/Dodge/Jeep	Transmission Fan Relay Circuit
P1480	Chrysler/Dodge/Jeep	PCV Solenoid Circuit
P1481	Chrysler/Dodge/Jeep	EATX (Electronic Automatic Transaxle) RPM pulse generator performance
P1482	Chrysler/Dodge/Jeep	Catalyst Temperature Sensor Circuit shorted low
P1483	Chrysler/Dodge/Jeep	Catalyst Temperature Sensor Circuit shorted high
P1484	Chrysler/Dodge/Jeep	Catalytic Converter overheat detected
P1485	Chrysler/Dodge/Jeep	Air injection solenoid circuit
P1486	Chrysler/Dodge/Jeep	EVAP Leak Monitor found a pinched hose
P1487	Chrysler/Dodge/Jeep	Hi Speed Fan #2 Circuit
P1488	Chrysler/Dodge/Jeep	Auxiliary 5 volt supply output is too low
P1489	Chrysler/Dodge/Jeep	High speed fan control relay circuit
P1490	Chrysler/Dodge/Jeep	Low speed fan control relay circuit
P1492	Chrysler/Dodge/Jeep	Ambient/ Battery Temp sensor input voltage too high
P1493	Chrysler/Dodge/Jeep	Ambient/ Battery Temp sensor input voltage too low
P1494	Chrysler/Dodge/Jeep	Leak detection pump pressure switch or mechanical fault
P1495	Chrysler/Dodge/Jeep	Leak detection pump solenoid circuit
P1496	Chrysler/Dodge/Jeep	5 volt supply, output too low
P1498	Chrysler/Dodge/Jeep	High speed radiator fan ground control relay circuit
P1499	Chrysler/Dodge/Jeep	Hydraulic Fan Solenoid Ckt
P1500	Chrysler/Dodge/Jeep	General alternator "FR" Terminal circuit fault
P1501	Chrysler/Dodge/Jeep	Vehicle Speed Sensor 1/2 Correlation - Drive Wheels
P1502	Chrysler/Dodge/Jeep	Vehicle Speed Sensor 1/2 Correlation - Non-Drive Wheels
P1503	Chrysler/Dodge/Jeep	Speed Sensor Correlation
P1505	Chrysler/Dodge/Jeep	Vehicle Speed Output Circuit High
P1510	Chrysler/Dodge/Jeep	Battery Temperature Sensor
P1511	Chrysler/Dodge/Jeep	Battery Sense Line 1
P1512	Chrysler/Dodge/Jeep	Battery Sense Line 2
P1513	Chrysler/Dodge/Jeep	Starter Request Switch Stuck
P1515	Chrysler/Dodge/Jeep	Accelerator Pedal Sensor
P1518	Chrysler/Dodge/Jeep	Cruise Control Front Distance Sensor Lens Dirty SAE TEMP
P1519	Chrysler/Dodge/Jeep	Cruise Control Front Distance Sensor Lens Cracked/Missing SAE TEMP
P1520	Chrysler/Dodge/Jeep	Cruise Mux Switches (invalid voltage)
P1521	Chrysler/Dodge/Jeep	Incorrect Engine Oil Type
P1525	Chrysler/Dodge/Jeep	Defrost Sensor
P1530	Chrysler/Dodge/Jeep	Ignition Run/Start Sense Circuit Performance
P1535	Chrysler/Dodge/Jeep	Fuel Pressure Regulator Current Control
P1536	Chrysler/Dodge/Jeep	Alternator Exciting Current

P1572	Chrysler/Dodge/Jeep	Brake Pedal Stuck On
P1573	Chrysler/Dodge/Jeep	Brake Pedal Stuck Off
P1593	Chrysler/Dodge/Jeep	Speed Control Multiplexed Switch 1 / 2 Stuck
P1594	Chrysler/Dodge/Jeep	Charging system voltage too high
P1595	Chrysler/Dodge/Jeep	Speed control solenoid circuits
P1596	Chrysler/Dodge/Jeep	Speed control switch always high
P1597	Chrysler/Dodge/Jeep	Speed control switch always low
P1598	Chrysler/Dodge/Jeep	A/C pressure sensor input voltage too high
P1599	Chrysler/Dodge/Jeep	A/C pressure sensor input voltage too low
P1600	Chrysler/Dodge/Jeep	Serial Communication Link Malfunction
P1601	Chrysler/Dodge/Jeep	Internal TCM Computer Error
P1602	Chrysler/Dodge/Jeep	PCM Not Programmed
P1603	Chrysler/Dodge/Jeep	PCM Internal Dual-Port RAM Communication Failure
P1604	Chrysler/Dodge/Jeep	PCM Internal Dual-Port RAM Read/Write Integrity Failure
P1605	Chrysler/Dodge/Jeep	Ignition Switch
P1606	Chrysler/Dodge/Jeep	After Run
P1607	Chrysler/Dodge/Jeep	PCM Internal Shutdown Timer Rationality
P1608	Chrysler/Dodge/Jeep	Analog / Digital Converter
P1609	Chrysler/Dodge/Jeep	TLE Powerstage Failure
P1610	Chrysler/Dodge/Jeep	Voltage Regulator
P1611	Chrysler/Dodge/Jeep	Pump Element Shut-Off
P1612	Chrysler/Dodge/Jeep	Maximum Governor Speed Deviation - Fuel Limiting
P1614	Chrysler/Dodge/Jeep	ECU Reset/Recovery Occurred
P1615	Chrysler/Dodge/Jeep	Microcontroller Error
P1616	Chrysler/Dodge/Jeep	5V Output Reference Voltage 1 Low
P1617	Chrysler/Dodge/Jeep	5V Output Reference Voltage 1 High
P1618	Chrysler/Dodge/Jeep	5V Output Reference Voltage 1 Noisy Signal, or Sensor Reference Voltage 1 Erratic
P1619	Chrysler/Dodge/Jeep	Engine Crank Without Request
P1620	Chrysler/Dodge/Jeep	2.5 V Reference Voltage
P1621	Chrysler/Dodge/Jeep	5V Output Reference Voltage 1
P1622	Chrysler/Dodge/Jeep	5V Output Reference Voltage 2
P1623	Chrysler/Dodge/Jeep	ASD Relay/Control De-Energize Too Soon
P1624	Chrysler/Dodge/Jeep	ASD Relay/Control De-Energize Too Long
P1625	Chrysler/Dodge/Jeep	Main Relay
P1626	Chrysler/Dodge/Jeep	5V Output Reference Voltage 2 Low
P1628	Chrysler/Dodge/Jeep	5V Output Reference Voltage 2 Noisy Signal, or Sensor Reference Voltage 2 Erratic
P1629	Chrysler/Dodge/Jeep	TCM Internal: Solenoid Supply/Watchdog
P1630	Chrysler/Dodge/Jeep	Solenoid Valve Controller / Fuel Cooler Motor
P1631	Chrysler/Dodge/Jeep	TCM Internal - Processor Clock Performance
P1632	Chrysler/Dodge/Jeep	TCM Internal - Test Internal Watchdog Performance
P1633	Chrysler/Dodge/Jeep	TCM Internal - Test External Watchdog Performance
P1634	Chrysler/Dodge/Jeep	TCM Internal - Internal Watchdog Performance
P1635	Chrysler/Dodge/Jeep	Glow Plug Relay
P1636	Chrysler/Dodge/Jeep	TCM Internal - External Watchdog Performance
P1637	Chrysler/Dodge/Jeep	TCM Internal - EEPROM Performance
P1638	Chrysler/Dodge/Jeep	TCM Internal - CAN 1 RAM Performance
P1639	Chrysler/Dodge/Jeep	TCM Internal - CAN 2 RAM Performance
P1640	Chrysler/Dodge/Jeep	Glow Plug Auxiliary Relay
P1641	Chrysler/Dodge/Jeep	Cabin Heater 1
P1642	Chrysler/Dodge/Jeep	Cabin Heater 2
P1643	Chrysler/Dodge/Jeep	Viscous Cabin Heater
P1644	Chrysler/Dodge/Jeep	Incorrect Variant/Configuration
P1645	Chrysler/Dodge/Jeep	Wait to Start Lamp (glow plug display)
P1646	Chrysler/Dodge/Jeep	Hydraulic Cooling Fan Control Circuit Low
P1647	Chrysler/Dodge/Jeep	Hydraulic Cooling Fan Control Circuit High
P1648	Chrysler/Dodge/Jeep	Glow Plug Module Internal
P1649	Chrysler/Dodge/Jeep	Glow Plug Module Power Supply Circuit
P1650	Chrysler/Dodge/Jeep	Diagnostic (Check Engine) Lamp
P1651	Chrysler/Dodge/Jeep	MIL/Diagnostic Lamp via J1850 Bus
P1652	Chrysler/Dodge/Jeep	J1850 Communication Bus
P1653	Chrysler/Dodge/Jeep	J1850 Communication Bus Circuit Low
P1654	Chrysler/Dodge/Jeep	J1850 Communication Bus Circuit High
P1655	Chrysler/Dodge/Jeep	A/C Clutch Relay
P1656	Chrysler/Dodge/Jeep	J1850 Communication Bus Busy / Not Available
P1657	Chrysler/Dodge/Jeep	J1850 Communication Bus Invalid IFR Received
P1660	Chrysler/Dodge/Jeep	Emergency Stop Fuel Shut-Off Solenoid
P1661	Chrysler/Dodge/Jeep	Sensor Ground Reference Circuit
P1666	Chrysler/Dodge/Jeep	Cruise Control Module Internal
P1668	Chrysler/Dodge/Jeep	ETC TPS 1 x 4 Performance - ECU Internal
P1669	Chrysler/Dodge/Jeep	ETC A2D Ground Performance - ECU Internal
P1670	Chrysler/Dodge/Jeep	Torque Curve Calibration
P1671	Chrysler/Dodge/Jeep	Fuel Rail Pressure Sensor Supply
P1672	Chrysler/Dodge/Jeep	Accelerator Pedal Sensor Supply
P1673	Chrysler/Dodge/Jeep	Boost Pressure Sensor Supply
P1674	Chrysler/Dodge/Jeep	Mass Air Flow Sensor Supply
P1675	Chrysler/Dodge/Jeep	Smart Start Relay
P1678	Chrysler/Dodge/Jeep	ECU Sensor Adjustment Required
P1679	Chrysler/Dodge/Jeep	Calibration Not Learned

P1680	Chrysler/Dodge/Jeep	Clutch released switch circuit
P1681	Chrysler/Dodge/Jeep	No I/P Cluster CCD/ J1850 messages received
P1682	Chrysler/Dodge/Jeep	Charging system voltage too low
P1683	Chrysler/Dodge/Jeep	Speed control servo power control circuit
P1684	Chrysler/Dodge/Jeep	The battery has been disconnected within the last 50 starts
P1685	Chrysler/Dodge/Jeep	The SKIM (Smart Key Immobilizer Module) has received an invalid key
P1686	Chrysler/Dodge/Jeep	No SKIM (Smart Key Immobilizer Module) bus message received
P1687	Chrysler/Dodge/Jeep	No Mechanical Instrument cluster bus message
P1688	Chrysler/Dodge/Jeep	Internal Fuel injection pump controller failure
P1689	Chrysler/Dodge/Jeep	No communication between the ECM and injection pump module
P1690	Chrysler/Dodge/Jeep	Fuel injection pump CKP sensor does not agree with the ECM CKP sensor
P1691	Chrysler/Dodge/Jeep	Fuel injection pump controller calibration error
P1692	Chrysler/Dodge/Jeep	Fault in companion Engine control module
P1693	Chrysler/Dodge/Jeep	A companion DTC was set in both the ECM and PCM
P1694	Chrysler/Dodge/Jeep	No CCD message from PCM- Aisin transmission
P1695	Chrysler/Dodge/Jeep	No CCD message from body control module
P1696	Chrysler/Dodge/Jeep	PCM failure EEPROM write denied
P1697	Chrysler/Dodge/Jeep	PCM Failure SRI (Service Reminder Indicator) mileage not stored
P1698	Chrysler/Dodge/Jeep	No CCD message from TCM
P1699	Chrysler/Dodge/Jeep	No Climate Control Bus Messages
P1701	Chrysler/Dodge/Jeep	Electronic Throttle Control System (MIL Request) (RESERVED for HAL Z.)
P1703	Chrysler/Dodge/Jeep	Brake Switch
P1704	Chrysler/Dodge/Jeep	Input Speed Sensor 1 Overspeed
P1705	Chrysler/Dodge/Jeep	Input Speed Sensor 2 Overspeed
P1707	Chrysler/Dodge/Jeep	TCM Overtemp/Overvoltage Powerdown Activated
P1708	Chrysler/Dodge/Jeep	Transmission Range Actuator Unable To Shift
P1709	Chrysler/Dodge/Jeep	Transmission Range Actuator Position Not Achieved
P1710	Chrysler/Dodge/Jeep	Incorrect Transmission Clutch Applied - Test 1
P1711	Chrysler/Dodge/Jeep	Incorrect Transmission Clutch Applied - Test 2
P1712	Chrysler/Dodge/Jeep	Transmission Solenoids Current Performance
P1713	Chrysler/Dodge/Jeep	Restricted Manual Valve in T2 Range
P1714	Chrysler/Dodge/Jeep	Low Battery Voltage
P1715	Chrysler/Dodge/Jeep	PG Assembly Malfunction
P1716	Chrysler/Dodge/Jeep	No Communication with the ECU
P1717	Chrysler/Dodge/Jeep	No Communication with the MIC
P1718	Chrysler/Dodge/Jeep	EEPROM Integrity Failure
P1719	Chrysler/Dodge/Jeep	Skip shift solenoid circuit
P1721	Chrysler/Dodge/Jeep	Line Pressure Sensor Circuit (old)
P1722	Chrysler/Dodge/Jeep	Line Pressure Low (old)
P1723	Chrysler/Dodge/Jeep	Lock Up / Select Control Circuit
P1724	Chrysler/Dodge/Jeep	Line Pressure High (old)
P1725	Chrysler/Dodge/Jeep	Inductive Auxiliary Speed Sensor
P1726	Chrysler/Dodge/Jeep	UD Hydraulic Pressure Switch Circuit
P1727	Chrysler/Dodge/Jeep	4C Hydraulic Pressure Switch Circuit
P1728	Chrysler/Dodge/Jeep	2C Hydraulic Pressure Switch Circuit
P1729	Chrysler/Dodge/Jeep	Transmission Ratio Control Circuit
P1730	Chrysler/Dodge/Jeep	Brake Primary Switch
P1731	Chrysler/Dodge/Jeep	Incorrect Gear Engaged
P1732	Chrysler/Dodge/Jeep	UD Pressure Switch Check
P1733	Chrysler/Dodge/Jeep	4C Pressure Switch Check
P1734	Chrysler/Dodge/Jeep	2C Pressure Switch Check
P1735	Chrysler/Dodge/Jeep	Inadequate Element Volume 4C (old)
P1736	Chrysler/Dodge/Jeep	2nd Gear Incorrect Ratio
P1737	Chrysler/Dodge/Jeep	FS/LR Solenoid Circuit Error
P1738	Chrysler/Dodge/Jeep	High Temperature Operation Activated (trans overheat)
P1739	Chrysler/Dodge/Jeep	Power-Up at Speed
P1740	Chrysler/Dodge/Jeep	TCC solenoid or overdrive solenoid performance
P1741	Chrysler/Dodge/Jeep	Gear Ratio Error in 4 Prime
P1742	Chrysler/Dodge/Jeep	ROM Checksum Failure
P1743	Chrysler/Dodge/Jeep	RAM Integrity Failure
P1744	Chrysler/Dodge/Jeep	Torque Converter Lock-Up-Clutch Heat Control
P1745	Chrysler/Dodge/Jeep	Transmission Line Pressure Too High for Too Long
P1748	Chrysler/Dodge/Jeep	Pressure Control Solenoid "B" Electrical
P1749	Chrysler/Dodge/Jeep	Transmission Throttle Valve Position Sensor Circuit Low
P1750	Chrysler/Dodge/Jeep	Solenoid Assembly Malfunction
P1751	Chrysler/Dodge/Jeep	Transmission Throttle Valve Position Sensor Minimum Range Performance
P1752	Chrysler/Dodge/Jeep	Transmission Throttle Valve Span Performance
P1753	Chrysler/Dodge/Jeep	Transmission Throttle Valve Mechanical Performance
P1754	Chrysler/Dodge/Jeep	Transmission Throttle Valve Actuator Stuck
P1755	Chrysler/Dodge/Jeep	Transmission Throttle Valve Control Circuit
P1756	Chrysler/Dodge/Jeep	Governor pressure not equal to target at 15-20 psi
P1757	Chrysler/Dodge/Jeep	Governor pressure is above 3 PSI when 0 PSI is requested
P1758	Chrysler/Dodge/Jeep	Transmission Throttle Valve Actuator Overcurrent
P1762	Chrysler/Dodge/Jeep	Governor pressure sensor offset improper voltage
P1763	Chrysler/Dodge/Jeep	Governor pressure sensor voltage to high
P1765	Chrysler/Dodge/Jeep	Transmission 12 volt supply relay control circuit
P1766	Chrysler/Dodge/Jeep	Transmission Relay Stuck Off
P1767	Chrysler/Dodge/Jeep	Relay always on (relay contacts are welded closed)

P1768	Chrysler/Dodge/Jeep	Relay always off (relays are stuck open)
P1770	Chrysler/Dodge/Jeep	LR inadequate element volume: LR, 2-4, OD
P1771	Chrysler/Dodge/Jeep	LR inadequate element volume: LR, 2-4, OD
P1772	Chrysler/Dodge/Jeep	LR inadequate element volume: LR, 2-4, OD
P1773	Chrysler/Dodge/Jeep	Inadequate Element Volume UD (old)
P1775	Chrysler/Dodge/Jeep	Solenoid switch valve latched in the LU position
P1776	Chrysler/Dodge/Jeep	Solenoid switch valve latched in the LR position
P1780	Chrysler/Dodge/Jeep	Pressure switch circuit: ALL
P1781	Chrysler/Dodge/Jeep	Pressure switch circuit: OD
P1782	Chrysler/Dodge/Jeep	Pressure switch circuit: 2-4
P1783	Chrysler/Dodge/Jeep	Pressure switch circuit: 2-4/OD
P1784	Chrysler/Dodge/Jeep	Pressure switch circuit: LR
P1785	Chrysler/Dodge/Jeep	Pressure switch circuit: LR/OD
P1786	Chrysler/Dodge/Jeep	Pressure switch circuit: LR/2-4
P1787	Chrysler/Dodge/Jeep	Hydraulic Pressure Switch: OD
P1788	Chrysler/Dodge/Jeep	Hydraulic Pressure Switch: 2-4
P1789	Chrysler/Dodge/Jeep	Hydraulic Pressure Switch: OD/2-4
P1790	Chrysler/Dodge/Jeep	Fault immediately after a shift
P1791	Chrysler/Dodge/Jeep	ECT Level Input Circuit
P1792	Chrysler/Dodge/Jeep	Battery power was disconnected since last power down
P1793	Chrysler/Dodge/Jeep	TRD link communication error
P1794	Chrysler/Dodge/Jeep	Speeds error: Speed sensor ground
P1795	Chrysler/Dodge/Jeep	Internal control module
P1796	Chrysler/Dodge/Jeep	Check Autostick Input Circuit
P1797	Chrysler/Dodge/Jeep	Manual Shift Overheat
P1798	Chrysler/Dodge/Jeep	Worn or burnt transmission fluid
P1799	Chrysler/Dodge/Jeep	Calculated oil temperature in use.
P1830	Chrysler/Dodge/Jeep	Clutch Pedal Switch Over-ride Relay Circuit
P1854	Chrysler/Dodge/Jeep	Throttle Inlet Pressure / Baro Out of Range
P1899	Chrysler/Dodge/Jeep	Park/ Neutral switch stuck in park or gear
P1100	Citroen/Peugeot	MAF Sensor Intermittent/Check of all OBDII Systems Not Complete
P1101	Citroen/Peugeot	MAF Sensor Out Of Self Test Range
P1102	Citroen/Peugeot	MAF Sensor In Range But Lower Than Expected
P1103	Citroen/Peugeot	MAF Sensor In Range But Higher Than Expected
P1104	Citroen/Peugeot	MAF Ground Malfunction
P1105	Citroen/Peugeot	Dual Alternator Upper Fault
P1106	Citroen/Peugeot	Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
P1107	Citroen/Peugeot	Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
P1108	Citroen/Peugeot	Dual Alternator Battery Lamp Circuit Malfunction
P1109	Citroen/Peugeot	IAT - B Sensor Intermittent
P1110	Citroen/Peugeot	IAT Sensor (D/C) Open/Short
P1111	Citroen/Peugeot	Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage
P1112	Citroen/Peugeot	Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage
P1113	Citroen/Peugeot	IAT Sensor Open/Short
P1114	Citroen/Peugeot	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT - B Circuit Low Input
P1115	Citroen/Peugeot	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT - B Circuit High Input
P1116	Citroen/Peugeot	Engine Coolant sensor out of range/ECT Sensor Out Of Self Test Range
P1117	Citroen/Peugeot	Engine Coolant Sensor intermittent/ECT Sensor Intermittent
P1118	Citroen/Peugeot	Manifold Absolute Temperature Circuit Low Input
P1119	Citroen/Peugeot	Manifold Absolute Temperature Circuit High Input
P1120	Citroen/Peugeot	Throttle position sensor out of range
P1121	Citroen/Peugeot	Throttle Position (TP) Sensor Circuit Intermittent High Voltage
P1122	Citroen/Peugeot	Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
P1123	Citroen/Peugeot	Throttle Position Sensor In Range But Higher Than Expected
P1124	Citroen/Peugeot	Throttle Position Sensor Out Of Self Test Range
P1125	Citroen/Peugeot	Throttle position sensor intermittent
P1126	Citroen/Peugeot	Throttle Position (Narrow Range) Sensor Circuit Malfunction
P1127	Citroen/Peugeot	Exhaust Not Warm, Downstream O2 Sensor
P1128	Citroen/Peugeot	Upstream Heated O2 Sensors Swapped
P1129	Citroen/Peugeot	Downstream Heated O2 Sensors Swapped
P1130	Citroen/Peugeot	Lack Of HO2S Switch - Adaptive Fuel At Limit
P1131	Citroen/Peugeot	Lack Of HO2S Switch - Sensor Indicates Lean
P1132	Citroen/Peugeot	Lack Of HO2S Switch - Sensor Indicates Rich
P1133	Citroen/Peugeot	HO2S Insufficient Switching Sensor 1
P1134	Citroen/Peugeot	HO2S Transition Time Ratio Sensor 1
P1135	Citroen/Peugeot	Pedal Position Sensor A Circuit Intermittent
P1136	Citroen/Peugeot	Fan Control Circuit Malfunction
P1137	Citroen/Peugeot	Lack Of HO2S Switch - Sensor Indicates Lean
P1138	Citroen/Peugeot	Lack Of HO2S12 Switch - Sensor Indicates Rich
P1139	Citroen/Peugeot	Water In Fuel Indicator Circuit Malfunction
P1140	Citroen/Peugeot	Water In Fuel Condition
P1141	Citroen/Peugeot	Fuel Restriction Indicator Circuit Malfunction
P1142	Citroen/Peugeot	Fuel Restriction Condition
P1143	Citroen/Peugeot	Air Assist Control Valve Range/Performance
P1144	Citroen/Peugeot	Air Assist Control Valve Circuit Malfunction
P1150	Citroen/Peugeot	Lack Of HO2S21 Switch - Adaptive Fuel At Limit
P1151	Citroen/Peugeot	Lack Of HO2S21 Switch - Sensor Indicates Lean
P1152	Citroen/Peugeot	Lack Of HO2S21 Switch - Sensor Indicates Rich

P1153	Citroen/Peugeot	Bank 2 Fuel Control Shifted Lean
P1154	Citroen/Peugeot	Bank 2 Fuel Control Shifted Rich
P1155	Citroen/Peugeot	Alternative Fuel Controller
P1156	Citroen/Peugeot	Fuel Select Switch Malfunction
P1157	Citroen/Peugeot	Lack Of HO2S22 Switch - Sensor Indicates Lean
P1158	Citroen/Peugeot	Lack Of HO2S22 Switch - Sensor Indicates Rich
P1159	Citroen/Peugeot	Fuel Stepper Motor Malfunction
P1167	Citroen/Peugeot	Invalid Test,throttle not depressed
P1168	Citroen/Peugeot	Fuel Rail Sensor In-Range Low Failure
P1169	Citroen/Peugeot	Fuel Rail Sensor In-Range High Failure
P1170	Citroen/Peugeot	ESO - Engine Shut Off Solenoid Fault
P1171	Citroen/Peugeot	Rotor Sensor Fault
P1172	Citroen/Peugeot	Rotor Control Fault
P1173	Citroen/Peugeot	Rotor Calibration Fault
P1174	Citroen/Peugeot	Cam Sensor Fault
P1175	Citroen/Peugeot	Cam Control Fault
P1176	Citroen/Peugeot	Cam Calibration Fault
P1177	Citroen/Peugeot	Synchronization Fault
P1178	Citroen/Peugeot	(open)
P1180	Citroen/Peugeot	Fuel Delivery System Malfunction - Low
P1181	Citroen/Peugeot	Fuel Delivery System Malfunction - High
P1182	Citroen/Peugeot	Fuel Shut Off Solenoid Malfunction
P1183	Citroen/Peugeot	Engine Oil Temperature Circuit Malfunction
P1184	Citroen/Peugeot	Engine Oil Temperature Out Of Self Test Range
P1185	Citroen/Peugeot	FTS High - Fuel Pump Temperature Sensor High
P1186	Citroen/Peugeot	FTS Low - Fuel Pump Temperature Sensor Low
P1187	Citroen/Peugeot	Variant Selection
P1188	Citroen/Peugeot	Calibration Memory Fault
P1189	Citroen/Peugeot	Pump Speed Signal Fault
P1190	Citroen/Peugeot	Calibration Resistor Out Of Range
P1191	Citroen/Peugeot	Key Line Voltage
P1192	Citroen/Peugeot	Voltage External
P1193	Citroen/Peugeot	EGR Drive Overcurrent
P1194	Citroen/Peugeot	ECU A/D Converter
P1195	Citroen/Peugeot	SCP HBCC Failed To Initialize
P1196	Citroen/Peugeot	Key Off Voltage High
P1197	Citroen/Peugeot	Key Off Voltage Low
P1198	Citroen/Peugeot	Pump Rotor Control Underfueling
P1199	Citroen/Peugeot	Fuel Level Input Circuit Low
P1200	Citroen/Peugeot	Injector Control Circuit
P1201	Citroen/Peugeot	Injector Circuit Open / Shorted - Cylinder #1
P1202	Citroen/Peugeot	Injector Circuit Open / Shorted - Cylinder #2
P1203	Citroen/Peugeot	Injector Circuit Open / Shorted - Cylinder #3
P1204	Citroen/Peugeot	Injector Circuit Open / Shorted - Cylinder #4
P1205	Citroen/Peugeot	Injector Circuit Open / Shorted - Cylinder #5
P1206	Citroen/Peugeot	Injector Circuit Open / Shorted - Cylinder #6
P1209	Citroen/Peugeot	Injector Control Pressure System Fault
P1210	Citroen/Peugeot	Injector Control Pressure Above Expected Level
P1211	Citroen/Peugeot	Injector Control Pressure Sensor Above / Below Desired
P1212	Citroen/Peugeot	Injector Control Pressure Not Detected During Crank
P1213	Citroen/Peugeot	Start Injector Circuit Malfunction
P1214	Citroen/Peugeot	Pedal Position Sensor B Circuit Intermittent
P1215	Citroen/Peugeot	Pedal Position Sensor C Circuit Low Input
P1216	Citroen/Peugeot	Pedal Position Sensor C Circuit High Input
P1217	Citroen/Peugeot	Pedal Position Sensor C Circuit Intermittent
P1218	Citroen/Peugeot	CID High
P1219	Citroen/Peugeot	CID Low
P1220	Citroen/Peugeot	Series Throttle Control System Malfunction
P1221	Citroen/Peugeot	Traction Control System Malfunction
P1222	Citroen/Peugeot	Traction Control Output Circuit Malfunction
P1223	Citroen/Peugeot	Pedal Demand Sensor B Circuit High Input
P1224	Citroen/Peugeot	Throttle Position Sensor B Out Of Self Test Range
P1225	Citroen/Peugeot	Needle Lift Sensor Malfunction
P1226	Citroen/Peugeot	Control Sleeve Sensor Malfunction
P1227	Citroen/Peugeot	Wastegate Failed Closed (Over Pressure)
P1228	Citroen/Peugeot	Wastegate Failed Open (Under Pressure)
P1229	Citroen/Peugeot	Intercooler Pump Driver Fault
P1230	Citroen/Peugeot	Fuel Pump Low Speed Malfunction
P1231	Citroen/Peugeot	Fuel Pump Secondary Circuit Low, High Speed
P1232	Citroen/Peugeot	Fuel Pump Speed Primary Circuit Malfunction
P1233	Citroen/Peugeot	Fuel Pump Driver Module Off Line
P1234	Citroen/Peugeot	Fuel Pump Driver Module Off Line
P1235	Citroen/Peugeot	Fuel Pump Control Out Of Range
P1236	Citroen/Peugeot	Fuel Pump Control Out Of Range
P1237	Citroen/Peugeot	Fuel Pump Secondary Circuit Malfunction
P1238	Citroen/Peugeot	Fuel Pump Secondary Circuit Malfunction
P1239	Citroen/Peugeot	Speed Fuel Pump Positive Feed Fault
P1240	Citroen/Peugeot	Sensor Power Supply Malfunction

P1241	Citroen/Peugeot	Sensor Power Supply Low Input
P1242	Citroen/Peugeot	Sensor Power Supply High Input
P1243	Citroen/Peugeot	Second Fuel Pump Faulty or Ground Fault
P1244	Citroen/Peugeot	Alternator Load Input Failed High
P1245	Citroen/Peugeot	Alternator Load Input Failed Low
P1246	Citroen/Peugeot	Alternator Load Input Failed
P1247	Citroen/Peugeot	Turbo Boost Pressure Low
P1248	Citroen/Peugeot	Turbo Boost Pressure Not Detected
P1249	Citroen/Peugeot	Wastegate Control Valve Performance
P1250	Citroen/Peugeot	PRC Solenoid Circuit Malfunction
P1251	Citroen/Peugeot	Air Mixture Solenoid Circuit Malfunction
P1252	Citroen/Peugeot	Pedal Correlation PDS1 and LPDS High
P1253	Citroen/Peugeot	Pedal Correlation PDS1 and LPDS Low
P1254	Citroen/Peugeot	Pedal Correlation PDS2 and LPDS High
P1255	Citroen/Peugeot	Pedal Correlation PDS2 and LPDS Low
P1256	Citroen/Peugeot	Pedal Correlation PDS1 and HPDS
P1257	Citroen/Peugeot	Pedal Correlation PDS2 and HPDS
P1258	Citroen/Peugeot	Pedal Correlation PDS1 and PDS2
P1259	Citroen/Peugeot	Immobilizer to PCM Signal Error
P1260	Citroen/Peugeot	THEFT Detected, Vehicle Immobilized
P1261	Citroen/Peugeot	Cylinder #1 High To Low Side Short
P1262	Citroen/Peugeot	Cylinder #2 High To Low Side Short
P1263	Citroen/Peugeot	Cylinder #3 High To Low Side Short
P1264	Citroen/Peugeot	Cylinder #4 High To Low Side Short
P1265	Citroen/Peugeot	Cylinder #5 High To Low Side Short
P1266	Citroen/Peugeot	Cylinder #6 High To Low Side Short
P1267	Citroen/Peugeot	Cylinder #7 High To Low Side Short
P1268	Citroen/Peugeot	Cylinder #8 High To Low Side Short
P1269	Citroen/Peugeot	Immobilizer Code Not Programmed
P1270	Citroen/Peugeot	Engine RPM Or Speed Limiter Reached
P1271	Citroen/Peugeot	Cylinder #1 High To Low Side Open
P1272	Citroen/Peugeot	Cylinder #2 High To Low Side Open
P1273	Citroen/Peugeot	Cylinder #3 High To Low Side Open
P1274	Citroen/Peugeot	Cylinder #4 High To Low Side Open
P1275	Citroen/Peugeot	Cylinder #5 High To Low Side Open
P1276	Citroen/Peugeot	Cylinder #6 High To Low Side Open
P1277	Citroen/Peugeot	Cylinder #7 High To Low Side Open
P1278	Citroen/Peugeot	Cylinder #8 High To Low Side Open
P1280	Citroen/Peugeot	Injection Control Pressure Out Of Range Low
P1281	Citroen/Peugeot	Injection Control Pressure Out Of Range High
P1282	Citroen/Peugeot	Excessive Injection Control Pressure
P1283	Citroen/Peugeot	IPR Circuit Failure
P1284	Citroen/Peugeot	Aborted KOER - ICP Failure
P1285	Citroen/Peugeot	Cylinder head over temp sensed
P1286	Citroen/Peugeot	Fuel Pulse In Range But Lower Than Expected
P1287	Citroen/Peugeot	Fuel Pulse In Range But Higher Than Expected
P1288	Citroen/Peugeot	Cylinder Head Temp Sensor Out Of Self Test Range
P1289	Citroen/Peugeot	Cylinder Head Temp Sensor High Input
P1290	Citroen/Peugeot	Cylinder Head Temp Sensor Low Input
P1291	Citroen/Peugeot	Injector High Side Short To GND Or VBATT - Bank 1
P1292	Citroen/Peugeot	Injector High Side Short To GND Or VBATT - Bank 2
P1293	Citroen/Peugeot	Injector High Side Open - Bank 1
P1294	Citroen/Peugeot	Injector High Side Open - Bank 2/Target idle not reached
P1295	Citroen/Peugeot	Multi-faults - Bank 1 - With Low Side Shorts
P1296	Citroen/Peugeot	Multi-faults - Bank 2 - With Low Side Shorts
P1297	Citroen/Peugeot	Injector High Sides Shorted Together
P1298	Citroen/Peugeot	IDM Failure
P1299	Citroen/Peugeot	Cylinder Head Overtemperature Protection Active
P1300	Citroen/Peugeot	Boost Calibration Fault
P1301	Citroen/Peugeot	Boost Calibration High
P1302	Citroen/Peugeot	Boost Calibration Low
P1303	Citroen/Peugeot	EGR Calibration Fault
P1304	Citroen/Peugeot	EGR Calibration High
P1305	Citroen/Peugeot	EGR Calibration Low
P1306	Citroen/Peugeot	Kickdown Relay Pull - In Circuit Fault
P1307	Citroen/Peugeot	Kickdown Relay Hold Circuit Fault
P1308	Citroen/Peugeot	A/C Clutch Circuit Fault
P1309	Citroen/Peugeot	Misfire Monitor AICE Chip Fault
P1313	Citroen/Peugeot	Misfire Rate Catalyst Damage Fault - Bank 1
P1314	Citroen/Peugeot	Misfire Rate Catalyst Damage Fault - Bank 2
P1315	Citroen/Peugeot	Persistent Misfire
P1316	Citroen/Peugeot	Injector Circuit / IDM Codes Detected
P1317	Citroen/Peugeot	Injector Circuit / IDM Codes Not Updated
P1336	Citroen/Peugeot	Crank / Cam Sensor Range / Performance
P1340	Citroen/Peugeot	Camshaft Position Sensor B Circuit Malfunction
P1341	Citroen/Peugeot	Camshaft Position Sensor B Range / Performance
P1345	Citroen/Peugeot	SGC (Cam Position) Sensor Circuit Malfunction/ Crankshaft Position - Camshaft Position Correlation
P1346	Citroen/Peugeot	Fuel Level Sensor B Circuit Malfunction

P1347	Citroen/Peugeot	Fuel Level Sensor B Range / Performance
P1348	Citroen/Peugeot	Fuel Level Sensor B Circuit Low
P1349	Citroen/Peugeot	Fuel Level Sensor B Circuit High
P1350	Citroen/Peugeot	Fuel Level Sensor B Intermittent/Bypass Line Monitor
P1351	Citroen/Peugeot	IDM Input Circuit Malfunction/ Ignition Coil Control Circuit High Voltage
P1352	Citroen/Peugeot	Ignition Coil A Primary Circuit Malfunction
P1353	Citroen/Peugeot	Ignition Coil B Primary Circuit Malfunction
P1354	Citroen/Peugeot	Ignition Coil C Primary Circuit Malfunction
P1355	Citroen/Peugeot	Ignition Coil D Primary Circuit Malfunction
P1360	Citroen/Peugeot	Ignition Coil A Secondary Circuit Malfunction
P1361	Citroen/Peugeot	Ignition Control (IC) Circuit Low Voltage
P1362	Citroen/Peugeot	Ignition Coil C Secondary Circuit Malfunction
P1363	Citroen/Peugeot	Ignition Coil D Secondary Circuit Malfunction
P1364	Citroen/Peugeot	Ignition Coil Primary Circuit Failure
P1365	Citroen/Peugeot	Ignition Coil Secondary Circuit Failure
P1366	Citroen/Peugeot	Ignition Spare
P1367	Citroen/Peugeot	Ignition Spare
P1368	Citroen/Peugeot	Ignition Spare
P1369	Citroen/Peugeot	Engine Temperature Light Monitor Failure
P1370	Citroen/Peugeot	Insufficient RMP Increase During Spark Test
P1371	Citroen/Peugeot	Ignition Coil - Cylinder 1 - Early Activation Fault
P1372	Citroen/Peugeot	Ignition Coil - Cylinder 2 - Early Activation Fault
P1373	Citroen/Peugeot	Ignition Coil - Cylinder 3 - Early Activation Fault
P1374	Citroen/Peugeot	Crankshaft Position (CKP)/Ignition Coil - Cylinder 4 - Early Activation Fault
P1375	Citroen/Peugeot	Ignition Coil - Cylinder 5 - Early Activation Fault
P1376	Citroen/Peugeot	Ignition Coil - Cylinder 6 - Early Activation Fault
P1380	Citroen/Peugeot	Misfire Detected - Rough Road Data Not Available
P1381	Citroen/Peugeot	Variable Cam Timing Overadvanced (Bank #1)/ Misfire Detected - No Communication with BCM
P1382	Citroen/Peugeot	Variable Cam Timing Solenoid #1 Circuit Malfunction
P1383	Citroen/Peugeot	Variable Cam Timing Overretarded (Bank #1)
P1384	Citroen/Peugeot	VVT Solenoid A Malfunction
P1385	Citroen/Peugeot	Variable Cam Timing Solenoid B Malfunction
P1386	Citroen/Peugeot	Variable Cam Timing Overadvanced (Bank #2)
P1387	Citroen/Peugeot	Variable Cam Timing Solenoid #2 Circuit Malfunction
P1388	Citroen/Peugeot	Variable Cam Timing Overretarded (Bank #2)
P1389	Citroen/Peugeot	Glow Plug Circuit High Side Low Input
P1390	Citroen/Peugeot	Octane Adjust Pin Out Of Self Test Range
P1391	Citroen/Peugeot	Glow Plug Circuit Low Input (Bank #1)
P1392	Citroen/Peugeot	Glow Plug Circuit High Input (Bank #1)
P1393	Citroen/Peugeot	Glow Plug Circuit Low Input (Bank #2)
P1394	Citroen/Peugeot	Glow Plug Circuit High Input (Bank #2)
P1395	Citroen/Peugeot	Glow Plug Monitor Fault (Bank #1)
P1396	Citroen/Peugeot	Glow Plug Monitor Fault (Bank #2)
P1397	Citroen/Peugeot	System Voltage Out Of Self Test Range
P1398	Citroen/Peugeot	VVT Solenoid B Circuit High Input
P1399	Citroen/Peugeot	Glow Plug Circuit High Side, High Input
P1400	Citroen/Peugeot	DPFE Circuit Low Input
P1401	Citroen/Peugeot	DPFE Circuit High Input
P1402	Citroen/Peugeot	EGR Metering Orifice Restricted
P1403	Citroen/Peugeot	DPFE Sensor Hoses Reversed
P1404	Citroen/Peugeot	IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance
P1405	Citroen/Peugeot	DPFE Sensor Upstream Hose Off Or Plugged
P1406	Citroen/Peugeot	Exhaust Gas Recirculation (EGR) Position Sensor Performance
P1407	Citroen/Peugeot	EGR No Flow Detected
P1408	Citroen/Peugeot	EGR Flow Out Of Self Test Range
P1409	Citroen/Peugeot	EVR Control Circuit Malfunction
P1411	Citroen/Peugeot	SAI System Incorrect Downstream Flow Detected
P1413	Citroen/Peugeot	SAI System Monitor Circuit Low Input
P1414	Citroen/Peugeot	SAI System Monitor Circuit High Input
P1415	Citroen/Peugeot	Air Pump Circuit Malfunction/ (AIR) System Bank 1
P1416	Citroen/Peugeot	Port Air Circuit Malfunction/ (AIR) System Bank 2
P1417	Citroen/Peugeot	Port Air Relief Circuit Malfunction
P1418	Citroen/Peugeot	Split Air #1 Circuit Malfunction
P1419	Citroen/Peugeot	Split Air #2 Circuit Malfunction
P1420	Citroen/Peugeot	Catalyst Temperature Sensor Failure
P1421	Citroen/Peugeot	Catalyst Damage
P1422	Citroen/Peugeot	EGI Temperature Sensor Failure
P1423	Citroen/Peugeot	EGI Functionality Test Failed
P1424	Citroen/Peugeot	EGI Glow Plug Primary Failure
P1425	Citroen/Peugeot	EGI Glow Plug Secondary Failure
P1426	Citroen/Peugeot	EGI Mini - MAF Failed Out Of Range
P1427	Citroen/Peugeot	EGI Mini - MAF Failed Short Circuit
P1428	Citroen/Peugeot	EGI Mini - MAF Failed Open Circuit
P1429	Citroen/Peugeot	Electric Air Pump Primary Failure
P1430	Citroen/Peugeot	Electric Air Pump Secondary Failure
P1433	Citroen/Peugeot	A/C Refrigerant Temperature Circuit Low
P1434	Citroen/Peugeot	A/C Refrigerant Temperature Circuit High
P1435	Citroen/Peugeot	A/C Refrigerant Temperature Circuit Range/Performance

P1436	Citroen/Peugeot	A/C Evaporator Air Temperature Circuit Low
P1437	Citroen/Peugeot	A/C Evaporator Air Temperature Circuit High
P1438	Citroen/Peugeot	A/C Evaporator Air Temperature Circuit Range/Performance
P1439	Citroen/Peugeot	Floor Temperature Switch Circuit Malfunction
P1440	Citroen/Peugeot	Purge Valve Stuck Open
P1441	Citroen/Peugeot	Evaporative Emission (EVAP) System Flow During Non-Purge
P1442	Citroen/Peugeot	Evaporative Emission Control System Leak Detected
P1443	Citroen/Peugeot	Evaporative Emission Control System Control Valve
P1444	Citroen/Peugeot	Purge Flow Sensor Circuit Low Input
P1445	Citroen/Peugeot	Purge Flow Sensor Circuit High Input
P1446	Citroen/Peugeot	Evaporative Vac Solenoid Circuit Malfunction
P1447	Citroen/Peugeot	ELC System Closure Valve Flow Fault
P1448	Citroen/Peugeot	ELC System 2 Fault
P1449	Citroen/Peugeot	Evaporative Check Solenoid Circuit Malfunction
P1450	Citroen/Peugeot	Unable To Bleed Up Fuel Tank Vacuum
P1451	Citroen/Peugeot	Evap Emission Control Sys Vent Control Valve Circuit
P1452	Citroen/Peugeot	Unable To Bleed - Up Vacuum in Tank
P1453	Citroen/Peugeot	Fuel Tank Pressure Relief Valve Malfunction
P1454	Citroen/Peugeot	Evaporative System Vacuum Test Malfunction
P1455	Citroen/Peugeot	Evap Emission Control Sys Leak Detected (Gross Leak/No Flow)
P1456	Citroen/Peugeot	Fuel Tank Temperature Sensor Circuit Malfunction
P1457	Citroen/Peugeot	Unable To Pull Vacuum In Tank
P1460	Citroen/Peugeot	Wide open throttle A/C cutoff relay circuit
P1461	Citroen/Peugeot	A/C pressure sensor circuit voltage low
P1462	Citroen/Peugeot	A/C pressure sensor circuit voltage high
P1463	Citroen/Peugeot	A/C Pressure Sensor Insufficient Pressure Change
P1464	Citroen/Peugeot	A/C Demand Out of Self Test Range
P1465	Citroen/Peugeot	A/C Relay Circuit Malfunction
P1466	Citroen/Peugeot	A/C Refrigerant Temperature Sensor/Circuit Malfunction
P1467	Citroen/Peugeot	A/C Compressor Temperature Sensor Malfunction
P1468	Citroen/Peugeot	SSPOD Open Circuit or Closed Circuit Fault
P1469	Citroen/Peugeot	Low A/C Cycling Period
P1470	Citroen/Peugeot	A/C Cycling Period Too Short
P1471	Citroen/Peugeot	Electrodrive Fan 1 Operational Failure (Driver Side)
P1472	Citroen/Peugeot	Electrodrive Fan 2 Operational Failure (Passenger Side)
P1473	Citroen/Peugeot	Fan Secondary High With Fan(s) Off
P1474	Citroen/Peugeot	Low Fan Control Primary Circuit Malfunction
P1475	Citroen/Peugeot	Fan Relay (Low) Circuit Malfunction
P1476	Citroen/Peugeot	Fan Relay (High) Circuit Malfunction
P1477	Citroen/Peugeot	Additional Fan Relay Circuit Malfunction
P1478	Citroen/Peugeot	Cooling Fan Driver Fault
P1479	Citroen/Peugeot	High Fan Control Primary Circuit Malfunction
P1480	Citroen/Peugeot	Fan Secondary Low with Low Fan On
P1481	Citroen/Peugeot	Fan Secondary Low With High Fan On
P1482	Citroen/Peugeot	SCP
P1483	Citroen/Peugeot	Power To Fan Circuit Overcurrent
P1484	Citroen/Peugeot	Open Power To Ground VCRM
P1485	Citroen/Peugeot	EGRV Circuit Malfunction
P1486	Citroen/Peugeot	EGRA Circuit Malfunction
P1487	Citroen/Peugeot	EGRCHK Solenoid Circuit Malfunction
P1490	Citroen/Peugeot	Secondary Air Relief Solenoid Circuit Malfunction
P1491	Citroen/Peugeot	Secondary Switch Solenoid Circuit Malfunction
P1492	Citroen/Peugeot	APLSOL Solenoid Circuit Malfunction
P1493	Citroen/Peugeot	RCNT Solenoid Circuit Malfunction
P1494	Citroen/Peugeot	SPCUT Solenoid Circuit Malfunction
P1495	Citroen/Peugeot	TCSPL Solenoid Circuit Malfunction
P1500	Citroen/Peugeot	Vehicle Speed Sensor Intermittent
P1501	Citroen/Peugeot	Vehicle Speed Sensor Out Of Self Test Range
P1502	Citroen/Peugeot	Vehicle Speed Sensor Intermittent Malfunction
P1503	Citroen/Peugeot	Auxillary Speed Sensor Fault
P1504	Citroen/Peugeot	Idle Air Control Circuit Malfunction
P1505	Citroen/Peugeot	Idle Air Control System At Adaptive Clip
P1506	Citroen/Peugeot	Idle Air Control Overspeed Error
P1507	Citroen/Peugeot	Idle Air Control Underspeed Error
P1508	Citroen/Peugeot	Idle Control System Circuit Open
P1509	Citroen/Peugeot	Idle Control System Circuit Shorted
P1510	Citroen/Peugeot	Idle Signal Circuit Malfunction
P1511	Citroen/Peugeot	Idle Switch (Electric Control Throttle) Circuit Malfunction
P1512	Citroen/Peugeot	Intake Manifold Runner Control (Bank 1) Stuck Closed
P1513	Citroen/Peugeot	Intake Manifold Runner Control (Bank 2) Stuck Closed
P1514	Citroen/Peugeot	High Load Neutral/Drive Fault
P1515	Citroen/Peugeot	Electric Current Circuit Malfunction
P1516	Citroen/Peugeot	IMRC Input Error (Bank 1)
P1517	Citroen/Peugeot	IMRC Input Error (Bank 2)
P1518	Citroen/Peugeot	Intake Manifold Runner Control (Stuck Open)
P1519	Citroen/Peugeot	Intake Manifold Runner Control (Stuck Closed)
P1520	Citroen/Peugeot	Intake Manifold Runner Control Circuit Malfunction
P1521	Citroen/Peugeot	Variable Intake Solenoid #1 Circuit Malfunction

P1522	Citroen/Peugeot	Variable Intake Solenoid #2 Circuit Malfunction
P1523	Citroen/Peugeot	IVC Solenoid Circuit Malfunction
P1524	Citroen/Peugeot	Variable Intake Solenoid System
P1525	Citroen/Peugeot	Air Bypass Valve System
P1526	Citroen/Peugeot	Air Bypass System
P1527	Citroen/Peugeot	Accelerate Warmup Solenoid Circuit Malfunction
P1528	Citroen/Peugeot	Subsidiary Throttle Valve Solenoid Circuit Malfunction
P1529	Citroen/Peugeot	SCAIR Solenoid Circuit Malfunction
P1530	Citroen/Peugeot	A/C Clutch Circuit Malfunction
P1531	Citroen/Peugeot	Invalid Test - Accelerator Pedal Movement
P1532	Citroen/Peugeot	IMCC Circuit Malfunction, Bank B
P1533	Citroen/Peugeot	AAI Circuit Malfunction
P1534	Citroen/Peugeot	Inertia Switch Activated
P1535	Citroen/Peugeot	Blower Fan Speed Circuit Range/Performance
P1536	Citroen/Peugeot	Parking Brake Switch Circuit Failure
P1537	Citroen/Peugeot	Intake Manifold Runner Control (Bank 1) Stuck Open
P1538	Citroen/Peugeot	Intake Manifold Runner Control (Bank 2) Stuck Open
P1539	Citroen/Peugeot	Power To A/C Clutch Circuit Overcurrent
P1540	Citroen/Peugeot	Air Bypass Valve Circuit Malfunction
P1549	Citroen/Peugeot	IMCC Circuit Malfunction, Bank B
P1550	Citroen/Peugeot	PSPS Out Of Self Test Range
P1565	Citroen/Peugeot	Speed Control Command Switch Out of Range High
P1566	Citroen/Peugeot	Speed Control Command Switch Out of Range Low
P1567	Citroen/Peugeot	Speed Control Output Circuit Continuity
P1568	Citroen/Peugeot	Speed Control Unable to Hold Speed
P1571	Citroen/Peugeot	Brake Switch Malfunction
P1572	Citroen/Peugeot	Brake Pedal Switch Circuit Malfunction
P1573	Citroen/Peugeot	Throttle Position Not Available
P1574	Citroen/Peugeot	Throttle Position Sensor Disagreement btwn Sensors
P1575	Citroen/Peugeot	Pedal Position Out of Self Test Range
P1576	Citroen/Peugeot	Pedal Position Not Available
P1577	Citroen/Peugeot	Pedal Position Sensor Disagreement btwn Sensors
P1578	Citroen/Peugeot	ETC Power Less Than Demand
P1579	Citroen/Peugeot	ETC In Power Limiting Mode
P1580	Citroen/Peugeot	Electronic Throttle Monitor PCM Override
P1581	Citroen/Peugeot	Electronic Throttle Monitor Malfunction
P1582	Citroen/Peugeot	Electronic Throttle Monitor Data Available
P1583	Citroen/Peugeot	Electronic Throttle Monitor Cruise Disable
P1584	Citroen/Peugeot	TCU Detected IPE Circuit Malfunction
P1585	Citroen/Peugeot	Throttle Control Unit Malfunction
P1586	Citroen/Peugeot	Throttle Control Unit Throttle Position Malfunction
P1587	Citroen/Peugeot	Throttle Control Unit Modulated Command Malfunction
P1588	Citroen/Peugeot	Throttle Control Unit Detected Loss of Return Spring
P1589	Citroen/Peugeot	TCU Unable To Control Desired Throttle Angle
P1600	Citroen/Peugeot	Loss of KAM Power; Open Circuit
P1601	Citroen/Peugeot	ECM/TCM Serial Communication Error
P1602	Citroen/Peugeot	Immobilizer/ECM Communication Error
P1603	Citroen/Peugeot	EEPROM Malfunction
P1604	Citroen/Peugeot	Code Word Unregistered
P1605	Citroen/Peugeot	Keep Alive Memory Test Failure
P1606	Citroen/Peugeot	ECM Control Relay O/P Circuit Malfunction
P1607	Citroen/Peugeot	MIL O/P Circuit Malfunction
P1608	Citroen/Peugeot	Internal ECM Malfunction
P1609	Citroen/Peugeot	Diagnostic Lamp Driver Fault
P1610	Citroen/Peugeot	SBDS Interactive Codes
P1611	Citroen/Peugeot	SBDS Interactive Codes
P1612	Citroen/Peugeot	SBDS Interactive Codes
P1613	Citroen/Peugeot	SBDS Interactive Codes
P1614	Citroen/Peugeot	SBDS Interactive Codes
P1615	Citroen/Peugeot	SBDS Interactive Codes
P1616	Citroen/Peugeot	SBDS Interactive Codes
P1617	Citroen/Peugeot	SBDS Interactive Codes
P1618	Citroen/Peugeot	SBDS Interactive Codes
P1619	Citroen/Peugeot	SBDS Interactive Codes
P1620	Citroen/Peugeot	SBDS Interactive Codes
P1621	Citroen/Peugeot	Control Module Long Term Memory Performance/ Immobilizer Code Words Do Not Match
P1622	Citroen/Peugeot	Immobilizer ID Does Not Match
P1623	Citroen/Peugeot	Immobilizer Code Word/ID Number Write Failure
P1624	Citroen/Peugeot	Anti Theft System
P1625	Citroen/Peugeot	B+ Supply To VCRM Fan Circuit Malfunction
P1626	Citroen/Peugeot	Theft Deterrent Fuel Enable Signal Not Received/ B+ Supply To VCRM A/C Circuit Malfunction
P1627	Citroen/Peugeot	Module Supply Voltage Out Of Range
P1628	Citroen/Peugeot	Module Ignition Supply Input Malfunction
P1629	Citroen/Peugeot	Internal Voltage Regulator Malfunction
P1630	Citroen/Peugeot	Internal Vref Malfunction
P1631	Citroen/Peugeot	Theft Deterrent Start Enable Signal Not Correct/ Main Relay Malfunction (Power Hold)
P1632	Citroen/Peugeot	Smart Alternator Faults Sensor/Circuit Malfunction
P1633	Citroen/Peugeot	KAM Voltage Too Low

P1634	Citroen/Peugeot	Data Output Link Circuit Failure
P1635	Citroen/Peugeot	Tire / Axle Ratio Out of Acceptable Range
P1636	Citroen/Peugeot	Inductive Signature Chip Communication Error
P1637	Citroen/Peugeot	Can Link ECM/ABSCM Circuit / Network Malfunction
P1638	Citroen/Peugeot	Can Link ECM/INSTM Circuit / Network Malfunction
P1639	Citroen/Peugeot	Vehicle ID Block Corrupted or Not Programmed
P1640	Citroen/Peugeot	Powertrain DTCs Available in Another Module
P1641	Citroen/Peugeot	Fuel Pump Primary Circuit Failure
P1642	Citroen/Peugeot	Fuel Pump Monitor Circuit High Input
P1643	Citroen/Peugeot	Fuel Pump Monitor Circuit Low Input
P1644	Citroen/Peugeot	Fuel Pump Speed Control Circuit Malfunction
P1645	Citroen/Peugeot	Fuel Pump Resistor Switch Circuit Malfunction
P1650	Citroen/Peugeot	PSP Switch Out of Self Test Range
P1651	Citroen/Peugeot	PSP Switch Input Malfunction
P1652	Citroen/Peugeot	IAC Monitor Disabled by PSP Switch Failed On
P1653	Citroen/Peugeot	Power Steering Output Circuit Malfunction
P1654	Citroen/Peugeot	Recirculation Override Circuit Malfunction
P1655	Citroen/Peugeot	Starter Disable Circuit Malfunction
P1660	Citroen/Peugeot	Output Circuit Check Signal High
P1661	Citroen/Peugeot	Output Circuit Check Signal Low
P1662	Citroen/Peugeot	IDM_EN Circuit Failure
P1663	Citroen/Peugeot	Fuel Demand Command Signal Circuit Malfunction
P1667	Citroen/Peugeot	CI Circuit Malfunction
P1668	Citroen/Peugeot	PCM - IDM Communications Error
P1670	Citroen/Peugeot	Electronic Feedback Signal Not Detected
P1680	Citroen/Peugeot	Metering Oil Pump Malfunction
P1681	Citroen/Peugeot	Metering Oil Pump Malfunction
P1682	Citroen/Peugeot	Metering Oil Pump Malfunction
P1683	Citroen/Peugeot	Metering Oil Pump Temperature Sensor Circuit Malfunction
P1684	Citroen/Peugeot	Metering Oil Pump Position Sensor Circuit Malfunction
P1685	Citroen/Peugeot	Metering Oil Pump Stepping Motor Circuit Malfunction
P1686	Citroen/Peugeot	Metering Oil Pump Stepping Motor Circuit Malfunction
P1687	Citroen/Peugeot	Metering Oil Pump Stepping Motor Circuit Malfunction
P1688	Citroen/Peugeot	Metering Oil Pump Stepping Motor Circuit Malfunction
P1689	Citroen/Peugeot	Oil Pressure Control Solenoid Circuit Malfunction
P1690	Citroen/Peugeot	Wastegate Solenoid Circuit Malfunction
P1691	Citroen/Peugeot	Turbo Pressure Control Solenoid Circuit Malfunction
P1692	Citroen/Peugeot	Turbo Control Solenoid Circuit Malfunction
P1693	Citroen/Peugeot	Turbo Charge Control Circuit Malfunction
P1694	Citroen/Peugeot	Turbo Charge Relief Circuit Malfunction
P1700	Citroen/Peugeot	Transmission Indeterminate Failure (Failed to Neutral)
P1701	Citroen/Peugeot	Reverse Engagement Error
P1702	Citroen/Peugeot	TRS Circuit Intermittent Malfunction
P1703	Citroen/Peugeot	Brake Switch Out Of Self Test Range
P1704	Citroen/Peugeot	Digital TRS Failed to Transition States in KOEO / KOER
P1705	Citroen/Peugeot	Not in P or N During KOEO / KOER
P1706	Citroen/Peugeot	High Vehicle Speed Observed in Park
P1707	Citroen/Peugeot	Transfer Case Neutral Indicator Hard Fault Present
P1708	Citroen/Peugeot	Clutch Switch Circuit Malfunction
P1709	Citroen/Peugeot	PNP Switch Out Of Self Test Range
P1711	Citroen/Peugeot	TFT Sensor Out Of Self Test Range
P1712	Citroen/Peugeot	Trans Torque Reduction Request Signal Malfunction
P1713	Citroen/Peugeot	TFT Sensor In Range Failure Low Value
P1714	Citroen/Peugeot	SSA Inductive Signature Malfunction
P1715	Citroen/Peugeot	SSB Inductive Signature Malfunction
P1716	Citroen/Peugeot	SSC Inductive Signature Malfunction
P1717	Citroen/Peugeot	SSD Inductive Signature Malfunction
P1718	Citroen/Peugeot	TFT Sensor In Range Failure High
P1720	Citroen/Peugeot	Vehicle Speed (Meter) Circuit Malfunction
P1721	Citroen/Peugeot	Gear 1 Incorrect Ratio
P1722	Citroen/Peugeot	Gear 2 Incorrect Ratio
P1723	Citroen/Peugeot	Gear 3 incorrect Ratio
P1724	Citroen/Peugeot	Gear 4 Incorrect Ratio
P1725	Citroen/Peugeot	Insufficient Engine Speed Increase During Self Test
P1726	Citroen/Peugeot	Insufficient Engine Speed Decrease During Self Test
P1727	Citroen/Peugeot	Coast Clutch Solenoid Inductive Signature Malfunction
P1728	Citroen/Peugeot	Transmission Slip Error
P1729	Citroen/Peugeot	4x4 Low Switch Error
P1730	Citroen/Peugeot	Gear Control Malfunction 2,3,5
P1731	Citroen/Peugeot	1-2 Shift Malfunction
P1732	Citroen/Peugeot	2-3 Shift Malfunction
P1733	Citroen/Peugeot	3-4 Shift Malfunction
P1734	Citroen/Peugeot	Gear Control Malfunction
P1735	Citroen/Peugeot	First Gear Switch Circuit Malfunction
P1736	Citroen/Peugeot	Second Gear Switch Circuit Malfunction
P1737	Citroen/Peugeot	Lockup Solenoid System
P1738	Citroen/Peugeot	Shift Time Error
P1739	Citroen/Peugeot	Slip Solenoid System

P1740	Citroen/Peugeot	Torque Converter Clutch Inductive Signature Malfunction
P1741	Citroen/Peugeot	Torque Converter Clutch Control Error
P1742	Citroen/Peugeot	Torque Converter Clutch Solenoid Failed On
P1743	Citroen/Peugeot	Torque Converter Clutch Solenoid Failed On
P1744	Citroen/Peugeot	Torque Converter Clutch System Performance
P1745	Citroen/Peugeot	Line Pressure Solenoid System
P1746	Citroen/Peugeot	Pressure Control Solenoid -A- Open Circuit
P1747	Citroen/Peugeot	Pressure Control Solenoid -A- Short Circuit
P1748	Citroen/Peugeot	EPC Malfunction
P1749	Citroen/Peugeot	Pressure Control Solenoid Failed Low
P1751	Citroen/Peugeot	Shift Solenoid A Performance
P1754	Citroen/Peugeot	Coast Clutch Solenoid Circuit Malfunction
P1755	Citroen/Peugeot	Intermediate Speed Sensor (ISS) Malfunction
P1756	Citroen/Peugeot	Shift Solenoid B Performance
P1760	Citroen/Peugeot	Pressure Control Solenoid -A- Short Circuit
P1761	Citroen/Peugeot	Shift Solenoid C Performance
P1762	Citroen/Peugeot	Overdrive Band Failed Off
P1765	Citroen/Peugeot	Timing Solenoid Circuit Malfunction
P1767	Citroen/Peugeot	Torque Converter Clutch Circuit Malfunction
P1768	Citroen/Peugeot	Performance / Normal / Winter Mode Input Malfunction
P1769	Citroen/Peugeot	AG4 Transmission Torque Modulation Fault
P1770	Citroen/Peugeot	Clutch Solenoid Circuit Malfunction
P1775	Citroen/Peugeot	Transmission System MIL Fault
P1776	Citroen/Peugeot	Ignition Retard Request Duration Fault
P1777	Citroen/Peugeot	Ignition Retard Request Circuit Fault
P1778	Citroen/Peugeot	Transmission Reverse I/P Circuit Malfunction
P1779	Citroen/Peugeot	TCIL Circuit Malfunction
P1780	Citroen/Peugeot	Trans Control Switch (O/D Cancel) Out of Self Test Range
P1781	Citroen/Peugeot	4X4 Switch Out of Self Test Range
P1782	Citroen/Peugeot	P/ES Circuit Out Of Self Test Range
P1783	Citroen/Peugeot	Transmission Overtemperature Condition
P1784	Citroen/Peugeot	Transmission Mechanical Failure - First And Reverse
P1785	Citroen/Peugeot	Transmission Mechanical Failure - First And Second
P1786	Citroen/Peugeot	3-2 Downshift Error
P1787	Citroen/Peugeot	2-1 Downshift Error
P1788	Citroen/Peugeot	Pressure Control Solenoid -B- Open Circuit
P1789	Citroen/Peugeot	Pressure Control Solenoid -B- Short Circuit
P1790	Citroen/Peugeot	TP (Mechanical) Circuit Malfunction
P1791	Citroen/Peugeot	TP (Electric) Circuit Malfunction
P1792	Citroen/Peugeot	Barometer Pressure Circuit Malfunction
P1793	Citroen/Peugeot	Intake Air Volume Circuit Malfunction
P1794	Citroen/Peugeot	Battery Voltage Circuit Malfunction
P1795	Citroen/Peugeot	Idle Switch Circuit Malfunction
P1796	Citroen/Peugeot	Kick Down Switch Circuit Malfunction
P1797	Citroen/Peugeot	Neutral Switch Circuit Malfunction
P1798	Citroen/Peugeot	Coolant Temperature Circuit Malfunction
P1799	Citroen/Peugeot	Hold Switch Circuit Malfunction
P1800	Citroen/Peugeot	Transmission Clutch Interlock Safety Switch Circuit Failure
P1801	Citroen/Peugeot	Transmission Clutch Interlock Safety Switch Open Circuit
P1802	Citroen/Peugeot	Transmission Clutch Interlock Safety Switch Short Circuit To Battery
P1803	Citroen/Peugeot	Transmission Clutch Interlock Safety Switch Short Circuit To Ground
P1804	Citroen/Peugeot	Transmission 4-Wheel Drive High Indicator Circuit Failure
P1805	Citroen/Peugeot	Transmission 4-Wheel Drive High Indicator Open Circuit
P1806	Citroen/Peugeot	Transmission 4-Wheel Drive High Indicator Short Circuit To Battery
P1807	Citroen/Peugeot	Transmission 4-Wheel Drive High Indicator Short Circuit To Ground
P1808	Citroen/Peugeot	Transmission 4-Wheel Drive Low Indicator Circuit Failure
P1809	Citroen/Peugeot	Transmission 4-Wheel Drive Low Indicator Open Circuit
P1810	Citroen/Peugeot	TFP Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator Short Circuit To Battery
P1811	Citroen/Peugeot	Transmission 4-Wheel Drive Low Indicator Short Circuit To Ground
P1812	Citroen/Peugeot	Transmission 4-Wheel Drive Mode Select Circuit Failure
P1813	Citroen/Peugeot	Transmission 4-Wheel Drive Mode Select Open Circuit
P1814	Citroen/Peugeot	Transmission 4-Wheel Drive Mode Select Short Circuit To Battery
P1815	Citroen/Peugeot	Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1816	Citroen/Peugeot	Transmission Neutral Safety Switch Circuit Failure
P1817	Citroen/Peugeot	Transmission Neutral Safety Switch Open Circuit
P1818	Citroen/Peugeot	Transmission Neutral Safety Switch Short Circuit To Battery
P1819	Citroen/Peugeot	Transmission Neutral Safety Switch Short Circuit To Ground
P1820	Citroen/Peugeot	Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1821	Citroen/Peugeot	Transmission Transfer Case Clockwise Shift Relay Coil Open Circuit
P1822	Citroen/Peugeot	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1823	Citroen/Peugeot	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Ground
P1824	Citroen/Peugeot	Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1825	Citroen/Peugeot	Transmission 4-Wheel Drive Clutch Relay Open Circuit
P1826	Citroen/Peugeot	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery
P1827	Citroen/Peugeot	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Ground
P1828	Citroen/Peugeot	Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
P1829	Citroen/Peugeot	Transmission Transfer Case Counter Clockwise Shift Relay Coil Open Circuit
P1830	Citroen/Peugeot	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery

P1831	Citroen/Peugeot	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Ground
P1832	Citroen/Peugeot	Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1833	Citroen/Peugeot	Transmission Transfer Case Differential Lock-Up Solenoid Open Circuit
P1834	Citroen/Peugeot	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
P1835	Citroen/Peugeot	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Ground
P1836	Citroen/Peugeot	Transmission Transfer Case Front Shaft Speed Sensor Circuit Failure
P1837	Citroen/Peugeot	Transmission Transfer Case Rear Shaft Speed Sensor Circuit Failure
P1838	Citroen/Peugeot	Transmission Transfer Case Shift Motor Circuit Failure
P1839	Citroen/Peugeot	Transmission Transfer Case Shift Motor Open Circuit
P1840	Citroen/Peugeot	Transmission Transfer Case Shift Motor Short Circuit To Battery
P1841	Citroen/Peugeot	Transmission Transfer Case Shift Motor Short Circuit To Ground
P1842	Citroen/Peugeot	Transmission Transfer Case Differential Lock-Up Feedback Switch Circuit Failure
P1843	Citroen/Peugeot	Transmission Transfer Case Differential Lock-Up Feedback Switch Open Circuit
P1844	Citroen/Peugeot	Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Battery
P1845	Citroen/Peugeot	Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Ground
P1846	Citroen/Peugeot	Transmission Transfer Case Contact Plate "A" Circuit Failure
P1847	Citroen/Peugeot	Transmission Transfer Case Contact Plate "A" Open Circuit
P1848	Citroen/Peugeot	Transmission Transfer Case Contact Plate "A" Short Circuit To Battery
P1849	Citroen/Peugeot	Transmission Transfer Case Contact Plate "A" Short Circuit To Ground
P1850	Citroen/Peugeot	Transmission Transfer Case Contact Plate "B" Circuit Failure
P1851	Citroen/Peugeot	Transmission Transfer Case Contact Plate "B" Open Circuit
P1852	Citroen/Peugeot	Transmission Transfer Case Contact Plate "B" Short Circuit To Battery
P1853	Citroen/Peugeot	Transmission Transfer Case Contact Plate "B" Short Circuit To Ground
P1854	Citroen/Peugeot	Transmission Transfer Case Contact Plate "C" Circuit Failure
P1855	Citroen/Peugeot	Transmission Transfer Case Contact Plate "C" Open Circuit
P1856	Citroen/Peugeot	Transmission Transfer Case Contact Plate "C" Short Circuit To Battery
P1857	Citroen/Peugeot	Transmission Transfer Case Contact Plate "C" Short Circuit To Ground
P1858	Citroen/Peugeot	Transmission Transfer Case Contact Plate "D" Circuit Failure
P1859	Citroen/Peugeot	Transmission Transfer Case Contact Plate "D" Open Circuit
P1860	Citroen/Peugeot	TCC PWM Solenoid Circuit Electrical/ Transmission Transfer Case Contact Plate "D" Short Circuit To Battery
P1861	Citroen/Peugeot	Transmission Transfer Case Contact Plate "D" Short Circuit To Ground
P1862	Citroen/Peugeot	Transmission Transfer Case Contact Plate Power Circuit Failure
P1863	Citroen/Peugeot	Transmission Transfer Case Contact Plate Power Open Circuit
P1864	Citroen/Peugeot	Transmission Transfer Case Contact Plate Power Short To Battery
P1865	Citroen/Peugeot	Transmission Transfer Case Contact Plate Power Short To Ground
P1866	Citroen/Peugeot	Transmission Transfer Case System Concern - Servicing Required
P1867	Citroen/Peugeot	Transmission Transfer Case Contact Plate General Circuit Failure
P1868	Citroen/Peugeot	Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Failure
P1869	Citroen/Peugeot	Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Short To Battery
P1870	Citroen/Peugeot	Transmission Component Slipping/ Transmission Mechanical Transfer Case 4x4 Switch Circuit Failure
P1871	Citroen/Peugeot	Transmission Mechanical Transfer Case 4x4 Switch Circuit Short to Battery
P1872	Citroen/Peugeot	Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Failure
P1873	Citroen/Peugeot	Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Short To Battery
P1874	Citroen/Peugeot	Transmission Automatic Hall Effect Sensor Power Circuit Failure
P1875	Citroen/Peugeot	Transmission Automatic Hall Effect Sensor Power Circuit Short To Battery / 4WD Low Switch Circuit Electrical
P1876	Citroen/Peugeot	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure
P1877	Citroen/Peugeot	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery
P1878	Citroen/Peugeot	Transmission Transfer Case Disengaged Solenoid Circuit Failure
P1879	Citroen/Peugeot	Transmission Transfer Case Disengaged Solenoid Open Circuit
P1880	Citroen/Peugeot	Transmission Transfer Case Disengaged Solenoid Short to Battery
P1881	Citroen/Peugeot	Engine Coolant Level Switch Circuit Failure, GEM
P1882	Citroen/Peugeot	Engine Coolant Level Switch Circuit Short to Ground
P1883	Citroen/Peugeot	Engine Coolant Level Switch Circuit Failure, GEM
P1884	Citroen/Peugeot	Engine Coolant Level Lamp Circuit Short to Ground
P1885	Citroen/Peugeot	Transmission Transfer Case Disengaged Solenoid Short to Ground
P1886	Citroen/Peugeot	4X4 Initialization Failure
P1890	Citroen/Peugeot	Transmission 4WD Mode Select Return Input Circuit Failure
P1891	Citroen/Peugeot	Transmission Transfer Case Contact Plate Ground Return Open Circuit
P1900	Citroen/Peugeot	OSS Circuit Intermittent Malfunction
P1901	Citroen/Peugeot	TSS Circuit Intermittent Malfunction
P1902	Citroen/Peugeot	Pressure Control Solenoid -B- Intermittent Short
P1903	Citroen/Peugeot	Pressure Control Solenoid -C- Short Circuit
P1904	Citroen/Peugeot	Pressure Control Solenoid -C- Open Circuit
P1905	Citroen/Peugeot	Pressure Control Solenoid -C- Intermittent Short
P1906	Citroen/Peugeot	Kickdown Pull Relay Open or Short Circuit to Ground
P1907	Citroen/Peugeot	Kickdown Hold Relay Open or Short Circuit to Ground
P1908	Citroen/Peugeot	Transmission Pressure Circuit Solenoid Open or Short to Ground
P1909	Citroen/Peugeot	Trans Temp Sensor Circuit Open or Shorted to Pwr or Gnd
P1910	Citroen/Peugeot	VFS A Pressure Output Failed Low
P1911	Citroen/Peugeot	VFS B Pressure Output Failed Low
P1912	Citroen/Peugeot	VFS C Pressure Output Failed Low
P1913	Citroen/Peugeot	Pressure Switch A Circuit Malfunction
P1914	Citroen/Peugeot	Manually Shifted Automatic (MSA) Sw Circuit Malf
P1915	Citroen/Peugeot	Reverse Switch Circuit Malfunction
P1916	Citroen/Peugeot	High Clutch Drum Speed Sensor Malfunction
P1917	Citroen/Peugeot	High Clutch Drum Speed Sensor Intermittent
P1918	Citroen/Peugeot	Transmission Range Display Circuit Malfunction
P1100	Daewoo	MAP SNSR MAL

P1101	Daewoo	MAP SNSR - RANGE/ PERFORMANCE
P1102	Daewoo	MAP SNSR - LOW INPUT
P1103	Daewoo	MAP SNSR - HIGH INPUT
P1104	Daewoo	AIR FLOW CTRL V/V POS. SNSR
P1105	Daewoo	AIR FLOW CTRL V/V SNSR - PF
P1106	Daewoo	AIR FLOW CTRL V/V SNR-LOW INPUT
P1107	Daewoo	AIR FLOW CTRL V/V SNSR-HI INPUT
P1108	Daewoo	FUEL PUMP
P1109	Daewoo	FUEL PUMP - PERFORMANCE
P1110	Daewoo	FUEL PUMP - STUCK
P1111	Daewoo	FUEL PUMP - ELEC. SYS
P1112	Daewoo	MAP SENSOR
P1113	Daewoo	MDP SNSR - PERFORMANCE MAL
P1114	Daewoo	MDP SNSR -LOW INPUT
P1115	Daewoo	COOLANT TEMP SENSOR SIGNAL
P1116	Daewoo	BOOSTER PRESSURE SNSR - GND/OPEN
P1118	Daewoo	ETS MOTOR MAL
P1119	Daewoo	INLET METERING VALVE CONTROL
P1120	Daewoo	ELEC GOVERNOR MAL
P1121	Daewoo	THROTTLE POS INPUT SIG FAULT
P1122	Daewoo	BOOSTER PRESSURE SNSR - HIGH
P1123	Daewoo	TIMING POS SNSR MAL
P1124	Daewoo	IDLE RATIO (IDLING)-LEAN
P1125	Daewoo	FUEL PRESSURE1 MAL
P1126	Daewoo	FUEL PRESSURE2 MAL
P1127	Daewoo	CTRL SLEEVE POS SNSR MAL
P1128	Daewoo	IDLE RATIO (P /LOAD) - LEAN
P1129	Daewoo	SECOND LOCK SOLENOID MAL
P1130	Daewoo	START SOLENOID MAL
P1131	Daewoo	FUEL CORR RESISTANCE MAL
P1132	Daewoo	LIQUID FUEL SOL. FAULT
P1133	Daewoo	AT FUEL SOLENOID MAL
P1134	Daewoo	O2S (B1 /S1) TRANSITION
P1135	Daewoo	FUEL TIMING SERVO MAL
P1140	Daewoo	INTAKE AIR TEMP. SENSOR
P1141	Daewoo	SLOW DUTY SOL. MAL
P1143	Daewoo	FEED BACK SOL V/V MAL
P1144	Daewoo	FUEL CUT SOL V/V
P1145	Daewoo	MAIN DUTY SOL. MAL
P1146	Daewoo	IDLE CO POTENTIOMET
P1147	Daewoo	ACCEL POS SNSR CT MAL -ETS
P1150	Daewoo	MANIFOLD PRESSURE SENSOR
P1151	Daewoo	ACCEL POS SNSR CT MAL - ECU
P1154	Daewoo	O2S (B2/S1) TRANSITION
P1155	Daewoo	FAIL SAFE VALVE MAL
P1159	Daewoo	VARIABLE INTAKE DEVICE MAL
P1162	Daewoo	HIGH PRSS PUMP / FUEL LINE MAL
P1166	Daewoo	IDLE RATIO TRIM MAL
P1167	Daewoo	O2S (B2)CONT. ADAPTION
P1168	Daewoo	O2S HEATER PWR(B1/S2)
P1169	Daewoo	O2S HEATER PWR(B2/S2)
P1170	Daewoo	BAROMETRIC PRESSURE SNSR FLT
P1171	Daewoo	ETS VALVE STUCK - OPEN
P1172	Daewoo	ETS MOTOR OVER CURRENT
P1173	Daewoo	ETS VALVE PERFORMANCE MAL.
P1174	Daewoo	ETS VALVE STUCK - CLOSED 1
P1175	Daewoo	ETS VALVE STUCK - CLOSED 2
P1176	Daewoo	ETS MOTOR - SHORT /GND 1
P1177	Daewoo	ETS MOTOR - SHORT /GND 2
P1178	Daewoo	ETS MOTOR - SHORT TO BATT
P1179	Daewoo	ETS MAGNETIC POLE - NOT SYNCH
P1180	Daewoo	RAIL PRESSURE CTRL V/V FAULT
P1181	Daewoo	INT. AIR VAR CTL SOL (OPEN/GND)
P1182	Daewoo	INT. AIR VAR CTL SOL (PWR SHT)
P1184	Daewoo	O2S (B1/S2) NO SIGNAL
P1190	Daewoo	THROTTLE ACTUATOR CRCT FAULT
P1191	Daewoo	ETS LIMPHOME VALVE ACTIVATE
P1192	Daewoo	ETS LIMPHOME PERFORMANCE
P1193	Daewoo	ETS LIMPHOME RPM -LOW
P1194	Daewoo	ETS LIMPHOME TPS2 POS. MAL.
P1195	Daewoo	ETS LIMPHOME TARGETDELAY
P1196	Daewoo	ETS LIMPHOME STUCK
P1217	Daewoo	OVERHEAT
P1230	Daewoo	FUEL PUMP RELAY FLT(OPEN/GND)
P1231	Daewoo	FUEL PUMP RELAY FLT(PWR SHT)
P1300	Daewoo	TDC SNSR MAL
P1301	Daewoo	TDC SNSR - RANGE / PF MAL
P1302	Daewoo	TDC SNSR - SIGNAL LOW

P1303	Daewoo	TDC SNSR - SIGNAL HIGH
P1304	Daewoo	PHASE SNSR
P1305	Daewoo	PHASE SNSR - PERFORMANCE MAL
P1306	Daewoo	PHASE SNSR - LOW INPUT
P1307	Daewoo	PHASE SNSR - HIGH INPUT
P1308	Daewoo	IG. COIL 1
P1309	Daewoo	IG. COIL 1 - PF MAL
P1310	Daewoo	IG. COIL 1 - LOW OUTPUT
P1311	Daewoo	IG. COIL 1 - OVER OUTPUT
P1312	Daewoo	IG. COIL 2
P1313	Daewoo	IG. COIL 2 - PF MAL
P1314	Daewoo	IG. COIL 2 - LOW OUTPUT
P1315	Daewoo	IG. COIL 2 - OVER OUTPUT
P1316	Daewoo	IG. COIL 3
P1317	Daewoo	IG. COIL 3 - PF MAL
P1318	Daewoo	IG. COIL 3 - LOW OUTPUT
P1319	Daewoo	IG. COIL 3 - OVER OUTPUT
P1320	Daewoo	IG. COIL 4
P1321	Daewoo	IG. COIL 4 - PF MAL
P1322	Daewoo	IG. COIL 4 - LOW OUTPUT
P1323	Daewoo	IG. COIL 4 - OVER OUTPUT
P1324	Daewoo	PRE - HEATER RELAY MAL
P1325	Daewoo	GLOW RELAY - PERFORMANCE MAL
P1326	Daewoo	GLOW RELAY - STUCK
P1327	Daewoo	GLOW RELAY - ELEC. SYSTEM
P1330	Daewoo	SPARK TIMING ADJUST SIGNAL
P1331	Daewoo	#1 MISFIRE CIRCUIT - OPEN
P1332	Daewoo	#2 MISFIRE CIRCUIT - OPEN
P1333	Daewoo	#3 MISFIRE CIRCUIT - OPEN
P1334	Daewoo	#4 MISFIRE CIRCUIT - OPEN
P1335	Daewoo	#5 MISFIRE CIRCUIT - OPEN
P1336	Daewoo	#6 MISFIRE CIRCUIT - OPEN
P1337	Daewoo	#7 MISFIRE CIRCUIT - OPEN
P1338	Daewoo	#8 MISFIRE CIRCUIT - OPEN
P1341	Daewoo	#1 ION CIRCUIT
P1342	Daewoo	#2 ION CIRCUIT
P1343	Daewoo	#3 ION CIRCUIT
P1344	Daewoo	#4 ION CIRCUIT
P1345	Daewoo	#5 ION CIRCUIT
P1346	Daewoo	#6 ION CIRCUIT
P1347	Daewoo	#7 ION CIRCUIT
P1348	Daewoo	#8 ION CIRCUIT
P1351	Daewoo	#1 MISFIRE CIRCUIT - SHORT
P1352	Daewoo	#2 MISFIRE CIRCUIT - SHORT
P1353	Daewoo	#3 MISFIRE CIRCUIT - SHORT
P1354	Daewoo	#4 MISFIRE CIRCUIT - SHORT
P1355	Daewoo	#5 MISFIRE CIRCUIT - SHORT
P1356	Daewoo	#6 MISFIRE CIRCUIT - SHORT
P1357	Daewoo	#7 MISFIRE CIRCUIT - SHORT
P1358	Daewoo	#8 MISFIRE CIRCUIT - SHORT
P1372	Daewoo	SEGMENT TIME INCORRECT
P1400	Daewoo	EGR SOLENOID
P1401	Daewoo	EGR TEMP. SENSOR
P1405	Daewoo	EGR TEMP. UNCERTAIN
P1415	Daewoo	2 ND AIR INSUFFICIENT(B1)
P1416	Daewoo	2 ND AIR INJECTION
P1418	Daewoo	2 ND AIR INSUFFICIENT(B2)
P1419	Daewoo	2 ND AIR INJECTION V/V
P1420	Daewoo	EGR CONTROL
P1440	Daewoo	CANISTER V/V OPEN / SHORT
P1443	Daewoo	EVAPORATIVE EMISSION
P1458	Daewoo	A/C SW INPUT CIRCUIT
P1476	Daewoo	EXH GAS RCYL SOL FLT (BAT SHT)
P1477	Daewoo	EXH GAS RCYL SOL FLT (GND SHT)
P1478	Daewoo	EXH GAS RCYL SOL FLT (OPEN)
P1500	Daewoo	A/C SWITCH
P1501	Daewoo	BRAKE SWITCH
P1502	Daewoo	IDLE SPEED SWITCH
P1503	Daewoo	ACCEL. SWITCH
P1504	Daewoo	V CLE SPD SNR FLT(CAN COMMERR)
P1505	Daewoo	KICK DOWN SWITCH
P1506	Daewoo	MPS
P1507	Daewoo	MPS - RANGE / PERFORMANCE MAL
P1508	Daewoo	MPS - SIGNAL LOW
P1509	Daewoo	MPS - SIGNAL HIGH
P1510	Daewoo	ISC V/V CIRCUIT MAL
P1511	Daewoo	IDLE CHARGE ACTUATOR(ELEC)
P1512	Daewoo	IDLE CHARGE ACTUATOR(MECHA)

P1513	Daewoo	IDLE CHARGE ACTUATOR(FUNC FLT)
P1514	Daewoo	FLUID TEMP. SNSR CIRCUIT
P1515	Daewoo	FLUID TEMP. SNSR CT-PF MAL
P1516	Daewoo	FLUID TEMP. SNSR CT-SIG. LOW
P1517	Daewoo	FLUID TEMP. SNSR CT-SIG. HIGH
P1520	Daewoo	ALTERNATOR FIELD COIL SIG MAL
P1521	Daewoo	PWR STEERING SW MAL
P1522	Daewoo	BATTERY FAULT
P1525	Daewoo	APS / BOOSTER PRSS SNSR PWR
P1526	Daewoo	SENSOR SUPPLY PWR 1 FAULT
P1527	Daewoo	SENSOR SUPPLY PWR 2 FAULT
P1529	Daewoo	TCU MIL REQUEST SIGNAL
P1530	Daewoo	MAX. VEHICLE SPEED LIMIT FLT
P1537	Daewoo	A/C RELAY CRCT FLT(PWR SHORT)
P1538	Daewoo	A/C RELAY CRCT - OPEN /GND SHORT
P1545	Daewoo	A/C COMPRESSOR SW OPEN/SHORT
P1552	Daewoo	ISC ACTUATOR(CLOSE) - SHORT
P1553	Daewoo	ISC ACTUATOR(CLOSE) - OPEN
P1555	Daewoo	IDLE CO POTEN. OPEN / SHORT
P1569	Daewoo	PRESSURE CTRL V/V CURRENT FLT
P1593	Daewoo	VICS VALVE
P1600	Daewoo	ECU K LINE MAL (SERIAL COMM)
P1601	Daewoo	ECU L LINE MAL
P1602	Daewoo	ECU - TCU COMM MAL
P1603	Daewoo	ECU - TCS COMM LINE MAL
P1604	Daewoo	TPS COMM MAL
P1605	Daewoo	VACUUM SOLENOID V/V
P1606	Daewoo	TCM FAULT(RESET CUNTER CRCT)
P1607	Daewoo	VACUUM SOLENOID V/V - STUCK
P1608	Daewoo	VACUUM SOL V/V ELEC. SYSTEM
P1609	Daewoo	VENTILATION SOL V/V
P1610	Daewoo	MAIN RELAY CRCT FLT (PWR SHORT)
P1611	Daewoo	MAIN RELAY CRCT (OPEN/GND SHT)
P1612	Daewoo	VENTILATION SOL V/V -ELEC. SYS
P1613	Daewoo	ECU SELF DIAGNOSIS MAL
P1614	Daewoo	ETS ECU MAL
P1616	Daewoo	MAIN RELAY MAL
P1617	Daewoo	MIL
P1619	Daewoo	MAIN RELAY
P1620	Daewoo	A/C RELAY
P1621	Daewoo	FUEL CUT VALVE MAL
P1622	Daewoo	A/C CONTROL CIRCUIT MAL
P1623	Daewoo	MIL OPEN / SHORT
P1624	Daewoo	RADIATOR FAN MAL
P1625	Daewoo	A/C FAN MAL
P1626	Daewoo	IMMOBILIZER INDICATOR LAMP
P1628	Daewoo	VAPORIZE LAMP MAL
P1629	Daewoo	GLOW LAMP FAULT
P1630	Daewoo	TCU COMM. LINE MAL
P1631	Daewoo	ECU COMM. LINE MAL
P1632	Daewoo	TCS SYSTEM MAL
P1633	Daewoo	IMMO. LAMP FAULT
P1634	Daewoo	CRUISE LAMP FAULT
P1635	Daewoo	WTS HEATER RELAY FAULT
P1638	Daewoo	ECU MICOM CRCT FAULT
P1639	Daewoo	ECU (MICOM) CRCT FAULT
P1640	Daewoo	VI MOTOR COIL 1 OPEN/SHORT
P1641	Daewoo	VI MOTOR COIL 2 OPEN/SHORT
P1642	Daewoo	SERIAL COMM. ERROR - NONIMMOB
P1645	Daewoo	INJECTOR DRIVING VOLTAGE FLT
P1647	Daewoo	OVER VOLTAGE
P1650	Daewoo	ENG FIX INDC LAMP CT (PWR SHT)
P1651	Daewoo	ENG FIX INDC LAMP CT(OPEN/GND)
P1652	Daewoo	IGNITION SW FAULT
P1653	Daewoo	FUEL CUT FLT AFTER ENG OFF
P1655	Daewoo	ECU INTERNAL FAULT
P1660	Daewoo	CRUISE CRCT FAULT
P1671	Daewoo	CAN COMM FLT - TCU MODL SIG INDC
P1672	Daewoo	CAN COMM FLT(CAN BUS OFF)
P1673	Daewoo	CAN COMM FLT(SIGNAL ERR)
P1674	Daewoo	A/C FAN RELAY
P1690	Daewoo	WATER HEATER RELAY
P1697	Daewoo	C/F RELAY(LOW SPEED)
P1698	Daewoo	C/F RELAY(HIGH SPEED)
P1699	Daewoo	MAIN RELAY
P1700	Daewoo	A/T GEAR SHIFT MAL
P1701	Daewoo	THROTTLE POS. SNSR CIRCUIT
P1702	Daewoo	TPS CIRCUIT - RANGE /PF MAL

P1703	Daewoo	TPS -OPEN/GROUND
P1704	Daewoo	TPS -HIGH INPUT
P1706	Daewoo	INHIBITOR SWITCH
P1707	Daewoo	BRAKE SWITCH
P1708	Daewoo	ACCEL. SWITCH
P1709	Daewoo	KICK DOWN SWITCH
P1710	Daewoo	TIMING SOL.-ELECTRICAL MAL.
P1711	Daewoo	FLUID TEMP. SNSR CT-PF MAL
P1712	Daewoo	FLUID TEMP. SNSR CT-LOW INPUT
P1713	Daewoo	FLUID TEMP. SNSR CT-HIGH INPUT
P1714	Daewoo	IDLE SPEED SWITCH
P1715	Daewoo	A/C SWITCH
P1716	Daewoo	STEERING SNSR
P1717	Daewoo	STEERING SNSR - PERFORMANCE MAL
P1718	Daewoo	STEERING SNSR -LOW INPUT
P1719	Daewoo	STEERING SNSR - HIGH INPUT
P1721	Daewoo	CONTROL RELAY
P1722	Daewoo	CONTROL RELAY - PERFORMANCE
P1723	Daewoo	CONTROL RELAY - STUCK
P1724	Daewoo	CONTROL RELAY - ELEC. SYSTEM
P1725	Daewoo	TOD CTRL UNIT(CHECKSUM) FAULT
P1726	Daewoo	THROTTLE POS INPUT SIG MISS
P1727	Daewoo	THROTTLE POS INPUT SIG FAULT
P1728	Daewoo	EMC COIL - OPEN / PWR SHORT
P1729	Daewoo	EMC COIL - GND SHORT
P1730	Daewoo	FRT SPEED SNSR INPUT SIG LOW
P1731	Daewoo	FRT SPEED SNSR INPUT SIG HIGH
P1732	Daewoo	REAR SPEED SNSR INPUT SIG LOW
P1733	Daewoo	REAR SPEED SNSR INPUT SIG HIGH
P1734	Daewoo	SPEED SNSR STD VOLT LOW INPUT
P1735	Daewoo	SPEED SNSR STD VOLT INPUT HIGH
P1736	Daewoo	SHIFT MOTOR - OPEN
P1737	Daewoo	SHIFT MOTOR - SHORT
P1738	Daewoo	SHIFT SYSTEM FAULT
P1739	Daewoo	POS ENCODER FAULT
P1740	Daewoo	SHIFT MOTOR (POS1) -GND SHORT
P1741	Daewoo	SHIFT MOTOR (POS2) - GND SHORT
P1742	Daewoo	SHIFT MOTOR (POS3) - GND SHORT
P1743	Daewoo	SHIFT MOTOR (POS4) - GND SHORT
P1744	Daewoo	LOCKUP CLUTCH SYSTEM
P1745	Daewoo	TCU K LINE
P1746	Daewoo	TCU L LINE
P1747	Daewoo	TCU - ECU COMM LINE #1 MAL
P1748	Daewoo	TCU - ECU COMM LINE #2 MAL
P1749	Daewoo	SERIAL COMM. - OPEN/GND
P1750	Daewoo	TPS COMM MAL
P1751	Daewoo	AUTO CONTROL RELAY -MAL.
P1752	Daewoo	P SHIFT POS. INDIC. LAMP
P1753	Daewoo	R SHIFT POS. INDIC. LAMP
P1754	Daewoo	N SHIFT POS. INDIC. LAMP
P1755	Daewoo	D SHIFT POS. INDIC. LAMP
P1756	Daewoo	3 SHIFT POS. INDIC. LAMP
P1757	Daewoo	2 SHIFT POS. INDIC. LAMP
P1758	Daewoo	L SHIFT POS. INDIC. LAMP
P1759	Daewoo	ECU MEM. CHECKSUM MAL
P1760	Daewoo	ECU PROGRAM MAL
P1761	Daewoo	ECU KEEP ALIVE MEM. MAL
P1762	Daewoo	ECU RAM MAL
P1763	Daewoo	ECU BOM MAL
P1764	Daewoo	TCU CAN COMM. CONTROL MAL
P1765	Daewoo	TORQUE REDUC. SIG. CT MAL
P1766	Daewoo	TORQUE REDUC. SIG. CT MAL
P1771	Daewoo	GEARSHIFT POS. SENSOR MAL
P1772	Daewoo	GEARSHIFT POS. SENSOR MAL
P1773	Daewoo	GEAR BOX RPM SNSR MAL
P1774	Daewoo	CRC SENSOR MAL
P1775	Daewoo	TCU MAL
P1776	Daewoo	POWER CONTROL UNIT MAL
P1777	Daewoo	POWER CONTROL UNIT - OUTPUT MAL
P1778	Daewoo	ELECTRONIC V/V MAL
P1779	Daewoo	ENGINE TORQUE SIGNAL FAULT
P1780	Daewoo	ENG TORQUE SIG ERR(CAN COMM)
P1781	Daewoo	ACTUATOR MAL
P1782	Daewoo	ACTUATOR POS. SENSOR MAL
P1786	Daewoo	ENGINE RPM OUTPUT CIRCUIT
P1787	Daewoo	HYDRO SYSTEM MAL
P1790	Daewoo	TCM CHECKSUM FAULT
P1791	Daewoo	THROTTLE OPEN DUTY FAULT

P1795	Daewoo	GROUND RETURN CIRCUIT ABNORMAL
P1813	Daewoo	T/M OIL TEMP SNSR CRCT FAULT
P1839	Daewoo	EDS 3 DRV CRCT GND SHORT
P1840	Daewoo	EDS 3 DRV CRCT BATT SHORT
P1841	Daewoo	EDS 3 DRV CRCT OPEN
P1850	Daewoo	SOL.1 DRV GND SHORT
P1851	Daewoo	SOL.1 DRV BATT PWR SHORT
P1852	Daewoo	SOL.1 DRV CRCT OPEN
P1853	Daewoo	SOL.2 DRV GND SHORT
P1854	Daewoo	SOL.2 DRV PWR SHORT
P1855	Daewoo	SOL.2 DRV CRCT OPEN
P1861	Daewoo	EDS 4 DRV CRCT GND SHORT
P1862	Daewoo	EDS 4 DRV CRCT BATT SHORT
P1863	Daewoo	EDS 4 DRV CRCT OPEN
P1864	Daewoo	EDS 5 DRV GND SHORT
P1865	Daewoo	EDS 5 DRV CRCT BATT SHORT
P1866	Daewoo	EDS 5 DRV CRCT OPEN
P1867	Daewoo	EDS 6 DRV GND SHORT
P1868	Daewoo	EDS 6 DRV CRCT BATT SHORT
P1869	Daewoo	EDS 6 DRV CRCT OPEN
P1870	Daewoo	SOL/EDS PWR SPL(GND SHT/OPEN)
P1871	Daewoo	SOL/EDS PWR SPL(BATT SHORT)
P1873	Daewoo	SOL/EDS PWR SPL(GND SHT/OPEN)
P1874	Daewoo	SOL/EDS PWR SPL(BATT SHORT)
P1881	Daewoo	2-1 GEAR SHIFT FAULT
P1883	Daewoo	3-2 GEAR SHIFT FAULT
P1884	Daewoo	4-3 GEAR SHIFT FAULT
P1885	Daewoo	3-1 GEAR SHIFT FAULT
P1886	Daewoo	4-2 GEAR SHIFT FAULT
P1001	Fiat	CAN line
P1003	Fiat	Ext. influence on quantity
P1101	Fiat	Barometer pressure
P1101	Fiat	Pressure loss in the boost circuit
P1105	Fiat	Altitude sensor
P1106	Fiat	Boost pressure sensor
P1107	Fiat	Spirl solenoid
P1108	Fiat	Electric fan - assembly 1
P1109	Fiat	Electric fan - assembly 2
P1110	Fiat	A/C control break off
P1112	Fiat	Control fuel pressure
P1118	Fiat	Diesel pressure control
P1121	Fiat	Throttle position potentiometer 1 [signal implausible]
P1122	Fiat	Throttle position sensor [signal implausible]
P1132	Fiat	Fuel rail pressure
P1132	Fiat	Sensor of catalyst temperature
P1133	Fiat	Oxygen sensor B1-S1
P1135	Fiat	Oxygen sensor B1-S2
P1138	Fiat	Diesel pressure circuit
P1141	Fiat	Worheiwid. 1 below
P1153	Fiat	Lambda 2 signal above catal.(deviated)
P1155	Fiat	Preheating resistance 2 above catal.
P1169	Fiat	Voltage condition 1
P1170	Fiat	Mixture ratio [Minimum lean fuel]
P1171	Fiat	Test break off, cylinder regulating
P1172	Fiat	Mixture 1 stength (multiplicative)
P1173	Fiat	Mixture 1 stength (additive)
P1175	Fiat	Mixture 2 stength (multiplicative)
P1176	Fiat	Mixture 2 stength (additive)
P1177	Fiat	Mixture 1 stength (multiplicative)
P1178	Fiat	Mixture 2 stength (multiplicative)
P1220	Fiat	Throttle position [signal implausible]
P1221	Fiat	Accelerator potent. track 1
P1222	Fiat	Accelerator potent. track 2
P1226	Fiat	Accelerator pedal movement
P1300	Fiat	Relais pre/after heating
P1301	Fiat	Classification injector
P1314	Fiat	Vertical acc.
P1320	Fiat	Synchronise Pulse/RPM
P1320	Fiat	Timing/revs synchronisation
P1325	Fiat	Detonate sensor [signal implausible]
P1326	Fiat	Knock control
P1336	Fiat	Torque control(request)
P1337	Fiat	Torque control(comparision)
P1402	Fiat	Ventol EGR throttle valve
P1403	Fiat	Auxiliary heater
P1404	Fiat	Circuit TL4226
P1408	Fiat	Coolant heating circuit
P1421	Fiat	Catalytic converter 1 temperature

P1425	Fiat	Catalytic converter 2 temperature
P1429	Fiat	Pressure sensor discharging
P1435	Fiat	Additive addition system
P1446	Fiat	Additive
P1448	Fiat	Particle filter (FAP)
P1451	Fiat	Intake air heater control
P1458	Fiat	Water valve
P1481	Fiat	Fan control
P1504	Fiat	Input key
P1511	Fiat	Battery voltage below sensing
P1512	Fiat	Driver minute block
P1513	Fiat	Idle speed regulator
P1514	Fiat	MIL [signal implausible]
P1519	Fiat	Cooler control unit
P1521	Fiat	Contact voltage supply
P1529	Fiat	Clutch switch
P1531	Fiat	A/C compressor relay
P1536	Fiat	ESP system
P1555	Fiat	Brake/Accelerate signal implausible
P1565	Fiat	Cruise control level line
P1601	Fiat	Cruise control switch off
P1602	Fiat	Voltage regulator
P1603	Fiat	Control Unit Power Supply
P1604	Fiat	Main relay
P1606	Fiat	Diagnostic lamp
P1608	Fiat	Engine coolant temperature indicator
P1612	Fiat	Fuel filter heater relay
P1613	Fiat	Fuel contain water
P1614	Fiat	Battery voltage sensor
P1620	Fiat	Error in ECU gas [Error]
P1653	Fiat	Camshaft position (phase) regulation
P1654	Fiat	Control module malfunction
P1655	Fiat	Control module malfunction
P1664	Fiat	Repeat throttle angle [over max. value]
P1671	Fiat	Fuel rail pressure regulator
P1672	Fiat	Control module memory
P1673	Fiat	Voltage condition 1
P1674	Fiat	Voltage condition 2
P1680	Fiat	Motorised throttle(spring)
P1681	Fiat	Motorised throttle(spring)
P1682	Fiat	Motorised throttle
P1683	Fiat	Motorised throttle(recovery)
P1684	Fiat	Motorised throttle(plausibility)
P1685	Fiat	Motorised throttle(without learn)
P1686	Fiat	TP adjustment self adaptive [signal implausible]
P1687	Fiat	Throttle driven [signal implausible]
P1688	Fiat	Motorised throttle(2nd idle learn)
P1689	Fiat	Motorised throttle(self-compensation)
P1690	Fiat	Safety cut-off
P1691	Fiat	Secure breakdown
P1702	Fiat	Connector lamp from A/T
P1703	Fiat	Engine shut-down from aut. gearbox
P1704	Fiat	Auto transmission
P1705	Fiat	Auto transmission RPM Regulation
P1706	Fiat	Throttle signal
P1707	Fiat	Pulley check
P1708	Fiat	Secondary pressure check
P1709	Fiat	Clutch check
P1710	Fiat	Brake Switch
P1711	Fiat	Key lock solenoid
P1712	Fiat	Lever Release solenoid
P1713	Fiat	Neutral Signal to engine ECU
P1722	Fiat	Idle Increase Signal to Engine ECU
P1000	Ford	OBD-II Monitor Testing Incomplete
P1001	Ford	KOER Test Cannot Be Completed
P1039	Ford	Vehicle Speed Signal Missing or Improper
P1051	Ford	Brake Switch Signal Missing or Improper
P1100	Ford	MAF Sensor Intermittent/ Check of all OBDII Systems Not Complete
P1101	Ford	MAF Sensor Out Of Self Test Range
P1102	Ford	MAF Sensor In Range But Lower Than Expected
P1103	Ford	MAF Sensor In Range But Higher Than Expected
P1104	Ford	MAF Ground Malfunction
P1105	Ford	Dual Alternator Upper Fault
P1106	Ford	Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
P1107	Ford	Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
P1108	Ford	Dual Alternator Battery Lamp Circuit Malfunction
P1109	Ford	IAT - B Sensor Intermittent
P1110	Ford	IAT Sensor (D/C) Open/Short

P1111	Ford	Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage
P1112	Ford	Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage
P1113	Ford	IAT Sensor Open/Short
P1114	Ford	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT - B Circuit Low Input
P1115	Ford	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT - B Circuit High Input
P1116	Ford	Engine Coolant sensor out of range/ECT Sensor Out Of Self Test Range
P1117	Ford	Engine Coolant Sensor intermittent/ECT Sensor Intermittent
P1118	Ford	Manifold Absolute Temperature Circuit Low Input
P1119	Ford	Manifold Absolute Temperature Circuit High Input
P1120	Ford	Throttle position sensor out of range
P1121	Ford	Throttle Position (TP) Sensor Circuit Intermittent High Voltage
P1122	Ford	Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
P1123	Ford	Throttle Position Sensor In Range But Higher Than Expected
P1124	Ford	Throttle Position Sensor Out Of Self Test Range
P1125	Ford	Throttle position sensor intermittent
P1126	Ford	Throttle Position (Narrow Range) Sensor Circuit Malfunction
P1127	Ford	Exhaust Not Warm, Downstream O2 Sensor
P1128	Ford	Upstream Heated O2 Sensors Swapped
P1129	Ford	Downstream Heated O2 Sensors Swapped
P1130	Ford	Lack Of HO2S Switch - Adaptive Fuel At Limit
P1131	Ford	Lack Of HO2S Switch - Sensor Indicates Lean
P1132	Ford	Lack Of HO2S Switch - Sensor Indicates Rich
P1133	Ford	HO2S Insufficient Switching Sensor 1
P1134	Ford	HO2S Transition Time Ratio Sensor 1
P1135	Ford	Pedal Position Sensor A Circuit Intermittent
P1136	Ford	Fan Control Circuit Malfunction
P1137	Ford	Lack Of HO2S Switch - Sensor Indicates Lean
P1138	Ford	Lack Of HO2S12 Switch - Sensor Indicates Rich
P1139	Ford	Water In Fuel Indicator Circuit Malfunction
P1140	Ford	Water In Fuel Condition
P1141	Ford	Fuel Restriction Indicator Circuit Malfunction
P1142	Ford	Fuel Restriction Condition
P1143	Ford	Air Assist Control Valve Range/Performance
P1144	Ford	Air Assist Control Valve Circuit Malfunction
P1150	Ford	Lack Of HO2S21 Switch - Adaptive Fuel At Limit
P1151	Ford	Lack Of HO2S21 Switch - Sensor Indicates Lean
P1152	Ford	Lack Of HO2S21 Switch - Sensor Indicates Rich
P1153	Ford	Bank 2 Fuel Control Shifted Lean
P1154	Ford	Bank 2 Fuel Control Shifted Rich
P1155	Ford	Alternative Fuel Controller
P1156	Ford	Fuel Select Switch Malfunction
P1157	Ford	Lack Of HO2S22 Switch - Sensor Indicates Lean
P1158	Ford	Lack Of HO2S22 Switch - Sensor Indicates Rich
P1159	Ford	Fuel Stepper Motor Malfunction
P1167	Ford	Invalid Test,throttle not depressed
P1168	Ford	Fuel Rail Sensor In-Range Low Failure
P1169	Ford	Fuel Rail Sensor In-Range High Failure
P1170	Ford	ESO - Engine Shut Off Solenoid Fault
P1171	Ford	Rotor Sensor Fault
P1172	Ford	Rotor Control Fault
P1173	Ford	Rotor Calibration Fault
P1174	Ford	Cam Sensor Fault
P1175	Ford	Cam Control Fault
P1176	Ford	Cam Calibration Fault
P1177	Ford	Synchronization Fault
P1178	Ford	(open)
P1180	Ford	Fuel Delivery System Malfunction - Low
P1181	Ford	Fuel Delivery System Malfunction - High
P1182	Ford	Fuel Shut Off Solenoid Malfunction
P1183	Ford	Engine Oil Temperature Circuit Malfunction
P1184	Ford	Engine Oil Temperature Out Of Self Test Range
P1185	Ford	FTS High - Fuel Pump Temperature Sensor High
P1186	Ford	FTS Low - Fuel Pump Temperature Sensor Low
P1187	Ford	Variant Selection
P1188	Ford	Calibration Memory Fault
P1189	Ford	Pump Speed Signal Fault
P1190	Ford	Calibration Resistor Out Of Range
P1191	Ford	Key Line Voltage
P1192	Ford	Voltage External
P1193	Ford	EGR Drive Overcurrent
P1194	Ford	ECU A/D Converter
P1195	Ford	SCP HBCC Failed To Initialize
P1196	Ford	Key Off Voltage High
P1197	Ford	Key Off Voltage Low
P1198	Ford	Pump Rotor Control Underfueling
P1199	Ford	Fuel Level Input Circuit Low
P1200	Ford	Injector Control Circuit
P1201	Ford	Injector Circuit Open / Shorted - Cylinder #1

P1202	Ford	Injector Circuit Open / Shorted - Cylinder #2
P1203	Ford	Injector Circuit Open / Shorted - Cylinder #3
P1204	Ford	Injector Circuit Open / Shorted - Cylinder #4
P1205	Ford	Injector Circuit Open / Shorted - Cylinder #5
P1206	Ford	Injector Circuit Open / Shorted - Cylinder #6
P1209	Ford	Injector Control Pressure System Fault
P1210	Ford	Injector Control Pressure Above Expected Level
P1211	Ford	Injector Control Pressure Sensor Above / Below Desired
P1212	Ford	Injector Control Pressure Not Detected During Crank
P1213	Ford	Start Injector Circuit Malfunction
P1214	Ford	Pedal Position Sensor B Circuit Intermittent
P1215	Ford	Pedal Position Sensor C Circuit Low Input
P1216	Ford	Pedal Position Sensor C Circuit High Input
P1217	Ford	Pedal Position Sensor C Circuit Intermittent
P1218	Ford	CID High
P1219	Ford	CID Low
P1220	Ford	Series Throttle Control System Malfunction
P1221	Ford	Traction Control System Malfunction
P1222	Ford	Traction Control Output Circuit Malfunction
P1223	Ford	Pedal Demand Sensor B Circuit High Input
P1224	Ford	Throttle Position Sensor B Out Of Self Test Range
P1225	Ford	Needle Lift Sensor Malfunction
P1226	Ford	Control Sleeve Sensor Malfunction
P1227	Ford	Wastegate Failed Closed (Over Pressure)
P1228	Ford	Wastegate Failed Open (Under Pressure)
P1229	Ford	Intercooler Pump Driver Fault
P1230	Ford	Fuel Pump Low Speed Malfunction
P1231	Ford	Fuel Pump Secondary Circuit Low, High Speed
P1232	Ford	Fuel Pump Speed Primary Circuit Malfunction
P1233	Ford	Fuel Pump Driver Module Off Line
P1234	Ford	Fuel Pump Driver Module Off Line
P1235	Ford	Fuel Pump Control Out Of Range
P1236	Ford	Fuel Pump Control Out Of Range
P1237	Ford	Fuel Pump Secondary Circuit Malfunction
P1238	Ford	Fuel Pump Secondary Circuit Malfunction
P1239	Ford	Speed Fuel Pump Positive Feed Fault
P1240	Ford	Sensor Power Supply Malfunction
P1241	Ford	Sensor Power Supply Low Input
P1242	Ford	Sensor Power Supply High Input
P1243	Ford	Second Fuel Pump Faulty or Ground Fault
P1244	Ford	Alternator Load Input Failed High
P1245	Ford	Alternator Load Input Failed Low
P1246	Ford	Alternator Load Input Failed
P1247	Ford	Turbo Boost Pressure Low
P1248	Ford	Turbo Boost Pressure Not Detected
P1249	Ford	Wastegate Control Valve Performance
P1250	Ford	PRC Solenoid Circuit Malfunction
P1251	Ford	Air Mixture Solenoid Circuit Malfunction
P1252	Ford	Pedal Correlation PDS1 and LPDS High
P1253	Ford	Pedal Correlation PDS1 and LPDS Low
P1254	Ford	Pedal Correlation PDS2 and LPDS High
P1255	Ford	Pedal Correlation PDS2 and LPDS Low
P1256	Ford	Pedal Correlation PDS1 and HPDS
P1257	Ford	Pedal Correlation PDS2 and HPDS
P1258	Ford	Pedal Correlation PDS1 and PDS2
P1259	Ford	Immobilizer to PCM Signal Error
P1260	Ford	THEFT Detected, Vehicle Immobilized
P1261	Ford	Cylinder #1 High To Low Side Short
P1262	Ford	Cylinder #2 High To Low Side Short
P1263	Ford	Cylinder #3 High To Low Side Short
P1264	Ford	Cylinder #4 High To Low Side Short
P1265	Ford	Cylinder #5 High To Low Side Short
P1266	Ford	Cylinder #6 High To Low Side Short
P1267	Ford	Cylinder #7 High To Low Side Short
P1268	Ford	Cylinder #8 High To Low Side Short
P1269	Ford	Immobilizer Code Not Programmed
P1270	Ford	Engine RPM Or Speed Limiter Reached
P1271	Ford	Cylinder #1 High To Low Side Open
P1272	Ford	Cylinder #2 High To Low Side Open
P1273	Ford	Cylinder #3 High To Low Side Open
P1274	Ford	Cylinder #4 High To Low Side Open
P1275	Ford	Cylinder #5 High To Low Side Open
P1276	Ford	Cylinder #6 High To Low Side Open
P1277	Ford	Cylinder #7 High To Low Side Open
P1278	Ford	Cylinder #8 High To Low Side Open
P1280	Ford	Injection Control Pressure Out Of Range Low
P1281	Ford	Injection Control Pressure Out Of Range High
P1282	Ford	Excessive Injection Control Pressure

P1283	Ford	IPR Circuit Failure
P1284	Ford	Aborted KOER - ICP Failure
P1285	Ford	Cylinder head over temp sensed
P1286	Ford	Fuel Pulse In Range But Lower Than Expected
P1287	Ford	Fuel Pulse In Range But Higher Than Expected
P1288	Ford	Cylinder Head Temp Sensor Out Of Self Test Range
P1289	Ford	Cylinder Head Temp Sensor High Input
P1290	Ford	Cylinder Head Temp Sensor Low Input
P1291	Ford	Injector High Side Short To GND Or VBATT - Bank 1
P1292	Ford	Injector High Side Short To GND Or VBATT - Bank 2
P1293	Ford	Injector High Side Open - Bank 1
P1294	Ford	Injector High Side Open - Bank 2/Target idle not reached
P1295	Ford	Multi-faults - Bank 1 - With Low Side Shorts
P1296	Ford	Multi-faults - Bank 2 - With Low Side Shorts
P1297	Ford	Injector High Sides Shorted Together
P1298	Ford	IDM Failure
P1299	Ford	Cylinder Head Overtemperature Protection Active
P1300	Ford	Boost Calibration Fault
P1301	Ford	Boost Calibration High
P1302	Ford	Boost Calibration Low
P1303	Ford	EGR Calibration Fault
P1304	Ford	EGR Calibration High
P1305	Ford	EGR Calibration Low
P1306	Ford	Kickdown Relay Pull - In Circuit Fault
P1307	Ford	Kickdown Relay Hold Circuit Fault
P1308	Ford	A/C Clutch Circuit Fault
P1309	Ford	Misfire Monitor AICE Chip Fault
P1313	Ford	Misfire Rate Catalyst Damage Fault - Bank 1
P1314	Ford	Misfire Rate Catalyst Damage Fault - Bank 2
P1315	Ford	Persistent Misfire
P1316	Ford	Injector Circuit / IDM Codes Detected
P1317	Ford	Injector Circuit / IDM Codes Not Updated
P1336	Ford	Crank / Cam Sensor Range / Performance
P1340	Ford	Camshaft Position Sensor B Circuit Malfunction
P1341	Ford	Camshaft Position Sensor B Range / Performance
P1345	Ford	SGC (Cam Position) Sensor Circuit Malfunction/ Crankshaft Position - Camshaft Position Correlation
P1346	Ford	Fuel Level Sensor B Circuit Malfunction
P1347	Ford	Fuel Level Sensor B Range / Performance
P1348	Ford	Fuel Level Sensor B Circuit Low
P1349	Ford	Fuel Level Sensor B Circuit High
P1350	Ford	Fuel Level Sensor B Intermittent/Bypass Line Monitor
P1351	Ford	IDM Input Circuit Malfunction/ Ignition Coil Control Circuit High Voltage
P1352	Ford	Ignition Coil A Primary Circuit Malfunction
P1353	Ford	Ignition Coil B Primary Circuit Malfunction
P1354	Ford	Ignition Coil C Primary Circuit Malfunction
P1355	Ford	Ignition Coil D Primary Circuit Malfunction
P1360	Ford	Ignition Coil A Secondary Circuit Malfunction
P1361	Ford	Ignition Control (IC) Circuit Low Voltage
P1362	Ford	Ignition Coil C Secondary Circuit Malfunction
P1363	Ford	Ignition Coil D Secondary Circuit Malfunction
P1364	Ford	Ignition Coil Primary Circuit Failure
P1365	Ford	Ignition Coil Secondary Circuit Failure
P1366	Ford	Ignition Spare
P1367	Ford	Ignition Spare
P1368	Ford	Ignition Spare
P1369	Ford	Engine Temperature Light Monitor Failure
P1370	Ford	Insufficient RMP Increase During Spark Test
P1371	Ford	Ignition Coil - Cylinder 1 - Early Activation Fault
P1372	Ford	Ignition Coil - Cylinder 2 - Early Activation Fault
P1373	Ford	Ignition Coil - Cylinder 3 - Early Activation Fault
P1374	Ford	Crankshaft Position (CKP)/Ignition Coil - Cylinder 4 - Early Activation Fault
P1375	Ford	Ignition Coil - Cylinder 5 - Early Activation Fault
P1376	Ford	Ignition Coil - Cylinder 6 - Early Activation Fault
P1380	Ford	Misfire Detected - Rough Road Data Not Available
P1381	Ford	Variable Cam Timing Overadvanced (Bank #1)/ Misfire Detected - No Communication with BCM
P1382	Ford	Variable Cam Timing Solenoid #1 Circuit Malfunction
P1383	Ford	Variable Cam Timing Overretarded (Bank #1)
P1384	Ford	VVT Solenoid A Malfunction
P1385	Ford	Variable Cam Timing Solenoid B Malfunction
P1386	Ford	Variable Cam Timing Overadvanced (Bank #2)
P1387	Ford	Variable Cam Timing Solenoid #2 Circuit Malfunction
P1388	Ford	Variable Cam Timing Overretarded (Bank #2)
P1389	Ford	Glow Plug Circuit High Side Low Input
P1390	Ford	Octane Adjust Pin Out Of Self Test Range
P1391	Ford	Glow Plug Circuit Low Input (Bank #1)
P1392	Ford	Glow Plug Circuit High Input (Bank #1)
P1393	Ford	Glow Plug Circuit Low Input (Bank #2)
P1394	Ford	Glow Plug Circuit High Input (Bank #2)

P1395	Ford	Glow Plug Monitor Fault (Bank #1)
P1396	Ford	Glow Plug Monitor Fault (Bank #2)
P1397	Ford	System Voltage Out Of Self Test Range
P1398	Ford	VVT Solenoid B Circuit High Input
P1399	Ford	Glow Plug Circuit High Side, High Input
P1400	Ford	DPFE Circuit Low Input
P1401	Ford	DPFE Circuit High Input
P1402	Ford	EGR Metering Orifice Restricted
P1403	Ford	DPFE Sensor Hoses Reversed
P1404	Ford	IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance
P1405	Ford	DPFE Sensor Upstream Hose Off Or Plugged
P1406	Ford	Exhaust Gas Recirculation (EGR) Position Sensor Performance
P1407	Ford	EGR No Flow Detected
P1408	Ford	EGR Flow Out Of Self Test Range
P1409	Ford	EVR Control Circuit Malfunction
P1411	Ford	SAI System Incorrect Downstream Flow Detected
P1413	Ford	SAI System Monitor Circuit Low Input
P1414	Ford	SAI System Monitor Circuit High Input
P1415	Ford	Air Pump Circuit Malfunction/ (AIR) System Bank 1
P1416	Ford	Port Air Circuit Malfunction/ (AIR) System Bank 2
P1417	Ford	Port Air Relief Circuit Malfunction
P1418	Ford	Split Air #1 Circuit Malfunction
P1419	Ford	Split Air #2 Circuit Malfunction
P1420	Ford	Catalyst Temperature Sensor Failure
P1421	Ford	Catalyst Damage
P1422	Ford	EGI Temperature Sensor Failure
P1423	Ford	EGI Functionality Test Failed
P1424	Ford	EGI Glow Plug Primary Failure
P1425	Ford	EGI Glow Plug Secondary Failure
P1426	Ford	EGI Mini - MAF Failed Out Of Range
P1427	Ford	EGI Mini - MAF Failed Short Circuit
P1428	Ford	EGI Mini - MAF Failed Open Circuit
P1429	Ford	Electric Air Pump Primary Failure
P1430	Ford	Electric Air Pump Secondary Failure
P1433	Ford	A/C Refrigerant Temperature Circuit Low
P1434	Ford	A/C Refrigerant Temperature Circuit High
P1435	Ford	A/C Refrigerant Temperature Circuit Range/Performance
P1436	Ford	A/C Evaporator Air Temperature Circuit Low
P1437	Ford	A/C Evaporator Air Temperature Circuit High
P1438	Ford	A/C Evaporator Air Temperature Circuit Range/Performance
P1439	Ford	Floor Temperature Switch Circuit Malfunction
P1440	Ford	Purge Valve Stuck Open
P1442	Ford	Evaporative Emission Control System Leak Detected
P1443	Ford	Evaporative Emission Control System Control Valve
P1444	Ford	Purge Flow Sensor Circuit Low Input
P1445	Ford	Purge Flow Sensor Circuit High Input
P1446	Ford	Evaporative Vac Solenoid Circuit Malfunction
P1447	Ford	ELC System Closure Valve Flow Fault
P1448	Ford	ELC System 2 Fault
P1449	Ford	Evaporative Check Solenoid Circuit Malfunction
P1450	Ford	Unable To Bleed Up Fuel Tank Vacuum
P1451	Ford	Evap Emission Control Sys Vent Control Valve Circuit
P1452	Ford	Unable To Bleed - Up Vacuum in Tank
P1453	Ford	Fuel Tank Pressure Relief Valve Malfunction
P1454	Ford	Evaporative System Vacuum Test Malfunction
P1455	Ford	Evap Emission Control Sys Leak Detected (Gross Leak/No Flow)
P1456	Ford	Fuel Tank Temperature Sensor Circuit Malfunction
P1457	Ford	Unable To Pull Vacuum In Tank
P1460	Ford	Wide open throttle A/C cutoff relay circuit
P1461	Ford	A/C pressure sensor circuit voltage low
P1462	Ford	A/C pressure sensor circuit voltage high
P1463	Ford	A/C Pressure Sensor Insufficient Pressure Change
P1464	Ford	A/C Demand Out of Self Test Range
P1465	Ford	A/C Relay Circuit Malfunction
P1466	Ford	A/C Refrigerant Temperature Sensor/Circuit Malfunction
P1467	Ford	A/C Compressor Temperature Sensor Malfunction
P1468	Ford	SSPOD Open Circuit or Closed Circuit Fault
P1469	Ford	Low A/C Cycling Period
P1470	Ford	A/C Cycling Period Too Short
P1471	Ford	Electrodrive Fan 1 Operational Failure (Driver Side)
P1472	Ford	Electrodrive Fan 2 Operational Failure (Passenger Side)
P1473	Ford	Fan Secondary High With Fan(s) Off
P1474	Ford	Low Fan Control Primary Circuit Malfunction
P1475	Ford	Fan Relay (Low) Circuit Malfunction
P1476	Ford	Fan Relay (High) Circuit Malfunction
P1477	Ford	Additional Fan Relay Circuit Malfunction
P1478	Ford	Cooling Fan Driver Fault
P1479	Ford	High Fan Control Primary Circuit Malfunction

P1480	Ford	Fan Secondary Low with Low Fan On
P1481	Ford	Fan Secondary Low With High Fan On
P1482	Ford	SCP
P1483	Ford	Power To Fan Circuit Overcurrent
P1484	Ford	Open Power To Ground VCRM
P1485	Ford	EGRV Circuit Malfunction
P1486	Ford	EGRA Circuit Malfunction
P1487	Ford	EGRCHK Solenoid Circuit Malfunction
P1490	Ford	Secondary Air Relief Solenoid Circuit Malfunction
P1491	Ford	Secondary Switch Solenoid Circuit Malfunction
P1492	Ford	APLSOL Solenoid Circuit Malfunction
P1493	Ford	RCNT Solenoid Circuit Malfunction
P1494	Ford	SPCUT Solenoid Circuit Malfunction
P1495	Ford	TCSPL Solenoid Circuit Malfunction
P1500	Ford	Vehicle Speed Sensor Intermittent
P1501	Ford	Vehicle Speed Sensor Out Of Self Test Range
P1502	Ford	Vehicle Speed Sensor Intermittent Malfunction
P1503	Ford	Auxillary Speed Sensor Fault
P1504	Ford	Idle Air Control Circuit Malfunction
P1505	Ford	Idle Air Control System At Adaptive Clip
P1506	Ford	Idle Air Control Overspeed Error
P1507	Ford	Idle Air Control Underspeed Error
P1508	Ford	Idle Control System Circuit Open
P1509	Ford	Idle Control System Circuit Shorted
P1510	Ford	Idle Signal Circuit Malfunction
P1511	Ford	Idle Switch (Electric Control Throttle) Circuit Malfunction
P1512	Ford	Intake Manifold Runner Control (Bank 1) Stuck Closed
P1513	Ford	Intake Manifold Runner Control (Bank 2) Stuck Closed
P1514	Ford	High Load Neutral/Drive Fault
P1515	Ford	Electric Current Circuit Malfunction
P1516	Ford	IMRC Input Error (Bank 1)
P1517	Ford	IMRC Input Error (Bank 2)
P1518	Ford	Intake Manifold Runner Control (Stuck Open)
P1519	Ford	Intake Manifold Runner Control (Stuck Closed)
P1520	Ford	Intake Manifold Runner Control Circuit Malfunction
P1521	Ford	Variable Intake Solenoid #1 Circuit Malfunction
P1522	Ford	Variable Intake Solenoid #2 Circuit Malfunction
P1523	Ford	IVC Solenoid Circuit Malfunction
P1524	Ford	Variable Intake Solenoid System
P1525	Ford	Air Bypass Valve System
P1526	Ford	Air Bypass System
P1527	Ford	Accelerate Warmup Solenoid Circuit Malfunction
P1528	Ford	Subsidiary Throttle Valve Solenoid Circuit Malfunction
P1529	Ford	SCAIR Solenoid Circuit Malfunction
P1530	Ford	A/C Clutch Circuit Malfunction
P1531	Ford	Invalid Test - Accelerator Pedal Movement
P1532	Ford	IMCC Circuit Malfunction, Bank B
P1533	Ford	AAI Circuit Malfunction
P1534	Ford	Inertia Switch Activated
P1535	Ford	Blower Fan Speed Circuit Range/Performance
P1536	Ford	Parking Brake Switch Circuit Failure
P1537	Ford	Intake Manifold Runner Control (Bank 1) Stuck Open
P1538	Ford	Intake Manifold Runner Control (Bank 2) Stuck Open
P1539	Ford	Power To A/C Clutch Circuit Overcurrent
P1540	Ford	Air Bypass Valve Circuit Malfunction
P1549	Ford	IMCC Circuit Malfunction, Bank B
P1550	Ford	PSPS Out Of Self Test Range
P1565	Ford	Speed Control Command Switch Out of Range High
P1566	Ford	Speed Control Command Switch Out of Range Low
P1567	Ford	Speed Control Output Circuit Continuity
P1568	Ford	Speed Control Unable to Hold Speed
P1571	Ford	Brake Switch Malfunction
P1572	Ford	Brake Pedal Switch Circuit Malfunction
P1573	Ford	Throttle Position Not Available
P1574	Ford	Throttle Position Sensor Disagreement btwn Sensors
P1575	Ford	Pedal Position Out of Self Test Range
P1576	Ford	Pedal Position Not Available
P1577	Ford	Pedal Position Sensor Disagreement btwn Sensors
P1578	Ford	ETC Power Less Than Demand
P1579	Ford	ETC In Power Limiting Mode
P1580	Ford	Electronic Throttle Monitor PCM Override
P1581	Ford	Electronic Throttle Monitor Malfunction
P1582	Ford	Electronic Throttle Monitor Data Available
P1583	Ford	Electronic Throttle Monitor Cruise Disable
P1584	Ford	TCU Detected IPE Circuit Malfunction
P1585	Ford	Throttle Control Unit Malfunction
P1586	Ford	Throttle Control Unit Throttle Position Malfunction
P1587	Ford	Throttle Control Unit Modulated Command Malfunction

P1588	Ford	Throttle Control Unit Detected Loss of Return Spring
P1589	Ford	TCU Unable To Control Desired Throttle Angle
P1600	Ford	Loss of KAM Power; Open Circuit
P1601	Ford	ECM/TCM Serial Communication Error
P1602	Ford	Immobilizer/ECM Communication Error
P1603	Ford	EEPROM Malfunction
P1604	Ford	Code Word Unregistered
P1605	Ford	Keep Alive Memory Test Failure
P1606	Ford	ECM Control Relay O/P Circuit Malfunction
P1607	Ford	MIL O/P Circuit Malfunction
P1608	Ford	Internal ECM Malfunction
P1609	Ford	Diagnostic Lamp Driver Fault
P1610	Ford	SBDS Interactive Codes
P1611	Ford	SBDS Interactive Codes
P1612	Ford	SBDS Interactive Codes
P1613	Ford	SBDS Interactive Codes
P1614	Ford	SBDS Interactive Codes
P1615	Ford	SBDS Interactive Codes
P1616	Ford	SBDS Interactive Codes
P1617	Ford	SBDS Interactive Codes
P1618	Ford	SBDS Interactive Codes
P1619	Ford	SBDS Interactive Codes
P1620	Ford	SBDS Interactive Codes
P1621	Ford	Control Module Long Term Memory Performance/ Immobilizer Code Words Do Not Match
P1622	Ford	Immobilizer ID Does Not Match
P1623	Ford	Immobilizer Code Word/ID Number Write Failure
P1624	Ford	Anti Theft System
P1625	Ford	B+ Supply To VCRM Fan Circuit Malfunction
P1626	Ford	Theft Deterrent Fuel Enable Signal Not Received/ B+ Supply To VCRM A/C Circuit Malfunction
P1627	Ford	Module Supply Voltage Out Of Range
P1628	Ford	Module Ignition Supply Input Malfunction
P1629	Ford	Internal Voltage Regulator Malfunction
P1630	Ford	Internal Vref Malfunction
P1631	Ford	Theft Deterrent Start Enable Signal Not Correct/ Main Relay Malfunction (Power Hold)
P1632	Ford	Smart Alternator Faults Sensor/Circuit Malfunction
P1633	Ford	KAM Voltage Too Low
P1634	Ford	Data Output Link Circuit Failure
P1635	Ford	Tire / Axle Ratio Out of Acceptable Range
P1636	Ford	Inductive Signature Chip Communication Error
P1637	Ford	Can Link ECM/ABSCM Circuit / Network Malfunction
P1638	Ford	Can Link ECM/INSTM Circuit / Network Malfunction
P1639	Ford	Vehicle ID Block Corrupted or Not Programmed
P1640	Ford	Powertrain DTCs Available in Another Module
P1641	Ford	Fuel Pump Primary Circuit Failure
P1642	Ford	Fuel Pump Monitor Circuit High Input
P1643	Ford	Fuel Pump Monitor Circuit Low Input
P1644	Ford	Fuel Pump Speed Control Circuit Malfunction
P1645	Ford	Fuel Pump Resistor Switch Circuit Malfunction
P1650	Ford	PSP Switch Out of Self Test Range
P1651	Ford	PSP Switch Input Malfunction
P1652	Ford	IAC Monitor Disabled by PSP Switch Failed On
P1653	Ford	Power Steering Output Circuit Malfunction
P1654	Ford	Recirculation Override Circuit Malfunction
P1655	Ford	Starter Disable Circuit Malfunction
P1660	Ford	Output Circuit Check Signal High
P1661	Ford	Output Circuit Check Signal Low
P1662	Ford	IDM_EN Circuit Failure
P1663	Ford	Fuel Demand Command Signal Circuit Malfunction
P1667	Ford	CI Circuit Malfunction
P1668	Ford	PCM - IDM Communications Error
P1670	Ford	Electronic Feedback Signal Not Detected
P1680	Ford	Metering Oil Pump Malfunction
P1681	Ford	Metering Oil Pump Malfunction
P1682	Ford	Metering Oil Pump Malfunction
P1683	Ford	Metering Oil Pump Temperature Sensor Circuit Malfunction
P1684	Ford	Metering Oil Pump Position Sensor Circuit Malfunction
P1685	Ford	Metering Oil Pump Stepping Motor Circuit Malfunction
P1686	Ford	Metering Oil Pump Stepping Motor Circuit Malfunction
P1687	Ford	Metering Oil Pump Stepping Motor Circuit Malfunction
P1688	Ford	Metering Oil Pump Stepping Motor Circuit Malfunction
P1689	Ford	Oil Pressure Control Solenoid Circuit Malfunction
P1690	Ford	Wastegate Solenoid Circuit Malfunction
P1691	Ford	Turbo Pressure Control Solenoid Circuit Malfunction
P1692	Ford	Turbo Control Solenoid Circuit Malfunction
P1693	Ford	Turbo Charge Control Circuit Malfunction
P1694	Ford	Turbo Charge Relief Circuit Malfunction
P1700	Ford	Transmission Indeterminate Failure (Failed to Neutral)
P1701	Ford	Reverse Engagement Error

P1702	Ford	TRS Circuit Intermittent Malfunction
P1703	Ford	Brake Switch Out Of Self Test Range
P1704	Ford	Digital TRS Failed to Transition States in KOEO / KOER
P1705	Ford	Not in P or N During KOEO / KOER
P1706	Ford	High Vehicle Speed Observed in Park
P1707	Ford	Transfer Case Neutral Indicator Hard Fault Present
P1708	Ford	Clutch Switch Circuit Malfunction
P1709	Ford	PNP Switch Out Of Self Test Range
P1711	Ford	TFT Sensor Out Of Self Test Range
P1712	Ford	Trans Torque Reduction Request Signal Malfunction
P1713	Ford	TFT Sensor In Range Failure Low Value
P1714	Ford	SSA Inductive Signature Malfunction
P1715	Ford	SSB Inductive Signature Malfunction
P1716	Ford	SSC Inductive Signature Malfunction
P1717	Ford	SSD Inductive Signature Malfunction
P1718	Ford	TFT Sensor In Range Failure High
P1720	Ford	Vehicle Speed (Meter) Circuit Malfunction
P1721	Ford	Gear 1 Incorrect Ratio
P1722	Ford	Gear 2 Incorrect Ratio
P1723	Ford	Gear 3 incorrect Ratio
P1724	Ford	Gear 4 Incorrect Ratio
P1725	Ford	Insufficient Engine Speed Increase During Self Test
P1726	Ford	Insufficient Engine Speed Decrease During Self Test
P1727	Ford	Coast Clutch Solenoid Inductive Signature Malfunction
P1728	Ford	Transmission Slip Error
P1729	Ford	4x4 Low Switch Error
P1730	Ford	Gear Control Malfunction 2,3,5
P1731	Ford	1-2 Shift Malfunction
P1732	Ford	2-3 Shift Malfunction
P1733	Ford	3-4 Shift Malfunction
P1734	Ford	Gear Control Malfunction
P1735	Ford	First Gear Switch Circuit Malfunction
P1736	Ford	Second Gear Switch Circuit Malfunction
P1737	Ford	Lockup Solenoid System
P1738	Ford	Shift Time Error
P1739	Ford	Slip Solenoid System
P1740	Ford	Torque Converter Clutch Inductive Signature Malfunction
P1741	Ford	Torque Converter Clutch Control Error
P1742	Ford	Torque Converter Clutch Solenoid Failed On
P1743	Ford	Torque Converter Clutch Solenoid Failed On
P1744	Ford	Torque Converter Clutch System Performance
P1745	Ford	Line Pressure Solenoid System
P1746	Ford	Pressure Control Solenoid "A" Open Circuit
P1747	Ford	Pressure Control Solenoid "A" Short Circuit
P1748	Ford	EPC Malfunction
P1749	Ford	Pressure Control Solenoid Failed Low
P1751	Ford	Shift Solenoid A Performance
P1754	Ford	Coast Clutch Solenoid Circuit Malfunction
P1755	Ford	Intermediate Speed Sensor (ISS) Malfunction
P1756	Ford	Shift Solenoid B Performance
P1760	Ford	Pressure Control Solenoid "A" Short Circuit
P1761	Ford	Shift Solenoid C Performance
P1762	Ford	Overdrive Band Failed Off
P1765	Ford	Timing Solenoid Circuit Malfunction
P1767	Ford	Torque Converter Clutch Circuit Malfunction
P1768	Ford	Performance / Normal / Winter Mode Input Malfunction
P1769	Ford	AG4 Transmission Torque Modulation Fault
P1770	Ford	Clutch Solenoid Circuit Malfunction
P1775	Ford	Transmission System MIL Fault
P1776	Ford	Ignition Retard Request Duration Fault
P1777	Ford	Ignition Retard Request Circuit Fault
P1778	Ford	Transmission Reverse I/P Circuit Malfunction
P1779	Ford	TCIL Circuit Malfunction
P1780	Ford	Trans Control Switch (O/D Cancel) Out of Self Test Range
P1781	Ford	4X4 Switch Out of Self Test Range
P1782	Ford	P/ES Circuit Out Of Self Test Range
P1783	Ford	Transmission Overtemperature Condition
P1784	Ford	Transmission Mechanical Failure - First And Reverse
P1785	Ford	Transmission Mechanical Failure - First And Second
P1786	Ford	3-2 Downshift Error
P1787	Ford	2-1 Downshift Error
P1788	Ford	Pressure Control Solenoid "B" Open Circuit
P1789	Ford	Pressure Control Solenoid "B" Short Circuit
P1790	Ford	TP (Mechanical) Circuit Malfunction
P1791	Ford	TP (Electric) Circuit Malfunction
P1792	Ford	Barometer Pressure Circuit Malfunction
P1793	Ford	Intake Air Volume Circuit Malfunction
P1794	Ford	Battery Voltage Circuit Malfunction

P1795	Ford	Idle Switch Circuit Malfunction
P1796	Ford	Kick Down Switch Circuit Malfunction
P1797	Ford	Neutral Switch Circuit Malfunction
P1798	Ford	Coolant Temperature Circuit Malfunction
P1799	Ford	Hold Switch Circuit Malfunction
P1800	Ford	Transmission Clutch Interlock Safety Switch Circuit Failure
P1801	Ford	Transmission Clutch Interlock Safety Switch Open Circuit
P1802	Ford	Transmission Clutch Interlock Safety Switch Short Circuit To Battery
P1803	Ford	Transmission Clutch Interlock Safety Switch Short Circuit To Ground
P1804	Ford	Transmission 4-Wheel Drive High Indicator Circuit Failure
P1805	Ford	Transmission 4-Wheel Drive High Indicator Open Circuit
P1806	Ford	Transmission 4-Wheel Drive High Indicator Short Circuit To Battery
P1807	Ford	Transmission 4-Wheel Drive High Indicator Short Circuit To Ground
P1808	Ford	Transmission 4-Wheel Drive Low Indicator Circuit Failure
P1809	Ford	Transmission 4-Wheel Drive Low Indicator Open Circuit
P1810	Ford	TFP Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator Short Circuit To Battery
P1811	Ford	Transmission 4-Wheel Drive Low Indicator Short Circuit To Ground
P1812	Ford	Transmission 4-Wheel Drive Mode Select Circuit Failure
P1813	Ford	Transmission 4-Wheel Drive Mode Select Open Circuit
P1814	Ford	Transmission 4-Wheel Drive Mode Select Short Circuit To Battery
P1815	Ford	Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1816	Ford	Transmission Neutral Safety Switch Circuit Failure
P1817	Ford	Transmission Neutral Safety Switch Open Circuit
P1818	Ford	Transmission Neutral Safety Switch Short Circuit To Battery
P1819	Ford	Transmission Neutral Safety Switch Short Circuit To Ground
P1820	Ford	Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1821	Ford	Transmission Transfer Case Clockwise Shift Relay Coil Open Circuit
P1822	Ford	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1823	Ford	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Ground
P1824	Ford	Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1825	Ford	Transmission 4-Wheel Drive Clutch Relay Open Circuit
P1826	Ford	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery
P1827	Ford	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Ground
P1828	Ford	Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
P1829	Ford	Transmission Transfer Case Counter Clockwise Shift Relay Coil Open Circuit
P1830	Ford	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery
P1831	Ford	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Ground
P1832	Ford	Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1833	Ford	Transmission Transfer Case Differential Lock-Up Solenoid Open Circuit
P1834	Ford	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
P1835	Ford	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Ground
P1836	Ford	Transmission Transfer Case Front Shaft Speed Sensor Circuit Failure
P1837	Ford	Transmission Transfer Case Rear Shaft Speed Sensor Circuit Failure
P1838	Ford	Transmission Transfer Case Shift Motor Circuit Failure
P1839	Ford	Transmission Transfer Case Shift Motor Open Circuit
P1840	Ford	Transmission Transfer Case Shift Motor Short Circuit To Battery
P1841	Ford	Transmission Transfer Case Shift Motor Short Circuit To Ground
P1842	Ford	Transmission Transfer Case Differential Lock-Up Feedback Switch Circuit Failure
P1843	Ford	Transmission Transfer Case Differential Lock-Up Feedback Switch Open Circuit
P1844	Ford	Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Battery
P1845	Ford	Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Ground
P1846	Ford	Transmission Transfer Case Contact Plate 'A' Circuit Failure
P1847	Ford	Transmission Transfer Case Contact Plate 'A' Open Circuit
P1848	Ford	Transmission Transfer Case Contact Plate 'A' Short Circuit To Battery
P1849	Ford	Transmission Transfer Case Contact Plate 'A' Short Circuit To Ground
P1850	Ford	Transmission Transfer Case Contact Plate 'B' Circuit Failure
P1851	Ford	Transmission Transfer Case Contact Plate 'B' Open Circuit
P1852	Ford	Transmission Transfer Case Contact Plate 'B' Short Circuit To Battery
P1853	Ford	Transmission Transfer Case Contact Plate 'B' Short Circuit To Ground
P1854	Ford	Transmission Transfer Case Contact Plate 'C' Circuit Failure
P1855	Ford	Transmission Transfer Case Contact Plate 'C' Open Circuit
P1856	Ford	Transmission Transfer Case Contact Plate 'C' Short Circuit To Battery
P1857	Ford	Transmission Transfer Case Contact Plate 'C' Short Circuit To Ground
P1858	Ford	Transmission Transfer Case Contact Plate 'D' Circuit Failure
P1859	Ford	Transmission Transfer Case Contact Plate 'D' Open Circuit
P1860	Ford	TCC PWM Solenoid Circuit Electrical/ Transmission Transfer Case Contact Plate 'D' Short Circuit To Battery
P1861	Ford	Transmission Transfer Case Contact Plate 'D' Short Circuit To Ground
P1862	Ford	Transmission Transfer Case Contact Plate Power Circuit Failure
P1863	Ford	Transmission Transfer Case Contact Plate Power Open Circuit
P1864	Ford	Transmission Transfer Case Contact Plate Power Short To Battery
P1865	Ford	Transmission Transfer Case Contact Plate Power Short To Ground
P1866	Ford	Transmission Transfer Case System Concern - Servicing Required
P1867	Ford	Transmission Transfer Case Contact Plate General Circuit Failure
P1868	Ford	Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Failure
P1869	Ford	Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Short To Battery
P1870	Ford	Transmission Component Slipping/ Transmission Mechanical Transfer Case 4x4 Switch Circuit Failure
P1871	Ford	Transmission Mechanical Transfer Case 4x4 Switch Circuit Short To Battery
P1872	Ford	Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Failure

P1873	Ford	Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Short To Battery
P1874	Ford	Transmission Automatic Hall Effect Sensor Power Circuit Failure
P1875	Ford	Transmission Automatic Hall Effect Sensor Power Circuit Short To Battery / 4WD Low Switch Circuit Electrical
P1876	Ford	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure
P1877	Ford	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery
P1878	Ford	Transmission Transfer Case Disengaged Solenoid Circuit Failure
P1879	Ford	Transmission Transfer Case Disengaged Solenoid Open Circuit
P1880	Ford	Transmission Transfer Case Disengaged Solenoid Short to Battery
P1881	Ford	Engine Coolant Level Switch Circuit Failure, GEM
P1882	Ford	Engine Coolant Level Switch Circuit Short to Ground
P1883	Ford	Engine Coolant Level Switch Circuit Failure, GEM
P1884	Ford	Engine Coolant Level Lamp Circuit Short to Ground
P1885	Ford	Transmission Transfer Case Disengaged Solenoid Short to Ground
P1886	Ford	4X4 Initialization Failure
P1890	Ford	Transmission 4WD Mode Select Return Input Circuit Failure
P1891	Ford	Transmission Transfer Case Contact Plate Ground Return Open Circuit
P1900	Ford	OSS Circuit Intermittent Malfunction
P1901	Ford	TSS Circuit Intermittent Malfunction
P1902	Ford	Pressure Control Solenoid "B" Intermittent Short
P1903	Ford	Pressure Control Solenoid "C" Short Circuit
P1904	Ford	Pressure Control Solenoid "C" Open Circuit
P1905	Ford	Pressure Control Solenoid "C" Intermittent Short
P1906	Ford	Kickdown Pull Relay Open or Short Circuit to Ground
P1907	Ford	Kickdown Hold Relay Open or Short Circuit to Ground
P1908	Ford	Transmission Pressure Circuit Solenoid Open or Short to Ground
P1909	Ford	Trans Temp Sensor Circuit Open or Shorted to Pwr or Gnd
P1910	Ford	VFS A Pressure Output Failed Low
P1911	Ford	VFS B Pressure Output Failed Low
P1912	Ford	VFS C Pressure Output Failed Low
P1913	Ford	Pressure Switch A Circuit Malfunction
P1914	Ford	Manually Shifted Automatic (MSA) Sw Circuit Malf
P1915	Ford	Reverse Switch Circuit Malfunction
P1916	Ford	High Clutch Drum Speed Sensor Malfunction
P1917	Ford	High Clutch Drum Speed Sensor Intermittent
P1918	Ford	Transmission Range Display Circuit Malfunction
U1058	Ford	J1850 SCP Trans Fluid Temp Invalid - Instr Clstr
U1059	Ford	J1850 SCP TranS/Transaxle PRNDL invalid - Instr Clstr
U1073	Ford	J1850 SCP Engine Coolent Invalid - Instr Clstr
U1262	Ford	J1850 SCP Comm Bus Fault - Instr Clstr
B0002	Generic	Driver Frontal Stage 2 Deployment Control (Subfault)
B0003	Generic	Driver Frontal Stage 3 Deployment Control (Subfault)
B0004	Generic	Driver Knee Bolster Deployment Control (Subfault)
B0005	Generic	Collapsible Steering Column Deployment Control (Subfault)
B0010	Generic	Passenger Frontal Stage 1 Deployment Control (Subfault)
B0011	Generic	Passenger Frontal Stage 2 Deployment Control (Subfault)
B0012	Generic	Passenger Frontal Stage 3 Deployment Control (Subfault)
B0013	Generic	Passenger Knee Bolster Deployment Control (Subfault)
B0020	Generic	Left Side Airbag Deployment Control (Subfault)
B0021	Generic	Left Curtain Deployment Control 1 (Subfault)
B0022	Generic	Left Curtain Deployment Control 2 (Subfault)
B0028	Generic	Right Side Airbag Deployment Control (Subfault)
B0029	Generic	Right Curtain Deployment Control 1 (Subfault)
B002A	Generic	Right Curtain Deployment Control 2 (Subfault)
B0030	Generic	Second Row Left Side Airbag Deployment Control (Subfault)
B0031	Generic	Second Row Left Frontal Stage 1 Deployment Control (Subfault)
B0032	Generic	Second Row Left Frontal Stage 2 Deployment Control (Subfault)
B0033	Generic	Second Row Left Frontal Stage 3 Deployment Control (Subfault)
B0038	Generic	Second Row Right Side Airbag Deployment Control (Subfault)
B0039	Generic	Second Row Right Frontal Stage 1 Deployment Control (Subfault)
B003A	Generic	Second Row Right Frontal Stage 2 Deployment Control (Subfault)
B003B	Generic	Second Row Right Frontal Stage 3 Deployment Control (Subfault)
B0040	Generic	Third Row Left Side Airbag Deployment Control (Subfault)
B0041	Generic	Third Row Left Frontal Stage 1 Deployment Control (Subfault)
B0042	Generic	Third Row Left Frontal Stage 2 Deployment Control (Subfault)
B0043	Generic	Third Row Left Frontal Stage 3 Deployment Control (Subfault)
B0048	Generic	Third Row Right Side Airbag Deployment Control (Subfault)
B0049	Generic	Third Row Right Frontal Stage 1 Deployment Control (Subfault)
B004A	Generic	Third Row Right Frontal Stage 2 Deployment Control (Subfault)
B004B	Generic	Third Row Right Frontal Stage 3 Deployment Control (Subfault)
B0050	Generic	Driver Seatbelt Sensor (Subfault)
B0051	Generic	First Row Center Seatbelt Sensor (Subfault)
B0052	Generic	Passenger Seatbelt Sensor (Subfault)
B0053	Generic	Second Row Left Seatbelt Sensor (Subfault)
B0054	Generic	Second Row Center Seatbelt Sensor (Subfault)
B0055	Generic	Second Row Right Seatbelt Sensor (Subfault)
B0056	Generic	Third Row Left Seatbelt Sensor (Subfault)
B0057	Generic	Third Row Center Seatbelt Sensor (Subfault)
B0058	Generic	Third Row Right Seatbelt Sensor (Subfault)

B0060	Generic	Driver Seatbelt Tension Sensor (Subfault)
B0061	Generic	Passenger Seatbelt Tension Sensor (Subfault)
B0070	Generic	Driver Seatbelt Pretensioner "A" Deployment Control (Subfault)
B0071	Generic	First Row Center Seatbelt Pretensioner Deployment Control (Subfault)
B0072	Generic	Passenger Seatbelt Pretensioner "A" Deployment Control (Subfault)
B0073	Generic	Second Row Left Seatbelt Pretensioner Deployment Control (Subfault)
B0074	Generic	Second Row Center Seatbelt Pretensioner Deployment Control (Subfault)
B0075	Generic	Second Row Right Seatbelt Pretensioner Deployment Control (Subfault)
B0076	Generic	Third Row Left Seatbelt Pretensioner Deployment Control (Subfault)
B0077	Generic	Third Row Center Seatbelt Pretensioner Deployment Control (Subfault)
B0078	Generic	Third Row Right Seatbelt Pretensioner Deployment Control (Subfault)
B0079	Generic	Driver Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007A	Generic	Passenger Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007B	Generic	Second Row Left Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007C	Generic	Second Row Right Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007D	Generic	Second Row Center Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007E	Generic	Driver Seatbelt Pretensioner "C" Deployment Control (Subfault)
B007F	Generic	Passenger Seatbelt Pretensioner "C" Deployment Control (Subfault)
B0080	Generic	Driver Seatbelt Load Limiter Deployment Control (Subfault)
B0081	Generic	First Row Center Seatbelt Load Limiter Deployment Control (Subfault)
B0082	Generic	Passenger Seatbelt Load Limiter Deployment Control (Subfault)
B0083	Generic	Second Row Left Seatbelt Load Limiter Deployment Control (Subfault)
B0084	Generic	Second Row Center Seatbelt Load Limiter Deployment Control (Subfault)
B0085	Generic	Second Row Right Seatbelt Load Limiter Deployment Control (Subfault)
B0086	Generic	Third Row Left Seatbelt Load Limiter Deployment Control (Subfault)
B0087	Generic	Third Row Center Seatbelt Load Limiter Deployment Control (Subfault)
B0088	Generic	Third Row Right Seatbelt Load Limiter Deployment Control (Subfault)
B0090	Generic	Left Frontal Restraints Sensor (Subfault)
B0091	Generic	Left Side Restraints Sensor 1 (Subfault)
B0092	Generic	Left Side Restraints Sensor 2 (Subfault)
B0093	Generic	Left Side Restraints Sensor 3 (Subfault)
B0094	Generic	Center Frontal Restraints Sensor (Subfault)
B0095	Generic	Right Frontal Restraints Sensor (Subfault)
B0096	Generic	Right Side Restraints Sensor 1 (Subfault)
B0097	Generic	Right Side Restraints Sensor 2 (Subfault)
B0098	Generic	Right Side Restraints Sensor 3 (Subfault)
B0099	Generic	Roll Over Sensor (Subfault)
B009A	Generic	Left Side Restraints Sensor 4 (Subfault)
B009B	Generic	Left Side Restraints Sensor 5 (Subfault)
B009C	Generic	Left Side Restraints Sensor 6 (Subfault)
B009D	Generic	Right Side Restraints Sensor 4 (Subfault)
B009E	Generic	Right Side Restraints Sensor 5 (Subfault)
B009F	Generic	Right Side Restraints Sensor 6 (Subfault)
B00A0	Generic	Occupant Classification System (Subfault)
B00A1	Generic	Occupant Position System (Subfault)
B00B0	Generic	Driver Seat Occupant Classification Sensor "A" (Subfault)
B00B1	Generic	Driver Seat Occupant Classification Sensor "B" (Subfault)
B00B2	Generic	Driver Seat Occupant Classification Sensor "C" (Subfault)
B00B3	Generic	Driver Seat Occupant Classification Sensor "D" (Subfault)
B00B4	Generic	Driver Seat Occupant Classification Sensor "E" (Subfault)
B00B5	Generic	Driver Seat Track Position Restraints Sensor (Subfault)
B00B6	Generic	Driver Seat Recline Position Restraints Sensor (Subfault)
B00B7	Generic	Driver Seat Occupant Position Sensor "A" (Subfault)
B00B8	Generic	Driver Seat Occupant Position Sensor "B" (Subfault)
B00B9	Generic	Driver Seat Occupant Position Sensor "C" (Subfault)
B00BA	Generic	Driver Seat Occupant Position Sensor "D" (Subfault)
B00BB	Generic	Driver Seat Occupant Position Sensor "E" (Subfault)
B00C0	Generic	Passenger Seat Occupant Classification Sensor "A" (Subfault)
B00C1	Generic	Passenger Seat Occupant Classification Sensor "B" (Subfault)
B00C2	Generic	Passenger Seat Occupant Classification Sensor "C" (Subfault)
B00C3	Generic	Passenger Seat Occupant Classification Sensor "D" (Subfault)
B00C4	Generic	Passenger Seat Occupant Classification Sensor "E" (Subfault)
B00C5	Generic	Passenger Seat Track Position Restraints Sensor (Subfault)
B00C6	Generic	Passenger Seat Recline Position Restraints Sensor (Subfault)
B00C7	Generic	Passenger Seat Occupant Position Sensor "A" (Subfault)
B00C8	Generic	Passenger Seat Occupant Position Sensor "B" (Subfault)
B00C9	Generic	Passenger Seat Occupant Position Sensor "C" (Subfault)
B00CA	Generic	Passenger Seat Occupant Position Sensor "D" (Subfault)
B00CB	Generic	Passenger Seat Occupant Position Sensor "E" (Subfault)
B00D0	Generic	Driver Seatbelt Indicator (Subfault)
B00D1	Generic	Passenger Seatbelt Indicator (Subfault)
B00D2	Generic	Restraint System Malfunction Indicator 1 (Subfault)
B00D3	Generic	Restraint System Malfunction Indicator 2 (Subfault)
B00D4	Generic	Restraint System Malfunction Audible Indicator (Subfault)
B00D5	Generic	Restraint System Passenger Disable Indicator (Subfault)
B00DF	Generic	Passenger Restraints Disable Switch (Subfault)
B00E0	Generic	Third Row Left Seatbelt Pretensioner "B" Deployment Control (Subfault)
B00E1	Generic	Third Row Right Seatbelt Pretensioner "B" Deployment Control (Subfault)

B00E2	Generic	Third Row Center Seatbelt Pretensioner "B" Deployment Control (Subfault)
B00E3	Generic	Second Row Left Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E4	Generic	Second Row Right Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E5	Generic	Second Row Center Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E6	Generic	Third Row Right Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E7	Generic	Third Row Left Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E8	Generic	Third Row Center Seatbelt Pretensioner "C" Deployment Control (Subfault)
C0001	Generic	TCS Control Channel "A" Valve 1 (Subfault)
C0002	Generic	TCS Control Channel "A" Valve 2 (Subfault)
C0003	Generic	TCS Control Channel "B" Valve 1 (Subfault)
C0004	Generic	TCS Control Channel "B" Valve 2 (Subfault)
C0010	Generic	Left Front Inlet Control (Subfault)
C0011	Generic	Left Front Outlet Control (Subfault)
C0012	Generic	Left Front Hydraulic Release Too Long (Subfault)
C0014	Generic	Right Front Inlet Control (Subfault)
C0015	Generic	Right Front Outlet Control (Subfault)
C0016	Generic	Right Front Hydraulic Release Too Long (Subfault)
C0018	Generic	Left Rear Inlet Control (Subfault)
C0019	Generic	Left Rear Outlet Control (Subfault)
C001A	Generic	Left Rear Hydraulic Release Too Long (Subfault)
C001C	Generic	Right Rear Inlet Control (Subfault)
C001D	Generic	Right Rear Outlet Control (Subfault)
C001E	Generic	Right Rear Hydraulic Release Too Long (Subfault)
C0020	Generic	ABS Pump Motor Control (Subfault)
C0021	Generic	Brake Booster Performance (Subfault)
C0022	Generic	Brake Booster Solenoid (Subfault)
C0023	Generic	Stop Lamp Control (Subfault)
C0030	Generic	Left Front Tone Wheel (Subfault)
C0031	Generic	Left Front Wheel Speed Sensor (Subfault)
C0032	Generic	Left Front Wheel Speed Sensor Supply (Subfault)
C0033	Generic	Right Front Tone Wheel (Subfault)
C0034	Generic	Right Front Wheel Speed Sensor (Subfault)
C0035	Generic	Right Front Wheel Speed Sensor Supply (Subfault)
C0036	Generic	Left Rear Tone Wheel (Subfault)
C0037	Generic	Left Rear Wheel Speed Sensor (Subfault)
C0038	Generic	Left Rear Wheel Speed Sensor Supply (Subfault)
C0039	Generic	Right Rear Tone Wheel (Subfault)
C003A	Generic	Right Rear Wheel Speed Sensor (Subfault)
C003B	Generic	Right Rear Wheel Speed Sensor Supply (Subfault)
C003C	Generic	Rear Tone Wheel (Subfault)
C003D	Generic	Rear Wheel Speed Sensor (Subfault)
C003E	Generic	Rear Wheel Speed Sensor Supply (Subfault)
C0040	Generic	Brake Pedal Switch "A" (Subfault)
C0041	Generic	Brake Pedal Switch "B" (Subfault)
C0042	Generic	Brake Pedal Position Sensor "Circuit A" (Subfault)
C0043	Generic	Brake Pedal Position Sensor "Circuit B" (Subfault)
C0044	Generic	Brake Pressure Sensor "A" (Subfault)
C0045	Generic	Brake Pressure Sensor "B" (Subfault)
C0046	Generic	Brake Pressure Sensor "A"/"B" (Subfault)
C0047	Generic	Brake Booster Pressure Sensor (Subfault)
C0048	Generic	Brake Booster Travel Sensor (Subfault)
C0049	Generic	Brake Fluid (Subfault)
C004A	Generic	Brake Lining Wear Sensor (Subfault)
C0051	Generic	Steering Wheel Position Sensor (Subfault)
C0052	Generic	Steering Wheel Position Sensor "Signal A" (Subfault)
C0053	Generic	Steering Wheel Position Sensor "Signal B" (Subfault)
C0054	Generic	Steering Wheel Position Sensor "Signal C" (Subfault)
C0055	Generic	Steering Wheel Position Sensor "Signal D" (Subfault)
C0061	Generic	Lateral Acceleration Sensor (Subfault)
C0062	Generic	Longitudinal Acceleration Sensor (Subfault)
C0063	Generic	Yaw Rate Sensor (Subfault)
C0064	Generic	Roll Rate Sensor
C0069	Generic	Yaw Rate/Longitude Sensors (Subfault)
C006A	Generic	Multi-axis Acceleration Sensor (Subfault)
C006B	Generic	Stability System Active Too Long (Subfault)
C006C	Generic	Stability System
C0071	Generic	2/4 Wheel Drive Status Input (Subfault)
C0072	Generic	Brake Temperature Too High (Subfault)
C0073	Generic	Delivered Driving Torque (Subfault)
C0074	Generic	Requested Driving Torque (Subfault)
C0075	Generic	Extended Brake Pedal Travel, output to PCM (Subfault)
C0076	Generic	PWM for Traction Control (Subfault)
C0077	Generic	Low Tire Pressure (Subfault)
C0078	Generic	Tire Diameter (Subfault)
C0079	Generic	Variable Effort Steering (Subfault)
C0081	Generic	ABS Malfunction Indicator (Subfault)
C0082	Generic	Brake System Malfunction Indicator (Subfault)
C0083	Generic	Tire Pressure Monitor Malfunction Indicator (Subfault)

C0084	Generic	Traction Active Indicator (Subfault)
C0085	Generic	Traction Disable Indicator (Subfault)
C0086	Generic	Vehicle Dynamics Indicator (Subfault)
C0089	Generic	TCS Disable Switch (Subfault)
C008A	Generic	TCS Mode Control (Subfault)
P0001	Generic	Fuel Volume Regulator Control Circuit/Open
P0002	Generic	Fuel Volume Regulator Control Circuit Range/Performance
P0003	Generic	Fuel Volume Regulator Control Circuit Low
P0004	Generic	Fuel Volume Regulator Control Circuit High
P0005	Generic	Fuel Shutoff Valve "A" Control Circuit/Open
P0006	Generic	Fuel Shutoff Valve "A" Control Circuit Low
P0007	Generic	Fuel Shutoff Valve "A" Control Circuit High
P0008	Generic	Engine Position System Performance Bank 1
P0009	Generic	Engine Position System Performance Bank 2
P000A	Generic	"A" Camshaft Position Slow Response Bank 1
P000B	Generic	"B" Camshaft Position Slow Response Bank 1
P000C	Generic	"A" Camshaft Position Slow Response Bank 2
P000D	Generic	"B" Camshaft Position Slow Response Bank 2
P000E	Generic	Fuel Volume Regulator Control Exceeded Learning Limit
P000F	Generic	Fuel System Over Pressure Relief Valve Activated
P0010	Generic	"A" Camshaft Position Actuator Circuit/Open Bank 1
P0011	Generic	"A" Camshaft Position - Timing Over-Advanced or System Performance Bank 1
P0012	Generic	"A" Camshaft Position - Timing Over-Retarded Bank 1
P0013	Generic	"B" Camshaft Position - Actuator Circuit/Open Bank 1
P0014	Generic	"B" Camshaft Position - Timing Over-Advanced or System Performance Bank 1
P0015	Generic	"B" Camshaft Position - Timing Over-Retarded Bank 1
P0016	Generic	Crankshaft Position - Camshaft Position Correlation Bank 1 Sensor A
P0017	Generic	Crankshaft Position - Camshaft Position Correlation Bank 1 Sensor B
P0018	Generic	Crankshaft Position - Camshaft Position Correlation Bank 2 Sensor A
P0019	Generic	Crankshaft Position - Camshaft Position Correlation Bank 2 Sensor B
P001A	Generic	"A" Camshaft Profile Control Circuit/Open Bank 1
P001B	Generic	"A" Camshaft Profile Control Circuit Low Bank 1
P001C	Generic	"A" Camshaft Profile Control Circuit High Bank 1
P001D	Generic	"A" Camshaft Profile Control Circuit/Open Bank 2
P001E	Generic	"A" Camshaft Profile Control Circuit Low Bank 2
P001F	Generic	"A" Camshaft Profile Control Circuit High Bank 2
P0020	Generic	"A" Camshaft Position Actuator Circuit/Open Bank 2
P0021	Generic	"A" Camshaft Position - Timing Over-Advanced or System Performance Bank 2
P0022	Generic	"A" Camshaft Position - Timing Over-Retarded Bank 2
P0023	Generic	"B" Camshaft Position - Actuator Circuit/Open Bank 2
P0024	Generic	"B" Camshaft Position - Timing Over-Advanced or System Performance Bank 2
P0025	Generic	"B" Camshaft Position - Timing Over-Retarded Bank 2
P0026	Generic	Intake Valve Control Solenoid Circuit Range/Performance Bank 1
P0027	Generic	Exhaust Valve Control Solenoid Circuit Range/Performance Bank 1
P0028	Generic	Intake Valve Control Solenoid Circuit Range/Performance Bank 2
P0029	Generic	Exhaust Valve Control Solenoid Circuit Range/Performance Bank 2
P002A	Generic	"B" Camshaft Profile Control Circuit/Open Bank 1
P002B	Generic	"B" Camshaft Profile Control Circuit Low Bank 1
P002C	Generic	"B" Camshaft Profile Control Circuit High Bank 1
P002D	Generic	"B" Camshaft Profile Control Circuit/Open Bank 2
P002E	Generic	"B" Camshaft Profile Control Circuit Low Bank 2
P002F	Generic	"B" Camshaft Profile Control Circuit High Bank 2
P0030	Generic	HO2S Heater Control Circuit Bank 1 Sensor 1
P0031	Generic	HO2S Heater Control Circuit Low Bank 1 Sensor 1
P0032	Generic	HO2S Heater Control Circuit High Bank 1 Sensor 1
P0033	Generic	Turbocharger/Supercharger Bypass Valve Control Circuit
P0034	Generic	Turbocharger/Supercharger Bypass Valve Control Circuit Low
P0035	Generic	Turbocharger/Supercharger Bypass Valve Control Circuit High
P0036	Generic	HO2S Heater Control Circuit Bank 1 Sensor 2
P0037	Generic	HO2S Heater Control Circuit Low Bank 1 Sensor 2
P0038	Generic	HO2S Heater Control Circuit High Bank 1 Sensor 2
P0039	Generic	Turbocharger/Supercharger Bypass Valve Control Circuit Range/Performance
P003A	Generic	Turbocharger/Supercharger Boost Control "A" Position Exceeded Learning Limit
P003B	Generic	Turbocharger/Supercharger Boost Control "B" Position Exceeded Learning Limit
P003C	Generic	"A" Camshaft Profile Control Performance/Stuck Off Bank 1
P003D	Generic	"A" Camshaft Profile Control Stuck On Bank 1
P003E	Generic	"A" Camshaft Profile Control Performance/Stuck Off Bank 2
P003F	Generic	"A" Camshaft Profile Control Stuck On Bank 2
P0040	Generic	O2 Sensor Signals Swapped Bank 1 Sensor 1/Bank 2 Sensor 1
P0041	Generic	O2 Sensor Signals Swapped Bank 1 Sensor 2/Bank 2 Sensor 2
P0042	Generic	HO2S Heater Control Circuit Bank 1 Sensor 3
P0043	Generic	HO2S Heater Control Circuit Low Bank 1 Sensor 3
P0044	Generic	HO2S Heater Control Circuit High Bank 1 Sensor 3
P0045	Generic	Turbocharger/Supercharger Boost Control "A" Circuit/Open
P0046	Generic	Turbocharger/Supercharger Boost Control "A" Circuit Range/Performance
P0047	Generic	Turbocharger/Supercharger Boost Control "A" Circuit Low
P0048	Generic	Turbocharger/Supercharger Boost Control "A" Circuit High
P0049	Generic	Turbocharger/Supercharger Turbine Overspeed

P004A	Generic	Turbocharger/Supercharger Boost Control "B" Circuit/Open
P004B	Generic	Turbocharger/Supercharger Boost Control "B" Circuit Range/Performance
P004C	Generic	Turbocharger/Supercharger Boost Control "B" Circuit Low
P004D	Generic	Turbocharger/Supercharger Boost Control "B" Circuit High
P004E	Generic	Turbocharger/Supercharger Boost Control "A" Circuit Intermittent/Erratic
P004F	Generic	Turbocharger/Supercharger Boost Control "B" Circuit Intermittent/Erratic
P0050	Generic	HO2S Heater Control Circuit Bank 2 Sensor 1
P0051	Generic	HO2S Heater Control Circuit Low Bank 2 Sensor 1
P0052	Generic	HO2S Heater Control Circuit High Bank 2 Sensor 1
P0053	Generic	HO2S Heater Resistance Bank 1 Sensor 1
P0054	Generic	HO2S Heater Resistance Bank 1 Sensor 2
P0055	Generic	HO2S Heater Resistance Bank 1 Sensor 3
P0056	Generic	HO2S Heater Control Circuit Bank 2 Sensor 2
P0057	Generic	HO2S Heater Control Circuit Low Bank 2 Sensor 2
P0058	Generic	HO2S Heater Control Circuit High Bank 2 Sensor 2
P0059	Generic	HO2S Heater Resistance Bank 2 Sensor 1
P005A	Generic	"B" Camshaft Profile Control Performance/Stuck Off Bank 1
P005B	Generic	"B" Camshaft Profile Control Stuck On Bank 1
P005C	Generic	"B" Camshaft Profile Control Performance/Stuck Off Bank 2
P005D	Generic	"B" Camshaft Profile Control Stuck On Bank 2
P005E	Generic	Turbocharger/Supercharger Boost Control "B" Supply Voltage Circuit Low
P005F	Generic	Turbocharger/Supercharger Boost Control "B" Supply Voltage Circuit High
P0060	Generic	HO2S Heater Resistance Bank 2 Sensor 2
P0061	Generic	HO2S Heater Resistance Bank 2 Sensor 3
P0062	Generic	HO2S Heater Control Circuit Bank 2 Sensor 3
P0063	Generic	HO2S Heater Control Circuit Low Bank 2 Sensor 3
P0064	Generic	HO2S Heater Control Circuit High Bank 2 Sensor 3
P0065	Generic	Air Assisted Injector Control Range/Performance
P0066	Generic	Air Assisted Injector Control Circuit or Circuit Low
P0067	Generic	Air Assisted Injector Control Circuit High
P0068	Generic	MAP/MAF - Throttle Position Correlation
P0069	Generic	Manifold Absolute Pressure - Barometric Pressure Correlation
P006A	Generic	MAP - Mass or Volume Air Flow Correlation Bank 1
P006B	Generic	MAP - Exhaust Pressure Correlation
P006C	Generic	MAP - Turbocharger/Supercharger Inlet Pressure Correlation
P006D	Generic	Barometric Pressure - Turbocharger/Supercharger Inlet Pressure Correlation
P006E	Generic	Turbocharger/Supercharger Boost Control "A" Supply Voltage Circuit Low
P006F	Generic	Turbocharger/Supercharger Boost Control "A" Supply Voltage Circuit High
P0070	Generic	Ambient Air Temperature Sensor Circuit
P0071	Generic	Ambient Air Temperature Sensor Range/Performance
P0072	Generic	Ambient Air Temperature Sensor Circuit Low
P0073	Generic	Ambient Air Temperature Sensor Circuit High
P0074	Generic	Ambient Air Temperature Sensor Circuit Intermittent
P0075	Generic	Intake Valve Control Solenoid Circuit Bank 1
P0076	Generic	Intake Valve Control Solenoid Circuit Low Bank 1
P0077	Generic	Intake Valve Control Solenoid Circuit High Bank 1
P0078	Generic	Exhaust Valve Control Solenoid Circuit Bank 1
P0079	Generic	Exhaust Valve Control Solenoid Circuit Low Bank 1
P007A	Generic	Charge Air Cooler Temperature Sensor Circuit Bank 1
P007B	Generic	Charge Air Cooler Temperature Sensor Circuit Range/Performance Bank 1
P007C	Generic	Charge Air Cooler Temperature Sensor Circuit Low Bank 1
P007D	Generic	Charge Air Cooler Temperature Sensor Circuit High Bank 1
P007E	Generic	Charge Air Cooler Temperature Sensor Circuit Intermittent/Erratic Bank 1
P007F	Generic	Charge Air Cooler Temperature Sensor Bank1/Bank2 Correlation
P0080	Generic	Exhaust Valve Control Solenoid Circuit High Bank 1
P0081	Generic	Intake Valve Control Solenoid Circuit Bank 2
P0082	Generic	Intake Valve Control Solenoid Circuit Low Bank 2
P0083	Generic	Intake Valve Control Solenoid Circuit High Bank 2
P0084	Generic	Exhaust Valve Control Solenoid Circuit Bank 2
P0085	Generic	Exhaust Valve Control Solenoid Circuit Low Bank 2
P0086	Generic	Exhaust Valve Control Solenoid Circuit High Bank 2
P0087	Generic	Fuel Rail/System Pressure - Too Low
P0088	Generic	Fuel Rail/System Pressure - Too High
P0089	Generic	Fuel Pressure Regulator 1 Performance
P008A	Generic	Low Pressure Fuel System Pressure - Too Low
P008B	Generic	Low Pressure Fuel System Pressure - Too High
P008C	Generic	Fuel Cooler Pump Control Circuit/Open
P008D	Generic	Fuel Cooler Pump Control Circuit Low
P008E	Generic	Fuel Cooler Pump Control Circuit High
P008F	Generic	Engine Coolant Temperature/Fuel Temperature Correlation
P0090	Generic	Fuel Pressure Regulator 1 Control Circuit/Open
P0091	Generic	Fuel Pressure Regulator 1 Control Circuit Low
P0092	Generic	Fuel Pressure Regulator 1 Control Circuit High
P0093	Generic	Fuel System Leak Detected - Large Leak
P0094	Generic	Fuel System Leak Detected - Small Leak
P0095	Generic	Intake Air Temperature Sensor 2 Circuit Bank 1
P0096	Generic	Intake Air Temperature Sensor 2 Circuit Range/Performance Bank 1
P0097	Generic	Intake Air Temperature Sensor 2 Circuit Low Bank 1

P0098	Generic	Intake Air Temperature Sensor 2 Circuit High Bank 1
P0099	Generic	Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic Bank 1
P009A	Generic	Intake Air Temperature/Ambient Air Temperature Correlation
P009B	Generic	Fuel Pressure Relief Control Circuit/Open
P009C	Generic	Fuel Pressure Relief Control Circuit Low
P009D	Generic	Fuel Pressure Relief Control Circuit High
P009E	Generic	Fuel Pressure Relief Control Performance/Stuck Off
P009F	Generic	Fuel Pressure Relief Control Stuck On
P00A0	Generic	Charge Air Cooler Temperature Sensor Circuit Bank 2
P00A1	Generic	Charge Air Cooler Temperature Sensor Circuit Range/Performance Bank 2
P00A2	Generic	Charge Air Cooler Temperature Sensor Circuit Low Bank 2
P00A3	Generic	Charge Air Cooler Temperature Sensor Circuit High Bank 2
P00A4	Generic	Charge Air Cooler Temperature Sensor Circuit Intermittent/Erratic Bank 2
P00A5	Generic	Intake Air Temperature Sensor 2 Circuit Bank 2
P00A6	Generic	Intake Air Temperature Sensor 2 Circuit Range/Performance Bank 2
P00A7	Generic	Intake Air Temperature Sensor 2 Circuit Low Bank 2
P00A8	Generic	Intake Air Temperature Sensor 2 Circuit High Bank 2
P00A9	Generic	Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic Bank 2
P00AA	Generic	Intake Air Temperature Sensor 1 Circuit Bank 2
P00AB	Generic	Intake Air Temperature Sensor 1 Circuit Range/Performance Bank 2
P00AC	Generic	Intake Air Temperature Sensor 1 Circuit Low Bank 2
P00AD	Generic	Intake Air Temperature Sensor 1 Circuit High Bank 2
P00AE	Generic	Intake Air Temperature Sensor 1 Circuit Intermittent Bank 2
P00AF	Generic	Turbocharger/Supercharger Boost Control "A" Module Performance
P00B0	Generic	Turbocharger/Supercharger Boost Control "B" Module Performance
P00B1	Generic	Radiator Coolant Temperature Sensor Circuit
P00B2	Generic	Radiator Coolant Temperature Sensor Circuit Range/Performance
P00B3	Generic	Radiator Coolant Temperature Sensor Circuit Low
P00B4	Generic	Radiator Coolant Temperature Sensor Circuit High
P00B5	Generic	Radiator Coolant Temperature Sensor Circuit Intermittent/Erratic
P00B6	Generic	Radiator Coolant Temperature/Engine Coolant Temperature Correlation
P00B7	Generic	Engine Coolant Flow Low/Performance
P00B8	Generic	MAP - Mass or Volume Air Flow Correlation Bank 2
P00B9	Generic	Low Pressure Fuel System Pressure - Too Low, Low Ambient Temperature
P00BA	Generic	Low Fuel Pressure - Forced Limited Power
P00BB	Generic	Fuel Injector Insufficient Flow - Forced Limited Power
P00BC	Generic	Mass or Volume Air Flow "A" Circuit Range/Performance ??? Air Flow Too Low
P00BD	Generic	Mass or Volume Air Flow "A" Circuit Range/Performance ??? Air Flow Too High
P00BE	Generic	Mass or Volume Air Flow "B" Circuit Range/Performance ??? Air Flow Too Low
P00BF	Generic	Mass or Volume Air Flow "B" Circuit Range/Performance ??? Air Flow Too High
P00C0	Generic	Turbocharger TC / supercharger SC / by - pass valve B - control circuit
P00C1	Generic	Turbocharger (TC)/supercharger (SC) bypass valve B - circuit low
P00C2	Generic	Turbocharger TC / supercharger SC bypass valve B - circuit high
P00C3	Generic	Turbocharger (TC)/supercharger (SC) B - circuit range/performance
P00C4	Generic	Turbocharger (TC)/supercharger (SC) bypass valve B - mechanical fault
P00C5	Generic	Turbocharger TC /supercharger SC B turbine shaft over speed condition
P00C6	Generic	Fuel rail pressure FRP - engine cranking - pressure too low
P00C7	Generic	Intake air pressure measurement system - multiple sensor correlation
P00C8	Generic	Fuel pressure regulator control solenoid - open circuit
P00C9	Generic	Fuel pressure regulator control solenoid - circuit low
P00CA	Generic	Fuel pressure regulator control solenoid - circuit high
P00CB	Generic	Fuel quantity adjuster - open circuit
P00CC	Generic	Fuel quantity adjuster - circuit low
P00CD	Generic	Fuel quantity adjuster - circuit high
P00CE	Generic	Intake air temperature (IAT) measurement system - multiple sensor correlation
P00CF	Generic	Barometric pressure BARO sensor / turbocharger TC / supercharger SC boost pressure sensor A - correlation
P00D0	Generic	Barometric pressure (BARO) sensor/turbocharger (TC)/supercharger (SC) boost pressure sensor B -correlation
P0100	Generic	Mass or Volume Air Flow "A" Circuit
P0101	Generic	Mass or Volume Air Flow "A" Circuit Range/Performance
P0102	Generic	Mass or Volume Air Flow "A" Circuit Low
P0103	Generic	Mass or Volume Air Flow "A" Circuit High
P0104	Generic	Mass or Volume Air Flow "A" Circuit Intermittent
P0105	Generic	Manifold Absolute Pressure/Barometric Pressure Circuit
P0106	Generic	Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance
P0107	Generic	Manifold Absolute Pressure/Barometric Pressure Circuit Low
P0108	Generic	Manifold Absolute Pressure/Barometric Pressure Circuit High
P0109	Generic	Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
P010A	Generic	Mass or Volume Air Flow "B" Circuit
P010B	Generic	Mass or Volume Air Flow "B" Circuit Range/Performance
P010C	Generic	Mass or Volume Air Flow "B" Circuit Low
P010D	Generic	Mass or Volume Air Flow "B" Circuit High
P010E	Generic	Mass or Volume Air Flow "B" Circuit Intermittent/Erratic
P010F	Generic	Mass or Volume Air Flow Sensor A/B Correlation
P0110	Generic	Intake Air Temperature Sensor 1 Circuit Bank 1
P0111	Generic	Intake Air Temperature Sensor 1 Circuit Range/Performance Bank 1
P0112	Generic	Intake Air Temperature Sensor 1 Circuit Low Bank 1
P0113	Generic	Intake Air Temperature Sensor 1 Circuit High Bank 1
P0114	Generic	Intake Air Temperature Sensor 1 Circuit Intermittent Bank 1

P0115	Generic	Engine Coolant Temperature Sensor 1 Circuit
P0116	Generic	Engine Coolant Temperature Sensor 1 Circuit Range/Performance
P0117	Generic	Engine Coolant Temperature Sensor 1 Circuit Low
P0118	Generic	Engine Coolant Temperature Sensor 1 Circuit High
P0119	Generic	Engine Coolant Temperature Sensor 1 Circuit Intermittent
P011A	Generic	Engine Coolant Temperature Sensor 1/2 Correlation
P011B	Generic	Engine Coolant Temperature/Intake Air Temperature Correlation
P011C	Generic	Charge Air Temperature/Intake Air Temperature Correlation Bank 1
P011D	Generic	Charge Air Temperature/Intake Air Temperature Correlation Bank 2
P011E	Generic	Engine coolant temperature (ECT) sensor 1/outside air temperature sensor - correlation
P011F	Generic	Engine coolant temperature (ECT) sensor 2/outside air temperature sensor - correlation
P0120	Generic	Throttle/Pedal Position Sensor/Switch "A" Circuit
P0121	Generic	Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance
P0122	Generic	Throttle/Pedal Position Sensor/Switch "A" Circuit Low
P0123	Generic	Throttle/Pedal Position Sensor/Switch "A" Circuit High
P0124	Generic	Throttle/Pedal Position Sensor/Switch "A" Circuit Intermittent
P0125	Generic	Insufficient Coolant Temperature for Closed Loop Fuel Control
P0126	Generic	Insufficient Coolant Temperature for Stable Operation
P0127	Generic	Intake Air Temperature Too High
P0128	Generic	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)
P0129	Generic	Barometric Pressure Too Low
P012A	Generic	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Downstream of throttle valve
P012B	Generic	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Range/Performance Downstream of throttle valve
P012C	Generic	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Low Downstream of throttle valve
P012D	Generic	Turbocharger/Supercharger Inlet Pressure Sensor Circuit High Downstream of throttle valve
P012E	Generic	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Intermittent/Erratic Downstream throttle valve
P0130	Generic	O2 Sensor Circuit Bank 1 Sensor 1
P0131	Generic	O2 Sensor Circuit Low Voltage Bank 1 Sensor 1
P0132	Generic	O2 Sensor Circuit High Voltage Bank 1 Sensor 1
P0133	Generic	O2 Sensor Circuit Slow Response Bank 1 Sensor 1
P0134	Generic	O2 Sensor Circuit No Activity Detected Bank 1 Sensor 1
P0135	Generic	O2 Sensor Heater Circuit Bank 1 Sensor 1
P0136	Generic	O2 Sensor Circuit Bank 1 Sensor 2
P0137	Generic	O2 Sensor Circuit Low Voltage Bank 1 Sensor 2
P0138	Generic	O2 Sensor Circuit High Voltage Bank 1 Sensor 2
P0139	Generic	O2 Sensor Circuit Slow Response Bank 1 Sensor 2
P013A	Generic	O2 Sensor Slow Response - Rich to Lean Bank 1 Sensor 2
P013B	Generic	O2 Sensor Slow Response - Lean to Rich Bank 1 Sensor 2
P013C	Generic	O2 Sensor Slow Response - Rich to Lean Bank 2 Sensor 2
P013D	Generic	O2 Sensor Slow Response - Lean to Rich Bank 2 Sensor 2
P013E	Generic	O2 Sensor Delayed Response - Rich to Lean Bank 1 Sensor 2
P013F	Generic	O2 Sensor Delayed Response - Lean to Rich Bank 1 Sensor 2
P0140	Generic	O2 Sensor Circuit No Activity Detected Bank 1 Sensor 2
P0141	Generic	O2 Sensor Heater Circuit Bank 1 Sensor 2
P0142	Generic	O2 Sensor Circuit Bank 1 Sensor 3
P0143	Generic	O2 Sensor Circuit Low Voltage Bank 1 Sensor 3
P0144	Generic	O2 Sensor Circuit High Voltage Bank 1 Sensor 3
P0145	Generic	O2 Sensor Circuit Slow Response Bank 1 Sensor 3
P0146	Generic	O2 Sensor Circuit No Activity Detected Bank 1 Sensor 3
P0147	Generic	O2 Sensor Heater Circuit Bank 1 Sensor 3
P0148	Generic	Fuel Delivery Error
P0149	Generic	Fuel Timing Error
P014A	Generic	O2 Sensor Delayed Response - Rich to Lean Bank 2 Sensor 2
P014B	Generic	O2 Sensor Delayed Response - Lean to Rich Bank 2 Sensor 2
P014C	Generic	O2 Sensor Slow Response - Rich to Lean Bank 1 Sensor 1
P014D	Generic	O2 Sensor Slow Response - Lean to Rich Bank 1 Sensor 1
P014E	Generic	O2 Sensor Slow Response - Rich to Lean Bank 2 Sensor 1
P014F	Generic	O2 Sensor Slow Response - Lean to Rich Bank 2 Sensor 1
P0150	Generic	O2 Sensor Circuit Bank 2 Sensor 1
P0151	Generic	O2 Sensor Circuit Low Voltage Bank 2 Sensor 1
P0152	Generic	O2 Sensor Circuit High Voltage Bank 2 Sensor 1
P0153	Generic	O2 Sensor Circuit Slow Response Bank 2 Sensor 1
P0154	Generic	O2 Sensor Circuit No Activity Detected Bank 2 Sensor 1
P0155	Generic	O2 Sensor Heater Circuit Bank 2 Sensor 1
P0156	Generic	O2 Sensor Circuit Bank 2 Sensor 2
P0157	Generic	O2 Sensor Circuit Low Voltage Bank 2 Sensor 2
P0158	Generic	O2 Sensor Circuit High Voltage Bank 2 Sensor 2
P0159	Generic	O2 Sensor Circuit Slow Response Bank 2 Sensor 2
P015A	Generic	O2 Sensor Delayed Response - Rich to Lean Bank 1 Sensor 1
P015B	Generic	O2 Sensor Delayed Response - Lean to Rich Bank 1 Sensor 1
P015C	Generic	O2 Sensor Delayed Response - Rich to Lean Bank 2 Sensor 1
P015D	Generic	O2 Sensor Delayed Response - Lean to Rich Bank 2 Sensor 1
P0160	Generic	O2 Sensor Circuit No Activity Detected Bank 2 Sensor 2
P0161	Generic	O2 Sensor Heater Circuit Bank 2 Sensor 2
P0162	Generic	O2 Sensor Circuit Bank 2 Sensor 3
P0163	Generic	O2 Sensor Circuit Low Voltage Bank 2 Sensor 3
P0164	Generic	O2 Sensor Circuit High Voltage Bank 2 Sensor 3
P0165	Generic	O2 Sensor Circuit Slow Response Bank 2 Sensor 3

P0166	Generic	O2 Sensor Circuit No Activity Detected Bank 2 Sensor 3
P0167	Generic	O2 Sensor Heater Circuit Bank 2 Sensor 3
P0168	Generic	Fuel Temperature Too High
P0169	Generic	Incorrect Fuel Composition
P016A	Generic	Excessive time to enter closed loop mixture control
P016B	Generic	Closed loop mixture control, limit reached ? system too rich
P016C	Generic	Closed loop mixture control, limit reached ? system too lean
P016D	Generic	Excessive time to enter closed loop fuel pressure control
P016E	Generic	Closed loop fuel pressure control, limit reached ? pressure too high
P016F	Generic	Closed loop fuel pressure control, limit reached ? pressure too low
P0170	Generic	Fuel trim (FT), bank 1 ? malfunction
P0171	Generic	System too lean, bank 1
P0172	Generic	System too rich, bank 1
P0173	Generic	Fuel trim (FT), bank 2 ? malfunction
P0174	Generic	System too lean, bank 2
P0175	Generic	System too rich, bank 2
P0176	Generic	Fuel composition sensor ? circuit malfunction
P0177	Generic	Fuel composition sensor ? range/performance problem
P0178	Generic	Fuel composition sensor ? low input
P0179	Generic	Fuel composition sensor ? high input
P017A	Generic	Cylinder head temperature (CHT) sensor ? circuit malfunction
P017B	Generic	Cylinder head temperature (CHT) sensor ? circuit range/performance
P017C	Generic	Cylinder head temperature (CHT) sensor ? circuit low
P017D	Generic	Cylinder head temperature (CHT) sensor ? circuit high
P017E	Generic	Cylinder head temperature (CHT) sensor ? circuit intermittent/erratic
P0180	Generic	Fuel temperature sensor A ? circuit malfunction
P0181	Generic	Fuel temperature sensor A ? range/performance problem
P0182	Generic	Fuel temperature sensor A ? low input
P0183	Generic	Fuel temperature sensor A ? high input
P0184	Generic	Fuel temperature sensor A ? circuit intermittent
P0185	Generic	Fuel temperature sensor B ? circuit malfunction
P0186	Generic	Fuel temperature sensor B ? range/performance problem
P0187	Generic	Fuel temperature sensor B ? low input
P0188	Generic	Fuel temperature sensor B ? high input
P0189	Generic	Fuel temperature sensor B ? circuit intermittent
P018A	Generic	Fuel pressure sensor B ? circuit malfunction
P018B	Generic	Fuel pressure sensor B ? circuit range/performance
P018C	Generic	Fuel pressure sensor B ? circuit low
P018D	Generic	Fuel pressure sensor B ? circuit high
P018E	Generic	Fuel pressure sensor B ? circuit intermittent/erratic
P018F	Generic	Fuel pressure relief system ? frequent activation
P0190	Generic	Fuel rail pressure (FRP) sensor ? circuit malfunction
P0191	Generic	Fuel rail pressure (FRP) sensor ? range/performance problem
P0192	Generic	Fuel rail pressure (FRP) sensor ? low input
P0193	Generic	Fuel rail pressure (FRP) sensor ? high input
P0194	Generic	Fuel rail pressure (FRP) sensor ? circuit intermittent
P0195	Generic	Engine oil temperature (EOT) sensor ? circuit malfunction
P0196	Generic	Engine oil temperature (EOT) sensor ? range/performance problem
P0197	Generic	Engine oil temperature (EOT) sensor ? low input
P0198	Generic	Engine oil temperature (EOT) sensor ? high input
P0199	Generic	Engine oil temperature (EOT) sensor ? circuit intermittent
P0200	Generic	Injector ? circuit malfunction
P0201	Generic	Injector 1 ? circuit malfunction
P0202	Generic	Injector 2 ? circuit malfunction
P0203	Generic	Injector 3 ? circuit malfunction
P0204	Generic	Injector 4 ? circuit malfunction
P0205	Generic	Injector 5 ? circuit malfunction
P0206	Generic	Injector 6 ? circuit malfunction
P0207	Generic	Injector 7 ? circuit malfunction
P0208	Generic	Injector 8 ? circuit malfunction
P0209	Generic	Injector 9 ? circuit malfunction
P020A	Generic	Injection timing, cylinder 1
P020B	Generic	Injection timing, cylinder 2
P020C	Generic	Injection timing, cylinder 3
P020D	Generic	Injection timing, cylinder 4
P020E	Generic	Injection timing, cylinder 5
P020F	Generic	Injection timing, cylinder 6
P0210	Generic	Injector 10 ? circuit malfunction
P0211	Generic	Injector 11 ? circuit malfunction
P0212	Generic	Injector 12 ? circuit malfunction
P0213	Generic	Cold start injector 1 ? circuit malfunction
P0214	Generic	Cold start injector 2 ? circuit malfunction
P0215	Generic	Fuel shut-off solenoid ? circuit malfunction
P0216	Generic	Fuel injection timing control ? circuit malfunction
P0217	Generic	Engine over temperature condition
P0218	Generic	Transmission over temperature condition
P0219	Generic	Engine over speed condition
P021A	Generic	Injection timing, cylinder 7

P021B	Generic	Injection timing, cylinder 8
P021C	Generic	Injection timing, cylinder 9
P021D	Generic	Injection timing, cylinder 10
P021E	Generic	Injection timing, cylinder 11
P021F	Generic	Injection timing, cylinder 12
P0220	Generic	Throttle position (TP) sensor B/accelerator pedal position (APP) sensor B ? circuit malfunction
P0221	Generic	Throttle position (TP) sensor B/accelerator pedal position (APP) sensor B ? range/performance problem
P0222	Generic	Throttle position (TP) sensor B/accelerator pedal position (APP) sensor B ? low input
P0223	Generic	Throttle position (TP) sensor B/accelerator pedal position (APP) sensor B ? high input
P0224	Generic	Throttle position (TP) sensor B/accelerator pedal position (APP) sensor B ? circuit intermittent
P0225	Generic	Throttle position (TP) sensor C/accelerator pedal position (APP) sensor C ? circuit malfunction
P0226	Generic	Throttle position (TP) sensor C/accelerator pedal position (APP) sensor C ? range/performance problem
P0227	Generic	Throttle position (TP) sensor C/accelerator pedal position (APP) sensor C ? low input
P0228	Generic	Throttle position (TP) sensor C/accelerator pedal position (APP) sensor C ? high input
P0229	Generic	Throttle position (TP) sensor C/accelerator pedal position (APP) sensor C ? circuit intermittent
P022A	Generic	Turbocharger (TC) intercooler bypass actuator A ? open circuit
P022B	Generic	Turbocharger (TC) intercooler bypass actuator control A ? circuit low
P022C	Generic	Turbocharger (TC) intercooler bypass actuator A ? circuit high
P022D	Generic	Turbocharger (TC) intercooler bypass actuator control B ? open circuit
P022E	Generic	Turbocharger (TC) intercooler bypass actuator control B ? circuit low
P022F	Generic	Turbocharger (TC) intercooler bypass actuator control B ? circuit high
P0230	Generic	Fuel pump relay ? circuit malfunction
P0231	Generic	Fuel pump relay ? circuit low
P0232	Generic	Fuel pump relay ? circuit high
P0233	Generic	Fuel pump relay ? circuit intermittent
P0234	Generic	Turbocharger (TC), engine boost condition ? limit exceeded
P0235	Generic	Turbocharger (TC) boost pressure sensor A/supercharger (SC) boost pressure sensor A ? circuit malfunction
P0236	Generic	Turbocharger (TC) boost pressure sensor A/supercharger (SC) boost pressure sensor A ? range/performance problem
P0237	Generic	Turbocharger (TC) boost pressure sensor/supercharger (SC) boost pressure sensor A ? low input
P0238	Generic	Turbocharger (TC) boost pressure sensor A/supercharger (SC) boost pressure sensor A ? high input
P0239	Generic	Turbocharger (TC) boost pressure sensor B/supercharger (SC) boost pressure sensor ? circuit malfunction
P023A	Generic	Turbocharger (TC) intercooler coolant pump ? open circuit
P023B	Generic	Turbocharger (TC) intercooler coolant pump ? circuit low
P023C	Generic	Turbocharger (TC) intercooler coolant pump ? control circuit high
P023D	Generic	Manifold absolute pressure (MAP) sensor/turbocharger (TC)/supercharger (SC) boost pressure sensor A ? correlation
P023E	Generic	Manifold absolute pressure (MAP) sensor/turbocharger (TC)/supercharger (SC) boost pressure sensor B ? correlation
P023F	Generic	Fuel pump (FP), secondary ? open circuit
P0240	Generic	Turbocharger (TC) boost pressure sensor B/supercharger (SC) boost pressure sensor B ? range/performance problem
P0241	Generic	Turbocharger (TC) boost pressure sensor B/supercharger (SC) boost pressure sensor B ? low input
P0242	Generic	Turbocharger (TC) boost pressure sensor B/supercharger (SC) boost pressure sensor B ? high input
P0243	Generic	Turbocharger (TC) wastegate regulating valve A ? circuit malfunction
P0244	Generic	Turbocharger (TC) wastegate regulating valve A ? range/performance problem
P0245	Generic	Turbocharger (TC) wastegate regulating valve A ? circuit low
P0246	Generic	Turbocharger (TC) wastegate regulating valve A ? circuit high
P0247	Generic	Turbocharger (TC) wastegate regulating valve B ? circuit malfunction
P0248	Generic	Turbocharger (TC) wastegate regulating valve B ? range/performance problem
P0249	Generic	Turbocharger (TC) wastegate regulating valve B ? circuit low
P024A	Generic	Turbocharger (TC) intercooler bypass actuator A ? range/performance problem
P024B	Generic	Turbocharger (TC) intercooler bypass actuator A ? actuator stuck
P024C	Generic	Turbocharger (TC) intercooler bypass actuator position sensor A ? circuit malfunction
P024D	Generic	Charge air cooler bypass position sensor A ? circuit range/performance
P024E	Generic	Turbocharger (TC) intercooler bypass actuator position sensor A ? circuit low
P024F	Generic	Turbocharger (TC) intercooler bypass actuator position sensor A ? circuit high
P0250	Generic	Turbocharger (TC) wastegate regulating valve B ? circuit high
P0251	Generic	Injection pump fuel metering control A, cam/rotor/injector ? circuit malfunction
P0252	Generic	Injection pump fuel metering control A, cam/rotor/injector ? range/performance problem
P0253	Generic	Injection pump fuel metering control A, cam/rotor/injector ? circuit low
P0254	Generic	Injection pump fuel metering control A, cam/rotor/injector ? circuit high
P0255	Generic	Injection pump fuel metering control A, cam/rotor/injector ? circuit intermittent
P0256	Generic	Injection pump fuel metering control B, cam/rotor/injector ? circuit malfunction
P0257	Generic	Injection pump fuel metering control B, cam/rotor/injector ? range/performance problem
P0258	Generic	Injection pump fuel metering control B, cam/rotor/injector ? circuit low
P0259	Generic	Injection pump fuel metering control B, cam/rotor/injector ? circuit high
P025A	Generic	Fuel pump (FP) control module ? open circuit
P025B	Generic	Fuel pump (FP) control module ? circuit range/performance
P025C	Generic	Fuel pump (FP) control module ? circuit low
P025D	Generic	Fuel pump (FP) control module ? circuit high
P025E	Generic	Turbocharger (TC)/supercharger (SC) boost pressure sensor A ? intermittent/erratic signal
P025F	Generic	Turbocharger (TC)/supercharger (SC) boost pressure sensor B ? intermittent/erratic signal
P0260	Generic	Injection pump fuel metering control B, cam/rotor/injector ? circuit intermittent
P0261	Generic	Injector 1 ? circuit low
P0262	Generic	Injector 1 ? circuit high
P0263	Generic	Cylinder 1 ? contribution/balance fault
P0264	Generic	Injector 2 ? circuit low
P0265	Generic	Injector 2 ? circuit high
P0266	Generic	Cylinder 2 ? contribution/balance fault
P0267	Generic	Injector 3 ? circuit low
P0268	Generic	Injector 3 ? circuit high

P0269	Generic	Cylinder 3 ? contribution/balance fault
P026A	Generic	Intercooler ? efficiency below threshold
P026B	Generic	Injection timing ? performance problem
P026C	Generic	Fuel injection quantity ? quantity lower than expected
P026D	Generic	Fuel injection quantity ? quantity higher than expected
P0270	Generic	Injector 4 ? circuit low
P0271	Generic	Injector 4 ? circuit high
P0272	Generic	Cylinder 4 ? contribution/balance fault
P0273	Generic	Injector 5 ? circuit low
P0274	Generic	Injector 5 ? circuit high
P0275	Generic	Cylinder 5 ? contribution/balance fault
P0276	Generic	Injector 6 ? circuit low
P0277	Generic	Injector 6 ? circuit high
P0278	Generic	Cylinder 6 ? contribution/balance fault
P0279	Generic	Injector 7 ? circuit low
P027A	Generic	Fuel pump control module B ? open circuit
P027B	Generic	Fuel pump control module B ? circuit range/performance
P027C	Generic	Fuel pump control module B ? circuit low
P027D	Generic	Fuel pump control module B ? circuit high
P0280	Generic	Injector 7 ? circuit high
P0281	Generic	Cylinder 7 ? contribution/balance fault
P0282	Generic	Injector 8 ? circuit low
P0283	Generic	Injector 8 ? circuit high
P0284	Generic	Cylinder 8 ? contribution/balance fault
P0285	Generic	Injector 9 ? circuit low
P0286	Generic	Injector 9 ? circuit high
P0287	Generic	Cylinder 9 ? contribution/balance fault
P0288	Generic	Injector 10 ? circuit low
P0289	Generic	Injector 10 ? circuit high
P0290	Generic	Cylinder 10 ? contribution/balance fault
P0291	Generic	Injector 11 ? circuit low
P0292	Generic	Injector 11 ? circuit high
P0293	Generic	Cylinder 11 ? contribution/balance fault
P0294	Generic	Injector 12 ? circuit low
P0295	Generic	Injector 12 ? circuit high
P0296	Generic	Cylinder 12 ? contribution/balance fault
P0297	Generic	Vehicle over-speed condition
P0298	Generic	Engine oil temperature too high
P0299	Generic	Turbocharger (TC)/supercharger (SC) ? low boost
P029A	Generic	Fuel trim (FT), cylinder 1 ? maximum control limit reached
P029B	Generic	Fuel trim (FT), cylinder 1 ? minimum control limit reached
P029C	Generic	Injector 1 ? blockage
P029D	Generic	Injector 1 ? leak
P029E	Generic	Fuel trim (FT), cylinder 2 ? maximum control limit reached
P029F	Generic	Fuel trim (FT), cylinder 2 ? minimum control limit reached
P02A0	Generic	Injector 2 ? leak
P02A1	Generic	Injector 2 ? leak
P02A2	Generic	Fuel trim (FT), cylinder 3 ? maximum control limit reached
P02A3	Generic	Fuel trim (FT), cylinder 3 ? minimum control limit reached
P02A4	Generic	Injector 3 ? leak
P02A5	Generic	Injector 3 ? leak
P02A6	Generic	Fuel trim (FT), cylinder 4 ? maximum control limit reached
P02A7	Generic	Fuel trim (FT), cylinder 4 ? minimum control limit reached
P02A8	Generic	Injector 4 ? leak
P02A9	Generic	Injector 4 ? leak
P02AA	Generic	Fuel trim (FT), cylinder 5 ? maximum control limit reached
P02AB	Generic	Fuel trim (FT), cylinder 5 ? minimum control limit reached
P02AC	Generic	Cylinder 5 ? injector leaking
P02AD	Generic	Injector 5 ? leak
P02AE	Generic	Fuel trim (FT), cylinder 6 ? maximum control limit reached
P02AF	Generic	Fuel trim (FT), cylinder 6 ? minimum control limit reached
P02B0	Generic	Injector 6 ? leak
P02B1	Generic	Injector 6 ? leak
P02B2	Generic	Fuel trim (FT), cylinder 7 ? maximum control limit reached
P02B3	Generic	Fuel trim (FT), cylinder 7 ? minimum control limit reached
P02B4	Generic	Injector 7 ? leak
P02B5	Generic	Injector 7 ? leak
P02B6	Generic	Fuel trim (FT), cylinder 8 ? maximum control limit reached
P02B7	Generic	Fuel trim (FT), cylinder 8 ? minimum control limit reached
P02B8	Generic	Injector 8 ? leak
P02B9	Generic	Injector 8 ? leak
P02BA	Generic	Fuel trim (FT), cylinder 9 ? maximum control limit reached
P02BB	Generic	Injector 9 ? offset learning at minimum limit
P02BC	Generic	Injector 9 ? leak
P02BD	Generic	Injector 9 ? leak
P02BE	Generic	Fuel trim (FT), cylinder 10 ? maximum control limit reached
P02BF	Generic	Fuel trim (FT), cylinder 10 ? minimum control limit reached
P02C0	Generic	Injector 10 ? leak

P02C1	Generic	Injector 10 ? leak
P02C2	Generic	Fuel trim (FT), cylinder 11 ? maximum control limit reached
P02C3	Generic	Fuel trim (FT), cylinder 11 ? minimum control limit reached
P02C4	Generic	Injector 11 ? leak
P02C5	Generic	Injector 11 ? leak
P02C6	Generic	Fuel trim (FT), cylinder 12 ? maximum control limit reached
P02C7	Generic	Fuel trim (FT), cylinder 12 ? minimum control limit reached
P02C8	Generic	Injector 12 ? blockage
P02C9	Generic	Injector 12 ? leak
P02CA	Generic	Turbocharger (TC)/supercharger (SC) B ? overboost condition
P02CB	Generic	Turbocharger (TC)/supercharger (SC) B ? underboost condition
P02CC	Generic	Injector 1 ? offset learning at minimum limit
P02CD	Generic	Injector 1 ? offset learning at maximum limit
P02CE	Generic	Injector 2 ? offset learning at minimum limit
P02CF	Generic	Injector 2 ? offset learning at maximum limit
P02D0	Generic	Injector 3 ? offset learning at minimum limit
P02D1	Generic	Injector 3 ? offset learning at maximum limit
P02D2	Generic	Injector 4 ? offset learning at minimum limit
P02D3	Generic	Injector 4 ? offset learning at maximum limit
P02D4	Generic	Injector 5 ? offset learning at minimum limit
P02D5	Generic	Injector 5 ? offset learning at maximum limit
P02D6	Generic	Injector 6 ? offset learning at minimum limit
P02D7	Generic	Injector 6 ? offset learning at maximum limit
P02D8	Generic	Injector 7 ? offset learning at minimum limit
P02D9	Generic	Injector 7 ? offset learning at maximum limit
P02DA	Generic	Injector 8 ? offset learning at minimum limit
P02DB	Generic	Injector 8 ? offset learning at maximum limit
P02DC	Generic	Injector 9 ? offset learning at minimum limit
P02DD	Generic	Injector 9 ? offset learning at maximum limit
P02DE	Generic	Injector 10 ? offset learning at minimum limit
P02DF	Generic	Injector 10 ? offset learning at maximum limit
P02E0	Generic	Intake air flap control actuator ? open circuit
P02E1	Generic	Intake air flap control actuator ? performance problem
P02E2	Generic	Intake air flap control actuator ? circuit low
P02E3	Generic	Intake air flap control actuator ? circuit high
P02E4	Generic	Intake air flap control actuator ? actuator stuck open
P02E5	Generic	Intake air flap control actuator ? actuator stuck closed
P02E6	Generic	Intake air flap control actuator position sensor ? circuit malfunction
P02E7	Generic	Intake air flap control actuator position sensor ? range/performance
P02E8	Generic	Intake air flap control actuator position sensor ? circuit low
P02E9	Generic	Intake air flap control actuator position sensor ? circuit high
P02EA	Generic	Intake air flap control actuator position sensor ? circuit intermittent/erratic
P02EB	Generic	Diesel intake air flow control motor ? current range/performance
P02EC	Generic	Diesel intake air flow control system ? high air flow detected
P02ED	Generic	Diesel intake air flow control system ? low air flow detected
P02EE	Generic	Injector 1 ? circuit range/performance
P02EF	Generic	Injector 2 ? circuit range/performance
P02F0	Generic	Injector 3 ? circuit range/performance
P02F1	Generic	Injector 4 ? circuit range/performance
P02F2	Generic	Injector 5 ? circuit range/performance
P02F3	Generic	Injector 6 ? circuit range/performance
P02F4	Generic	Injector 7 ? circuit range/performance
P02F5	Generic	Injector 8 ? circuit range/performance
P02F6	Generic	Injector 9 ? circuit range/performance
P02F7	Generic	Injector 10 ? circuit range/performance
P02F8	Generic	Injector 11 ? circuit range/performance
P02F9	Generic	Injector 12 ? circuit range/performance
P02FA	Generic	Diesel intake air flow position sensor ? minimum/maximum stop performance
P0300	Generic	Random/multiple cylinder(s) ? misfire detected
P0301	Generic	Cylinder 1 ? misfire detected
P0302	Generic	Cylinder 2 ? misfire detected
P0303	Generic	Cylinder 3 ? misfire detected
P0304	Generic	Cylinder 4 ? misfire detected
P0305	Generic	Cylinder 5 ? misfire detected
P0306	Generic	Cylinder 6 ? misfire detected
P0307	Generic	Cylinder 7 ? misfire detected
P0308	Generic	Cylinder 8 ? misfire detected
P0309	Generic	Cylinder 9 ? misfire detected
P0310	Generic	Cylinder 10 ? misfire detected
P0311	Generic	Cylinder 11 ? misfire detected
P0312	Generic	Cylinder 12 ? misfire detected
P0313	Generic	Misfire detected ? low fuel level
P0314	Generic	Single cylinder misfire ? cylinder not specified
P0315	Generic	Crankshaft position system ? variation not learned
P0316	Generic	Misfire detected during start-up ? first 1000 revolutions
P0317	Generic	Rough road hardware not present
P0318	Generic	Rough road sensor A ? circuit malfunction
P0319	Generic	Rough road sensor B ? circuit malfunction

P0320	Generic	Crankshaft position (CKP) sensor/engine speed (RPM) sensor ? circuit malfunction
P0321	Generic	Crankshaft position (CKP) sensor/engine speed (RPM) sensor ? range/performance problem
P0322	Generic	Crankshaft position (CKP) sensor/engine speed (RPM) sensor ? no signal
P0323	Generic	Crankshaft position (CKP) sensor/engine speed (RPM) sensor ? circuit intermittent
P0324	Generic	Knock control system error
P0325	Generic	Knock sensor (KS) 1, bank 1 ? circuit malfunction
P0326	Generic	Knock sensor (KS) 1, bank 1 ? range/performance problem
P0327	Generic	Knock sensor (KS) 1, bank 1 ? low input
P0328	Generic	Knock sensor (KS) 1, bank 1 ? high input
P0329	Generic	Knock sensor (KS) 1, bank 1 ? circuit intermittent
P032A	Generic	Knock sensor (KS) 3, bank 1 ? circuit malfunction
P032B	Generic	Knock sensor (KS) 3, bank 1 ? circuit range/performance
P032C	Generic	Knock sensor (KS) 3, bank 1 ? circuit low
P032D	Generic	Knock sensor (KS) 3, bank 1 ? circuit high
P032E	Generic	Knock sensor (KS) 3, bank 1 ? circuit intermittent
P0330	Generic	Knock sensor (KS) 2, bank 2 ? circuit malfunction
P0331	Generic	Knock sensor (KS) 2, bank 2 ? range/performance problem
P0332	Generic	Knock sensor (KS) 2, bank 2 ? low input
P0333	Generic	Knock sensor (KS) 2, bank 2 ? high input
P0334	Generic	Knock sensor (KS) 2, bank 2 ? circuit intermittent
P0335	Generic	Crankshaft position (CKP) sensor ? circuit malfunction
P0336	Generic	Crankshaft position (CKP) sensor ? range/performance problem
P0337	Generic	Crankshaft position (CKP) sensor ? low input
P0338	Generic	Crankshaft position (CKP) sensor ? high input
P0339	Generic	Crankshaft position (CKP) sensor ? circuit intermittent
P033A	Generic	Knock sensor (KS) 4, bank 2 ? circuit malfunction
P033B	Generic	Knock sensor (KS) 4, bank 2 ? circuit range/performance
P033C	Generic	Knock sensor (KS) 4, bank 2 ? circuit low
P033D	Generic	Knock sensor (KS) 4, bank 2 ? circuit high
P033E	Generic	Knock sensor (KS) 4, bank 2 ? circuit intermittent
P0340	Generic	Camshaft position (CMP) sensor A, bank 1 ? circuit malfunction
P0341	Generic	Camshaft position (CMP) sensor A, bank 1 ? range/performance problem
P0342	Generic	Camshaft position (CMP) sensor A, bank 1 ? low input
P0343	Generic	Camshaft position (CMP) sensor A, bank 1 ? high input
P0344	Generic	Camshaft position (CMP) sensor A, bank 1 ? circuit intermittent
P0345	Generic	Camshaft position (CMP) sensor A, bank 2 ? circuit malfunction
P0346	Generic	Camshaft position (CMP) sensor A, bank 2 ? range/performance problem
P0347	Generic	Camshaft position (CMP) sensor A, bank 2 ? low input
P0348	Generic	Camshaft position (CMP) sensor A, bank 2 ? high input
P0349	Generic	Camshaft position (CMP) sensor A, bank 2 ? circuit intermittent
P0350	Generic	Ignition coil, primary/secondary ? circuit malfunction
P0351	Generic	Ignition coil A, primary/secondary ? circuit malfunction
P0352	Generic	Ignition coil B, primary/secondary ? circuit malfunction
P0353	Generic	Ignition coil C, primary/secondary ? circuit malfunction
P0354	Generic	Ignition coil D, primary/secondary ? circuit malfunction
P0355	Generic	Ignition coil E, primary/secondary ? circuit malfunction
P0356	Generic	Ignition coil F, primary/secondary ? circuit malfunction
P0357	Generic	Ignition coil G, primary/secondary ? circuit malfunction
P0358	Generic	Ignition coil H, primary/secondary ? circuit malfunction
P0359	Generic	Ignition coil I, primary/secondary ? circuit malfunction
P0360	Generic	Ignition coil J, primary/secondary ? circuit malfunction
P0361	Generic	Ignition coil K, primary/secondary ? circuit malfunction
P0362	Generic	Ignition coil L, primary/secondary ? circuit malfunction
P0363	Generic	Misfire detected ? fuelling disabled
P0365	Generic	Camshaft position (CMP) sensor B, bank 1 ? circuit malfunction
P0366	Generic	Camshaft position (CMP) sensor B, bank 1 ? circuit range/performance
P0367	Generic	Camshaft position (CMP) sensor B, bank 1 ? circuit low input
P0368	Generic	Camshaft position (CMP) sensor B, bank 1 ? circuit high input
P0369	Generic	Camshaft position (CMP) sensor B, bank 1 ? circuit intermittent
P0370	Generic	Timing reference, high resolution signal A ? malfunction
P0371	Generic	Timing reference, high resolution signal A ? too many pulses
P0372	Generic	Timing reference, high resolution signal A ? too few pulses
P0373	Generic	Timing reference, high resolution signal A ? intermittent/erratic pulses
P0374	Generic	Timing reference, high resolution signal A ? no pulses
P0375	Generic	Timing reference, high resolution signal B ? malfunction
P0376	Generic	Timing reference, high resolution signal B ? too many pulses
P0377	Generic	Timing reference, high resolution signal B ? too few pulses
P0378	Generic	Timing reference, high resolution signal B ? intermittent/erratic pulses
P0379	Generic	Timing reference, high resolution signal B ? no pulses
P037D	Generic	Glow plug monitoring ? circuit malfunction
P037E	Generic	Glow plug monitoring ? circuit low
P037F	Generic	Glow plug monitoring ? circuit high
P0380	Generic	Glow plugs, circuit A ? malfunction
P0381	Generic	Glow plug warning lamp ? circuit malfunction
P0382	Generic	Glow plugs, circuit B ? malfunction
P0383	Generic	Glow plug control module ? circuit low
P0384	Generic	Glow plug control module ? circuit high
P0385	Generic	Crankshaft position (CKP) sensor B ? circuit malfunction

P0386	Generic	Crankshaft position (CKP) sensor B ? range/performance problem
P0387	Generic	Crankshaft position (CKP) sensor B ? low input
P0388	Generic	Crankshaft position (CKP) sensor B ? high input
P0389	Generic	Crankshaft position (CKP) sensor B ? circuit intermittent
P0390	Generic	Camshaft position (CMP) sensor B, bank 2 ? circuit malfunction
P0391	Generic	Camshaft position (CMP) sensor B, bank 2 ? circuit range/performance
P0392	Generic	Camshaft position (CMP) sensor B, bank 2 ? circuit low input
P0393	Generic	Camshaft position (CMP) sensor B, bank 2 ? circuit high input
P0394	Generic	Camshaft position (CMP) sensor B, bank 2 ? circuit intermittent
P0395	Generic	Cylinder pressure sensor, cylinder 1 ? circuit malfunction
P0396	Generic	Cylinder pressure sensor, cylinder 1 ? circuit range/performance
P0397	Generic	Cylinder pressure sensor, cylinder 1 ? circuit low
P0398	Generic	Cylinder pressure sensor, cylinder 1 ? circuit high
P0399	Generic	Cylinder pressure sensor, cylinder 1 ? circuit intermittent/erratic
P039A	Generic	Cylinder 1 ? pressure too low
P039B	Generic	Cylinder 1 ? pressure too high
P039C	Generic	Cylinder 1 ? pressure variation low
P039D	Generic	Cylinder 1 ? pressure variation high
P039E	Generic	Cylinder 1 ? combustion performance
P039F	Generic	Cylinder pressure sensor, cylinder 2 ? circuit malfunction
P03A0	Generic	Cylinder pressure sensor, cylinder 2 ? circuit range/performance
P03A1	Generic	Cylinder pressure sensor, cylinder 2 ? circuit low
P03A2	Generic	Cylinder pressure sensor, cylinder 2 ? circuit high
P03A3	Generic	Cylinder pressure sensor, cylinder 2 ? circuit intermittent/erratic
P03A4	Generic	Cylinder 2 ? pressure too low
P03A5	Generic	Cylinder 2 ? pressure too high
P03A6	Generic	Cylinder 2 ? pressure variation low
P03A7	Generic	Cylinder 2 ? pressure variation high
P03A8	Generic	Cylinder 2 ? combustion performance
P03A9	Generic	Cylinder pressure sensor, cylinder 3 ? circuit malfunction
P03AA	Generic	Cylinder pressure sensor, cylinder 3 ? circuit range/performance
P03AB	Generic	Cylinder pressure sensor, cylinder 3 ? circuit low
P03AC	Generic	Cylinder pressure sensor, cylinder 3 ? circuit high
P03AD	Generic	Cylinder pressure sensor, cylinder 3 ? circuit intermittent/erratic
P03AE	Generic	Cylinder 3 ? pressure too low
P03AF	Generic	Cylinder 3 ? pressure too high
P03B0	Generic	Cylinder 3 ? pressure variation low
P03B1	Generic	Cylinder 3 ? pressure variation high
P03B2	Generic	Cylinder 3 ? combustion performance
P03B3	Generic	Cylinder pressure sensor, cylinder 4 ? circuit malfunction
P03B4	Generic	Cylinder pressure sensor, cylinder 4 ? circuit range/performance
P03B5	Generic	Cylinder pressure sensor, cylinder 4 ? circuit low
P03B6	Generic	Cylinder pressure sensor, cylinder 4 ? circuit high
P03B7	Generic	Cylinder pressure sensor, cylinder 4 ? circuit intermittent/erratic
P03B8	Generic	Cylinder 4 ? pressure too low
P03B9	Generic	Cylinder 4 ? pressure too high
P03BA	Generic	Cylinder 4 ? pressure variation low
P03BB	Generic	Cylinder 4 ? pressure variation high
P03BC	Generic	Cylinder 4 ? combustion performance
P03BD	Generic	Cylinder pressure sensor, cylinder 5 ? circuit malfunction
P03BE	Generic	Cylinder pressure sensor, cylinder 5 ? circuit range/performance
P03BF	Generic	Cylinder pressure sensor, cylinder 5 ? circuit low
P03C0	Generic	Cylinder pressure sensor, cylinder 5 ? circuit high
P03C1	Generic	Cylinder pressure sensor, cylinder 5 ? circuit intermittent/erratic
P03C2	Generic	Cylinder 5 ? pressure too low
P03C3	Generic	Cylinder 5 ? pressure too high
P03C4	Generic	Cylinder 5 ? pressure variation low
P03C5	Generic	Cylinder 5 ? pressure variation high
P03C6	Generic	Cylinder 5 ? combustion performance
P03C7	Generic	Cylinder pressure sensor, cylinder 6 ? circuit malfunction
P03C8	Generic	Cylinder pressure sensor, cylinder 6 ? circuit range/performance
P03C9	Generic	Cylinder pressure sensor, cylinder 6 ? circuit low
P03CA	Generic	Cylinder pressure sensor, cylinder 6 ? circuit high
P03CB	Generic	Cylinder pressure sensor, cylinder 6 ? circuit intermittent/erratic
P03CC	Generic	Cylinder 6 ? pressure too low
P03CD	Generic	Cylinder 6 ? pressure too high
P03CE	Generic	Cylinder 6 ? pressure variation low
P03CF	Generic	Cylinder 6 ? pressure variation high
P03D0	Generic	Cylinder 6 ? combustion performance
P03D1	Generic	Cylinder pressure sensor, cylinder 7 ? circuit malfunction
P03D2	Generic	Cylinder pressure sensor, cylinder 7 ? circuit range/performance
P03D3	Generic	Cylinder pressure sensor, cylinder 7 ? circuit low
P03D4	Generic	Cylinder pressure sensor, cylinder 7 ? circuit high
P03D5	Generic	Cylinder pressure sensor, cylinder 7 ? circuit intermittent/erratic
P03D6	Generic	Cylinder 7 ? pressure too low
P03D7	Generic	Cylinder 7 ? pressure too high
P03D8	Generic	Cylinder 7 ? pressure variation low
P03D9	Generic	Cylinder 7 ? pressure variation high

P03DA	Generic	Cylinder 7 ? combustion performance
P03DB	Generic	Cylinder pressure sensor, cylinder 8 ? circuit malfunction
P03DC	Generic	Cylinder pressure sensor, cylinder 8 ? circuit range/performance
P03DD	Generic	Cylinder pressure sensor, cylinder 8 ? circuit low
P03DE	Generic	Cylinder pressure sensor, cylinder 8 ? circuit high
P03DF	Generic	Cylinder pressure sensor, cylinder 8 ? circuit intermittent/erratic
P03E0	Generic	Cylinder 8 ? pressure too low
P03E1	Generic	Cylinder 8 ? pressure too high
P03E2	Generic	Cylinder 8 ? pressure variation low
P03E3	Generic	Cylinder 8 ? pressure variation high
P03E4	Generic	Cylinder 8 ? combustion performance
P0400	Generic	Exhaust gas recirculation (EGR) system ? flow malfunction
P0401	Generic	Exhaust gas recirculation (EGR) system ? insufficient flow detected
P0402	Generic	Exhaust gas recirculation (EGR) system ? excessive flow detected
P0403	Generic	Exhaust gas recirculation (EGR) ? circuit malfunction
P0404	Generic	Exhaust gas recirculation (EGR) system ? range/performance problem
P0405	Generic	Exhaust gas recirculation (EGR) valve position sensor A ? low input
P0406	Generic	Exhaust gas recirculation (EGR) valve position sensor A ? high input
P0407	Generic	Exhaust gas recirculation (EGR) valve position sensor B ? low input
P0408	Generic	Exhaust gas recirculation (EGR) valve position sensor B ? high input
P0409	Generic	Exhaust gas recirculation (EGR) sensor A ? circuit malfunction
P040A	Generic	Exhaust gas recirculation (EGR) temperature sensor A ? circuit malfunction
P040B	Generic	Exhaust gas recirculation (EGR) temperature sensor A ? circuit range/performance
P040C	Generic	Exhaust gas recirculation (EGR) temperature sensor A ? circuit low
P040D	Generic	Exhaust gas recirculation (EGR) temperature sensor A ? circuit high
P040E	Generic	Exhaust gas recirculation (EGR) temperature sensor A ? circuit intermittent/erratic
P040F	Generic	Exhaust gas recirculation (EGR) temperature sensor A/B ? correlation
P0410	Generic	Secondary air injection (AIR) system ? malfunction
P0411	Generic	Secondary air injection (AIR) system ? incorrect flow detected
P0412	Generic	Secondary air injection (AIR) solenoid A ? circuit malfunction
P0413	Generic	Secondary air injection (AIR) solenoid A ? open circuit
P0414	Generic	Secondary air injection (AIR) solenoid A ? short circuit
P0415	Generic	Secondary air injection (AIR) solenoid B ? circuit malfunction
P0416	Generic	Secondary air injection (AIR) solenoid B ? open circuit
P0417	Generic	Secondary air injection (AIR) solenoid B ? short circuit
P0418	Generic	Secondary air injection (AIR) pump relay A ? circuit malfunction
P0419	Generic	Secondary air injection (AIR) pump relay B ? circuit malfunction
P041A	Generic	Exhaust gas recirculation (EGR) temperature sensor B ? circuit malfunction
P041B	Generic	Exhaust gas recirculation (EGR) temperature sensor B ? circuit range/performance
P041C	Generic	Exhaust gas recirculation (EGR) temperature sensor B ? circuit low
P041D	Generic	Exhaust gas recirculation (EGR) temperature sensor B ? circuit high
P041E	Generic	Exhaust gas recirculation (EGR) temperature sensor B ? circuit intermittent/erratic
P041F	Generic	Secondary air injection (AIR) switching valve A ? circuit low
P0420	Generic	Catalytic converter system, bank 1 ? efficiency below threshold
P0421	Generic	Warm up catalytic converter, bank 1 ? efficiency below threshold
P0422	Generic	Main catalytic converter, bank 1 ? efficiency below threshold
P0423	Generic	Heated catalytic converter, bank 1 ? efficiency below threshold
P0424	Generic	Heated catalytic converter, bank 1 ? temperature below threshold
P0425	Generic	Catalytic converter temperature sensor, bank 1
P0426	Generic	Catalytic converter temperature sensor, bank 1 ? range/performance problem
P0427	Generic	Catalytic converter temperature sensor, bank 1 ? low input
P0428	Generic	Catalytic converter temperature sensor, bank 1 ? high input
P0429	Generic	Catalytic converter heater, bank 1 ? circuit malfunction
P042A	Generic	Catalytic converter temperature sensor 2, bank 1 ? circuit malfunction
P042B	Generic	Catalytic converter temperature sensor 2, bank 1 ? circuit range/performance
P042C	Generic	Catalytic converter temperature sensor 2, bank 1 ? circuit low
P042D	Generic	Catalytic converter temperature sensor 2, bank 1 ? circuit high
P042E	Generic	Exhaust gas recirculation (EGR) valve actuator A ? actuator stuck open
P042F	Generic	Exhaust gas recirculation (EGR) valve actuator A ? actuator stuck closed
P0430	Generic	Catalytic converter system, bank 2 ? efficiency below threshold
P0431	Generic	Warm up catalytic converter, bank 2 ? efficiency below threshold
P0432	Generic	Main catalytic converter, bank 2 ? efficiency below threshold
P0433	Generic	Heated catalytic converter, bank 2 ? efficiency below threshold
P0434	Generic	Heated catalytic converter, bank 2 ? temperature below threshold
P0435	Generic	Catalytic converter temperature sensor, bank 2
P0436	Generic	Catalytic converter temperature sensor, bank 2 ? range/performance problem
P0437	Generic	Catalytic converter temperature sensor, bank 2 ? low input
P0438	Generic	Catalytic converter temperature sensor, bank 2 ? high input
P0439	Generic	Catalytic converter heater, bank 2 ? circuit malfunction
P043A	Generic	Catalytic converter temperature sensor 2, bank 2 ? circuit malfunction
P043B	Generic	Catalytic converter temperature sensor 2, bank 2 ? circuit range/performance
P043C	Generic	Catalytic converter temperature sensor 2, bank 2 ? circuit low
P043D	Generic	Catalytic converter temperature sensor 2, bank 2 ? circuit high
P043E	Generic	Evaporative emission (EVAP) leak detection reference orifice ? low flow
P043F	Generic	Evaporative emission (EVAP) leak detection system reference orifice ? excessive flow detected
P0440	Generic	Evaporative Emission System
P0441	Generic	Evaporative Emission System Incorrect Purge Flow
P0442	Generic	Evaporative Emission System Leak Detected (small leak)

P0443	Generic	Evaporative Emission System Purge Control Valve Circuit
P0444	Generic	Evaporative Emission System Purge Control Valve Circuit Open
P0445	Generic	Evaporative Emission System Purge Control Valve Circuit Shorted
P0446	Generic	Evaporative Emission System Vent Control Circuit
P0447	Generic	Evaporative Emission System Vent Control Circuit Open
P0448	Generic	Evaporative Emission System Vent Control Circuit Shorted
P0449	Generic	Evaporative Emission System Vent Valve/Solenoid Circuit
P044A	Generic	Exhaust Gas Recirculation Sensor "C" Circuit
P044B	Generic	Exhaust Gas Recirculation Sensor "C" Circuit Range/Performance
P044C	Generic	Exhaust Gas Recirculation Sensor "C" Circuit Low
P044D	Generic	Exhaust Gas Recirculation Sensor "C" Circuit High
P044E	Generic	Exhaust Gas Recirculation Sensor "C" Circuit Intermittent/Erratic
P044F	Generic	Secondary Air Injection System Switching Valve "A" Circuit High
P0450	Generic	Evaporative Emission System Pressure Sensor/Switch
P0451	Generic	Evaporative Emission System Pressure Sensor/Switch Range/Performance
P0452	Generic	Evaporative Emission System Pressure Sensor/Switch Low
P0453	Generic	Evaporative Emission System Pressure Sensor/Switch High
P0454	Generic	Evaporative Emission System Pressure Sensor/Switch Intermittent
P0455	Generic	Evaporative Emission System Leak Detected (large leak)
P0456	Generic	Evaporative Emission System Leak Detected (very small leak)
P0457	Generic	Evaporative Emission System Leak Detected (fuel cap loose/off)
P0458	Generic	Evaporative Emission System Purge Control Valve Circuit Low
P0459	Generic	Evaporative Emission System Purge Control Valve Circuit High
P045A	Generic	Exhaust Gas Recirculation "B" Control Circuit
P045B	Generic	Exhaust Gas Recirculation "B" Control Circuit Range/Performance
P045C	Generic	Exhaust Gas Recirculation "B" Control Circuit Low
P045D	Generic	Exhaust Gas Recirculation "B" Control Circuit High
P045E	Generic	Exhaust Gas Recirculation "B" Control Stuck Open
P045F	Generic	Exhaust Gas Recirculation "B" Control Stuck Closed
P0460	Generic	Fuel Level Sensor "A" Circuit
P0461	Generic	Fuel Level Sensor "A" Circuit Range/Performance
P0462	Generic	Fuel Level Sensor "A" Circuit Low
P0463	Generic	Fuel Level Sensor "A" Circuit High
P0464	Generic	Fuel Level Sensor "A" Circuit Intermittent
P0465	Generic	EVAP Purge Flow Sensor Circuit
P0466	Generic	EVAP Purge Flow Sensor Circuit Range/Performance
P0467	Generic	EVAP Purge Flow Sensor Circuit Low
P0468	Generic	EVAP Purge Flow Sensor Circuit High
P0469	Generic	EVAP Purge Flow Sensor Circuit Intermittent
P046A	Generic	Catalyst Temperature Sensor 1/2 Correlation Bank 1
P046B	Generic	Catalyst Temperature Sensor 1/2 Correlation Bank 2
P046C	Generic	Exhaust Gas Recirculation Sensor "A" Circuit Range/Performance
P046D	Generic	Exhaust Gas Recirculation Sensor "A" Circuit Intermittent/Erratic
P046E	Generic	Exhaust Gas Recirculation Sensor "B" Circuit Range/Performance
P046F	Generic	Exhaust Gas Recirculation Sensor "B" Circuit Intermittent/Erratic
P0470	Generic	Exhaust Pressure Sensor "A" Circuit
P0471	Generic	Exhaust Pressure Sensor "A" Circuit Range/Performance
P0472	Generic	Exhaust Pressure Sensor "A" Circuit Low
P0473	Generic	Exhaust Pressure Sensor "A" Circuit High
P0474	Generic	Exhaust Pressure Sensor "A" Circuit Intermittent/Erratic
P0475	Generic	Exhaust Pressure Control Valve "A"
P0476	Generic	Exhaust Pressure Control Valve "A" Range/Performance
P0477	Generic	Exhaust Pressure Control Valve "A" Low
P0478	Generic	Exhaust Pressure Control Valve "A" High
P0479	Generic	Exhaust Pressure Control Valve "A" Intermittent
P047A	Generic	Exhaust Pressure Sensor "B" Circuit
P047B	Generic	Exhaust Pressure Sensor "B" Circuit Range/Performance
P047C	Generic	Exhaust Pressure Sensor "B" Circuit Low
P047D	Generic	Exhaust Pressure Sensor "B" Circuit High
P047E	Generic	Exhaust Pressure Sensor "B" Circuit Intermittent/Erratic
P047F	Generic	Exhaust Pressure Control Valve "A" Stuck Open
P0480	Generic	Fan 1 Control Circuit
P0481	Generic	Fan 2 Control Circuit
P0482	Generic	Fan 3 Control Circuit
P0483	Generic	Fan Rationality Check
P0484	Generic	Fan Circuit Over Current
P0485	Generic	Fan Power/Ground Circuit
P0486	Generic	Exhaust Gas Recirculation Sensor "B" Circuit
P0487	Generic	Exhaust Gas Recirculation Throttle Control Circuit "A" /Open
P0488	Generic	Exhaust Gas Recirculation Throttle Control Circuit "A" Range/Performance
P0489	Generic	Exhaust Gas Recirculation "A" Control Circuit Low
P048A	Generic	Exhaust Pressure Control Valve "A" Stuck Closed
P048B	Generic	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048C	Generic	Exhaust Pressure Control Valve Position Sensor/Switch Circuit Range/Performance
P048D	Generic	Exhaust Pressure Control Valve Position Sensor/Switch Circuit Low
P048E	Generic	Exhaust Pressure Control Valve Position Sensor/Switch Circuit High
P048F	Generic	Exhaust Pressure Control Valve Position Sensor/Switch Circuit Intermittent/Erratic
P0490	Generic	Exhaust Gas Recirculation "A" Control Circuit High

P0491	Generic	Secondary Air Injection System Insufficient Flow Bank 1
P0492	Generic	Secondary Air Injection System Insufficient Flow Bank 2
P0493	Generic	Fan Overspeed
P0494	Generic	Fan Speed Low
P0495	Generic	Fan Speed High
P0496	Generic	Evaporative Emission System High Purge Flow
P0497	Generic	Evaporative Emission System Low Purge Flow
P0498	Generic	Evaporative Emission System Vent Valve Control Circuit Low
P0499	Generic	Evaporative Emission System Vent Valve Control Circuit High
P049A	Generic	Exhaust Gas Recirculation "B" Flow
P049B	Generic	Exhaust Gas Recirculation "B" Flow Insufficient Detected
P049C	Generic	Exhaust Gas Recirculation "B" Flow Excessive Detected
P049D	Generic	Exhaust Gas Recirculation "A" Control Position Exceeded Learning Limit
P049E	Generic	Exhaust Gas Recirculation "B" Control Position Exceeded Learning Limit
P049F	Generic	Exhaust Pressure Control Valve "B"
P04A0	Generic	Exhaust Pressure Control Valve "B" Range/Performance
P04A1	Generic	Exhaust Pressure Control Valve "B" Low
P04A2	Generic	Exhaust Pressure Control Valve "B" High
P04A3	Generic	Exhaust Pressure Control Valve "B" Intermittent
P04A4	Generic	Exhaust Pressure Control Valve "B" Stuck Open
P04A5	Generic	Exhaust Pressure Control Valve "B" Stuck Closed
P04A6	Generic	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04A7	Generic	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit Range/Performance
P04A8	Generic	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit Low
P04A9	Generic	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit High
P04AA	Generic	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit Intermittent/Erratic
P04AB	Generic	Evaporative emission (EVAP) canister purge valve B - open circuit
P04AC	Generic	Evaporative emission (EVAP) canister purge valve B - circuit low
P04AD	Generic	Evaporative emission (EVAP) canister purge valve B - circuit high
P04AE	Generic	Evaporative emission (EVAP) canister purge valve B - performance problem or valve stuck open
P04AF	Generic	Evaporative emission (EVAP) canister purge valve B - EVAP valve stuck closed
P04B0	Generic	Refuelling vapour control valve - open circuit
P04B1	Generic	Refuelling vapour control valve - circuit low
P04B2	Generic	Refuelling vapour control valve - circuit high
P04B3	Generic	Refuelling vapour control valve - performance problem or valve stuck open
P04B4	Generic	Refuelling vapour control valve - valve stuck closed
P04B5	Generic	Fuel filler flap - flap stuck open
P04B6	Generic	Fuel filler flap - flap stuck closed
P04B7	Generic	Fuel filler flap sensor/switch - circuit intermittent/erratic
P04B8	Generic	Fuel filler flap sensor/switch - circuit malfunction
P04B9	Generic	Fuel filler flap sensor/switch - circuit low
P04BA	Generic	Fuel filler flap sensor/switch - circuit high
P04BB	Generic	Fuel filler flap lock control - circuit open
P04BC	Generic	Fuel filler flap lock control - circuit range/performance
P04BD	Generic	Fuel filler flap lock control - circuit low
P04BE	Generic	Fuel filler flap lock control - circuit high
P04BF	Generic	Fuel filler flap unlock control - circuit open
P04C0	Generic	Fuel filler flap unlock control - circuit range/performance
P04C1	Generic	Fuel filler flap unlock control - circuit low
P04C2	Generic	Fuel filler flap unlock control - circuit high
P04C3	Generic	Fuel filler flap lock position sensor/switch - circuit malfunction
P04C4	Generic	Fuel filler flap lock position sensor/switch - circuit range/performance
P04C5	Generic	Fuel filler flap lock position sensor/switch - circuit low
P04C6	Generic	Fuel filler flap lock position sensor/switch - circuit high
P04C7	Generic	Fuel filler flap lock position sensor/switch - circuit intermittent/erratic
P04C8	Generic	Fuel filler flap open request sensor/switch - circuit malfunction
P04C9	Generic	Fuel filler flap open request sensor/switch - performance or stuck off
P04CA	Generic	Fuel filler flap open request sensor/switch - signal stuck low
P04CB	Generic	Fuel filler flap open request sensor/switch - signal stuck high
P04CC	Generic	Fuel filler flap open request sensor/switch - intermittent/erratic signal
P04CD	Generic	Fuel filler flap open request sensor/switch - stuck on
P04CE	Generic	Exhaust gas recirculation (EGR) temperature sensor C - circuit malfunction
P04CF	Generic	Exhaust gas recirculation (EGR) temperature sensor C - circuit malfunction
P04D0	Generic	Exhaust gas recirculation (EGR) temperature sensor C - circuit low
P04D1	Generic	Exhaust gas recirculation (EGR) temperature sensor C - circuit high
P04D2	Generic	Exhaust gas recirculation (EGR) temperature sensor C - circuit intermittent/erratic
P04D3	Generic	Exhaust brake - input circuit malfunction
P04D4	Generic	Exhaust brake - input circuit range/performance
P04D5	Generic	Exhaust brake - input circuit low
P04D6	Generic	Exhaust brake - input circuit high
P04D7	Generic	Exhaust brake - circuit intermittent/erratic
P04D8	Generic	Excessive time to enter closed loop EGR control
P04D9	Generic	Closed loop EGR control. limit reached - low flow detected
P04DA	Generic	Closed loop EGR control. limit reached - high flow detected
P04DB	Generic	Crankcase breather system disconnected
P0500	Generic	Vehicle Speed Sensor "A"
P0501	Generic	Vehicle Speed Sensor "A" Range/Performance
P0502	Generic	Vehicle Speed Sensor "A" Circuit Low

P0503	Generic	Vehicle Speed Sensor "A" Intermittent/Erratic/High
P0504	Generic	Brake Switch "A"/"B" Correlation
P0505	Generic	Idle Air Control System
P0506	Generic	Idle Air Control System RPM Lower Than Expected
P0507	Generic	Idle Air Control System RPM Higher Than Expected
P0508	Generic	Idle Air Control System Circuit Low
P0509	Generic	Idle Air Control System Circuit High
P050A	Generic	Cold Start Idle Air Control System Performance
P050B	Generic	Cold Start Ignition Timing Performance
P050C	Generic	Cold Start Engine Coolant Temperature Performance
P050D	Generic	Cold Start Rough Idle
P050E	Generic	Cold Start Engine Exhaust Temperature Too Low
P050F	Generic	Brake Assist Vacuum Too Low
P0510	Generic	Closed Throttle Position Switch
P0511	Generic	Idle Air Control Circuit
P0512	Generic	Starter Request Circuit
P0513	Generic	Incorrect Immobilizer Key
P0514	Generic	Battery Temperature Sensor Circuit Range/Performance
P0515	Generic	Battery Temperature Sensor Circuit
P0516	Generic	Battery Temperature Sensor Circuit Low
P0517	Generic	Battery Temperature Sensor Circuit High
P0518	Generic	Idle Air Control Circuit Intermittent
P0519	Generic	Idle Air Control System Performance
P051A	Generic	Crankcase Pressure Sensor Circuit
P051B	Generic	Crankcase Pressure Sensor Circuit Range/Performance
P051C	Generic	Crankcase Pressure Sensor Circuit Low
P051D	Generic	Crankcase Pressure Sensor Circuit High
P051E	Generic	Crankcase Pressure Sensor Circuit Intermittent/Erratic
P051F	Generic	Positive Crankcase Ventilation Filter Restriction
P0520	Generic	Engine Oil Pressure Sensor/Switch Circuit
P0521	Generic	Engine Oil Pressure Sensor/Switch Range/Performance
P0522	Generic	Engine Oil Pressure Sensor/Switch Low
P0523	Generic	Engine Oil Pressure Sensor/Switch High
P0524	Generic	Engine Oil Pressure Too Low
P0525	Generic	Cruise Control Servo Control Circuit Range/Performance
P0526	Generic	Fan Speed Sensor Circuit
P0527	Generic	Fan Speed Sensor Circuit Range/Performance
P0528	Generic	Fan Speed Sensor Circuit No Signal
P0529	Generic	Fan Speed Sensor Circuit Intermittent
P052A	Generic	Cold Start "A" Camshaft Position Timing Over-Advanced Bank 1
P052B	Generic	Cold Start "A" Camshaft Position Timing Over-Retarded Bank 1
P052C	Generic	Cold Start "A" Camshaft Position Timing Over-Advanced Bank 2
P052D	Generic	Cold Start "A" Camshaft Position Timing Over-Retarded Bank 2
P052E	Generic	Positive Crankcase Ventilation Regulator Valve Performance
P052F	Generic	Glow plug control module - system voltage malfunction
P0530	Generic	A/C Refrigerant Pressure Sensor "A" Circuit
P0531	Generic	A/C Refrigerant Pressure Sensor "A" Circuit Range/Performance
P0532	Generic	A/C Refrigerant Pressure Sensor "A" Circuit Low
P0533	Generic	A/C Refrigerant Pressure Sensor "A" Circuit High
P0534	Generic	A/C Refrigerant Charge Loss
P0535	Generic	A/C Evaporator Temperature Sensor Circuit
P0536	Generic	A/C Evaporator Temperature Sensor Circuit Range/Performance
P0537	Generic	A/C Evaporator Temperature Sensor Circuit Low
P0538	Generic	A/C Evaporator Temperature Sensor Circuit High
P0539	Generic	A/C Evaporator Temperature Sensor Circuit Intermittent
P053A	Generic	Positive Crankcase Ventilation Heater Control Circuit /Open
P053B	Generic	Positive Crankcase Ventilation Heater Control Circuit Low
P053C	Generic	Positive Crankcase Ventilation Heater Control Circuit High
P053D	Generic	Crankcase breather heater - performance problem
P053F	Generic	Cold start fuel pressure - performance problem
P0540	Generic	Intake Air Heater "A" Circuit
P0541	Generic	Intake Air Heater "A" Circuit Low
P0542	Generic	Intake Air Heater "A" Circuit High
P0543	Generic	Intake Air Heater "A" Circuit Open
P0544	Generic	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 1
P0545	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 1
P0546	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 1
P0547	Generic	Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 1
P0548	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 1
P0549	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 1
P054A	Generic	Cold Start "B" Camshaft Position Timing Over-Advanced Bank 1
P054B	Generic	Cold Start "B" Camshaft Position Timing Over-Retarded Bank 1
P054C	Generic	Cold Start "B" Camshaft Position Timing Over-Advanced Bank 2
P054D	Generic	Cold Start "B" Camshaft Position Timing Over-Retarded Bank 2
P054E	Generic	Idle control system - fuel quantity lower than expected
P054F	Generic	Idle control system - fuel quantity higher than expected
P0550	Generic	Power Steering Pressure Sensor/Switch Circuit
P0551	Generic	Power Steering Pressure Sensor/Switch Circuit Range/Performance

P0552	Generic	Power Steering Pressure Sensor/Switch Circuit Low
P0553	Generic	Power Steering Pressure Sensor/Switch Circuit High
P0554	Generic	Power Steering Pressure Sensor/Switch Circuit Intermittent
P0555	Generic	Brake Booster Pressure Sensor Circuit
P0556	Generic	Brake Booster Pressure Sensor Circuit Range/Performance
P0557	Generic	Brake Booster Pressure Sensor Circuit Low
P0558	Generic	Brake Booster Pressure Sensor Circuit High
P0559	Generic	Brake Booster Pressure Sensor Circuit Intermittent
P055A	Generic	Engine oil pressure sensor/switch B - circuit malfunction
P055B	Generic	Engine oil pressure sensor/switch B - circuit range/performance
P055C	Generic	Engine oil pressure sensor/switch B - circuit low
P055D	Generic	Engine oil pressure sensor/switch B - circuit high
P0560	Generic	System Voltage
P0561	Generic	System Voltage Unstable
P0562	Generic	System Voltage Low
P0563	Generic	System Voltage High
P0564	Generic	Cruise Control Multi-Function Input "A" Circuit
P0565	Generic	Cruise Control "On" Signal
P0566	Generic	Cruise Control "Off" Signal
P0567	Generic	Cruise Control "Resume" Signal
P0568	Generic	Cruise Control "Set" Signal
P0569	Generic	Cruise Control "Coast" Signal
P056A	Generic	Cruise Control "Increase Distance" Signal
P056B	Generic	Cruise Control "Decrease Distance" Signal
P056C	Generic	Cruise control. cancel signal
P0570	Generic	Cruise Control "Accelerate" Signal
P0571	Generic	Brake Switch "A" Circuit
P0572	Generic	Brake Switch "A" Circuit Low
P0573	Generic	Brake Switch "A" Circuit High
P0574	Generic	Cruise Control System - Vehicle Speed Too High
P0575	Generic	Cruise Control Input Circuit
P0576	Generic	Cruise Control Input Circuit Low
P0577	Generic	Cruise Control Input Circuit High
P0578	Generic	Cruise Control Multi-Function Input "A" Circuit Stuck
P0579	Generic	Cruise Control Multi-Function Input "A" Circuit Range/Performance
P057A	Generic	Brake pedal position (BPP) sensor - circuit open
P057B	Generic	Brake pedal position (BPP) sensor - circuit range/performance
P057C	Generic	Brake pedal position (BPP) sensor - circuit low
P057D	Generic	Brake pedal position (BPP) sensor - circuit high
P057E	Generic	Brake pedal position (BPP) sensor - circuit intermittent/erratic
P0580	Generic	Cruise Control Multi-Function Input "A" Circuit Low
P0581	Generic	Cruise Control Multi-Function Input "A" Circuit High
P0582	Generic	Cruise Control Vacuum Control Circuit/Open
P0583	Generic	Cruise Control Vacuum Control Circuit Low
P0584	Generic	Cruise Control Vacuum Control Circuit High
P0585	Generic	Cruise Control Multi-Function Input "A"/"B" Correlation
P0586	Generic	Cruise Control Vent Control Circuit/Open
P0587	Generic	Cruise Control Vent Control Circuit Low
P0588	Generic	Cruise Control Vent Control Circuit High
P0589	Generic	Cruise Control Multi-Function Input "B" Circuit
P0590	Generic	Cruise Control Multi-Function Input "B" Circuit Stuck
P0591	Generic	Cruise Control Multi-Function Input "B" Circuit Range/Performance
P0592	Generic	Cruise Control Multi-Function Input "B" Circuit Low
P0593	Generic	Cruise Control Multi-Function Input "B" Circuit High
P0594	Generic	Cruise Control Servo Control Circuit/Open
P0595	Generic	Cruise Control Servo Control Circuit Low
P0596	Generic	Cruise Control Servo Control Circuit High
P0597	Generic	Thermostat Heater Control Circuit/Open
P0598	Generic	Thermostat Heater Control Circuit Low
P0599	Generic	Thermostat Heater Control Circuit High
P0600	Generic	Serial Communication Link
P0601	Generic	Internal Control Module Memory Check Sum Error
P0602	Generic	Control Module Programming Error
P0603	Generic	Internal Control Module Keep Alive Memory (KAM) Error
P0604	Generic	Internal Control Module Random Access Memory (RAM) Error
P0605	Generic	Internal Control Module Read Only Memory (ROM) Error
P0606	Generic	Control Module Processor
P0607	Generic	Control Module Performance
P0608	Generic	Control Module VSS Output "A"
P0609	Generic	Control Module VSS Output "B"
P060A	Generic	Internal Control Module Monitoring Processor Performance
P060B	Generic	Internal Control Module A/D Processing Performance
P060C	Generic	Internal Control Module Main Processor Performance
P060D	Generic	Internal Control Module Accelerator Pedal Position Performance
P060E	Generic	Internal Control Module Throttle Position Performance
P060F	Generic	Internal Control Module Coolant Temperature Performance
P0610	Generic	Control Module Vehicle Options Error
P0611	Generic	Fuel Injector Control Module Performance

P0612	Generic	Fuel Injector Control Module Relay Control
P0613	Generic	TCM Processor
P0614	Generic	ECM/TCM Incompatible
P0615	Generic	Starter Relay Circuit
P0616	Generic	Starter Relay Circuit Low
P0617	Generic	Starter Relay Circuit High
P0618	Generic	Alternative Fuel Control Module KAM Error
P0619	Generic	Alternative Fuel Control Module RAM/ROM Error
P061A	Generic	Internal Control Module Torque Performance
P061B	Generic	Internal Control Module Torque Calculation Performance
P061C	Generic	Internal Control Module Engine RPM Performance
P061D	Generic	Internal Control Module Engine Air Mass Performance
P061E	Generic	Internal Control Module Brake Signal Performance
P061F	Generic	Internal Control Module Throttle Actuator Controller Performance
P0620	Generic	Generator Control Circuit
P0621	Generic	Generator Lamp/L Terminal Circuit
P0622	Generic	Generator Field/F Terminal Circuit
P0623	Generic	Generator Lamp Control Circuit
P0624	Generic	Fuel Cap Lamp Control Circuit
P0625	Generic	Generator Field/F Terminal Circuit Low
P0626	Generic	Generator Field/F Terminal Circuit High
P0627	Generic	Fuel Pump "A" Control Circuit/Open
P0628	Generic	Fuel Pump "A" Control Circuit Low
P0629	Generic	Fuel Pump "A" Control Circuit High
P062A	Generic	Fuel Pump "A" Control Circuit Range/Performance
P062B	Generic	Internal Control Module Fuel Injector Control Performance
P062C	Generic	Internal Control Module Vehicle Speed Performance
P062D	Generic	Fuel Injector Driver Circuit Performance Bank 1
P062E	Generic	Fuel Injector Driver Circuit Performance Bank 2
P062F	Generic	Internal Control Module EEPROM Error
P0630	Generic	VIN Not Programmed or Incompatible - ECM/PCM
P0631	Generic	VIN Not Programmed or Incompatible - TCM
P0632	Generic	Odometer Not Programmed - ECM/PCM
P0633	Generic	Immobilizer Key Not Programmed - ECM/PCM
P0634	Generic	PCM/ECM/TCM Internal Temperature "A" Too High
P0635	Generic	Power Steering Control Circuit
P0636	Generic	Power Steering Control Circuit Low
P0637	Generic	Power Steering Control Circuit High
P0638	Generic	Throttle Actuator Control Range/Performance Bank 1
P0639	Generic	Throttle Actuator Control Range/Performance Bank 2
P063A	Generic	Generator Voltage Sense Circuit
P063B	Generic	Generator Voltage Sense Circuit Range/Performance
P063C	Generic	Generator Voltage Sense Circuit Low
P063D	Generic	Generator Voltage Sense Circuit High
P063E	Generic	Auto Configuration Throttle Input Not Present
P063F	Generic	Auto Configuration Engine Coolant Temperature Input Not Present
P0640	Generic	Intake Air Heater Control Circuit
P0641	Generic	Sensor Reference Voltage "A" Circuit/Open
P0642	Generic	Sensor Reference Voltage "A" Circuit Low
P0643	Generic	Sensor Reference Voltage "A" Circuit High
P0644	Generic	Driver Display Serial Communication Circuit
P0645	Generic	A/C Clutch Relay Control Circuit
P0646	Generic	A/C Clutch Relay Control Circuit Low
P0647	Generic	A/C Clutch Relay Control Circuit High
P0648	Generic	Immobilizer Lamp Control Circuit
P0649	Generic	Speed Control Lamp Control Circuit
P064A	Generic	Fuel Pump Control Module
P064B	Generic	PTO Control Module
P064C	Generic	Glow Plug Control Module
P064D	Generic	Internal Control Module O2 Sensor Processor Performance Bank 1
P064E	Generic	Internal Control Module O2 Sensor Processor Performance Bank 2
P064F	Generic	Unauthorized Software/Calibration Detected
P0650	Generic	Malfunction Indicator Lamp (MIL) Control Circuit
P0651	Generic	Sensor Reference Voltage "B" Circuit/Open
P0652	Generic	Sensor Reference Voltage "B" Circuit Low
P0653	Generic	Sensor Reference Voltage "B" Circuit High
P0654	Generic	Engine RPM Output Circuit
P0655	Generic	Engine Hot Lamp Output Control Circuit
P0656	Generic	Fuel Level Output Circuit
P0657	Generic	Actuator Supply Voltage "A" Circuit/Open
P0658	Generic	Actuator Supply Voltage "A" Circuit Low
P0659	Generic	Actuator Supply Voltage "A" Circuit High
P065A	Generic	Generator System Performance
P065B	Generic	Generator Control Circuit Range/Performance
P065C	Generic	Generator Mechanical Performance
P065D	Generic	Reductant System Malfunction Lamp Control Circuit
P065E	Generic	Intake Manifold Tuning Valve Performance Bank 1
P065F	Generic	Intake Manifold Tuning Valve Performance Bank 2

P0660	Generic	Intake Manifold Tuning Valve Control Circuit/Open Bank 1
P0661	Generic	Intake Manifold Tuning Valve Control Circuit Low Bank 1
P0662	Generic	Intake Manifold Tuning Valve Control Circuit High Bank 1
P0663	Generic	Intake Manifold Tuning Valve Control Circuit/Open Bank 2
P0664	Generic	Intake Manifold Tuning Valve Control Circuit Low Bank 2
P0665	Generic	Intake Manifold Tuning Valve Control Circuit High Bank 2
P0666	Generic	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit
P0667	Generic	PCM/ECM/TCM Internal Temperature Sensor "A" Range/Performance
P0668	Generic	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit Low
P0669	Generic	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit High
P066A	Generic	Cylinder 1 Glow Plug Control Circuit Low
P066B	Generic	Cylinder 1 Glow Plug Control Circuit High
P066C	Generic	Cylinder 2 Glow Plug Control Circuit Low
P066D	Generic	Cylinder 2 Glow Plug Control Circuit High
P066E	Generic	Cylinder 3 Glow Plug Control Circuit Low
P066F	Generic	Cylinder 3 Glow Plug Control Circuit High
P0670	Generic	Glow Plug Control Module Control Circuit/Open
P0671	Generic	Cylinder 1 Glow Plug Circuit/Open
P0672	Generic	Cylinder 2 Glow Plug Circuit/Open
P0673	Generic	Cylinder 3 Glow Plug Circuit/Open
P0674	Generic	Cylinder 4 Glow Plug Circuit/Open
P0675	Generic	Cylinder 5 Glow Plug Circuit/Open
P0676	Generic	Cylinder 6 Glow Plug Circuit/Open
P0677	Generic	Cylinder 7 Glow Plug Circuit/Open
P0678	Generic	Cylinder 8 Glow Plug Circuit/Open
P0679	Generic	Cylinder 9 Glow Plug Circuit/Open
P067A	Generic	Cylinder 4 Glow Plug Control Circuit Low
P067B	Generic	Cylinder 4 Glow Plug Control Circuit High
P067C	Generic	Cylinder 5 Glow Plug Control Circuit Low
P067D	Generic	Cylinder 5 Glow Plug Control Circuit High
P067E	Generic	Cylinder 6 Glow Plug Control Circuit Low
P067F	Generic	Cylinder 6 Glow Plug Control Circuit High
P0680	Generic	Cylinder 10 Glow Plug Circuit/Open
P0681	Generic	Cylinder 11 Glow Plug Circuit/Open
P0682	Generic	Cylinder 12 Glow Plug Circuit/Open
P0683	Generic	Glow Plug Control Module to PCM Communication Circuit
P0684	Generic	Glow Plug Control Module to PCM Communication Circuit Range/Performance
P0685	Generic	ECM/PCM Power Relay Control Circuit/Open
P0686	Generic	ECM/PCM Power Relay Control Circuit Low
P0687	Generic	ECM/PCM Power Relay Control Circuit High
P0688	Generic	ECM/PCM Power Relay Sense Circuit/Open
P0689	Generic	ECM/PCM Power Relay Sense Circuit Low
P068A	Generic	ECM/PCM Power Relay De-Energized Performance - Too Early
P068B	Generic	ECM/PCM Power Relay De-Energized Performance - Too Late
P068C	Generic	Cylinder 7 Glow Plug Control Circuit Low
P068D	Generic	Cylinder 7 Glow Plug Control Circuit High
P068E	Generic	Cylinder 8 Glow Plug Control Circuit Low
P068F	Generic	Cylinder 8 Glow Plug Control Circuit High
P0690	Generic	ECM/PCM Power Relay Sense Circuit High
P0691	Generic	Fan 1 Control Circuit Low
P0692	Generic	Fan 1 Control Circuit High
P0693	Generic	Fan 2 Control Circuit Low
P0694	Generic	Fan 2 Control Circuit High
P0695	Generic	Fan 3 Control Circuit Low
P0696	Generic	Fan 3 Control Circuit High
P0697	Generic	Sensor Reference Voltage "C" Circuit/Open
P0698	Generic	Sensor Reference Voltage "C" Circuit Low
P0699	Generic	Sensor Reference Voltage "C" Circuit High
P069A	Generic	Cylinder 9 Glow Plug Control Circuit Low
P069B	Generic	Cylinder 9 Glow Plug Control Circuit High
P069C	Generic	Cylinder 10 Glow Plug Control Circuit Low
P069D	Generic	Cylinder 10 Glow Plug Control Circuit High
P069E	Generic	Fuel Pump Control Module Requested MIL Illumination
P069F	Generic	Throttle Actuator Control Lamp Control Circuit
P06A0	Generic	Variable A/C Compressor Control Circuit
P06A1	Generic	Variable A/C Compressor Control Circuit Low
P06A2	Generic	Variable A/C Compressor Control Circuit High
P06A3	Generic	Sensor Reference Voltage "D" Circuit/Open
P06A4	Generic	Sensor Reference Voltage "D" Circuit Low
P06A5	Generic	Sensor Reference Voltage "D" Circuit High
P06A6	Generic	Sensor Reference Voltage "A" Circuit Range/Performance
P06A7	Generic	Sensor Reference Voltage "B" Circuit Range/Performance
P06A8	Generic	Sensor Reference Voltage "C" Circuit Range/Performance
P06A9	Generic	Sensor Reference Voltage "D" Circuit Range/Performance
P06AA	Generic	PCM/ECM/TCM Internal Temperature "B" Too High
P06AB	Generic	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit
P06AC	Generic	PCM/ECM/TCM Internal Temperature Sensor "B" Range/Performance
P06AD	Generic	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit Low

P06AE	Generic	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit High
P06AF	Generic	Torque Management System - Forced Engine Shutdown
P06B0	Generic	Sensor Power Supply "A" Circuit/Open
P06B1	Generic	Sensor Power Supply "A" Circuit Low
P06B2	Generic	Sensor Power Supply "A" Circuit High
P06B3	Generic	Sensor Power Supply "B" Circuit/Open
P06B4	Generic	Sensor Power Supply "B" Circuit Low
P06B5	Generic	Sensor Power Supply "B" Circuit High
P06B6	Generic	Internal Control Module Knock Sensor Processor 1 Performance
P06B7	Generic	Internal Control Module Knock Sensor Processor 2 Performance
P06B8	Generic	Internal Control Module Non-Volatile Random Access Memory (NVRAM) Error
P06B9	Generic	Cylinder 1 Glow Plug Circuit Range/Performance
P06BA	Generic	Cylinder 2 Glow Plug Circuit Range/Performance
P06BB	Generic	Cylinder 3 Glow Plug Circuit Range/Performance
P06BC	Generic	Cylinder 4 Glow Plug Circuit Range/Performance
P06BD	Generic	Cylinder 5 Glow Plug Circuit Range/Performance
P06BE	Generic	Cylinder 6 Glow Plug Circuit Range/Performance
P06BF	Generic	Cylinder 7 Glow Plug Circuit Range/Performance
P06C0	Generic	Cylinder 8 Glow Plug Circuit Range/Performance
P06C1	Generic	Cylinder 9 Glow Plug Circuit Range/Performance
P06C2	Generic	Cylinder 10 Glow Plug Circuit Range/Performance
P06C3	Generic	Cylinder 11 Glow Plug Circuit Range/Performance
P06C4	Generic	Cylinder 12 Glow Plug Circuit Range/Performance
P06C5	Generic	Cylinder 1 Glow Plug Incorrect
P06C6	Generic	Cylinder 2 Glow Plug Incorrect
P06C7	Generic	Cylinder 3 Glow Plug Incorrect
P06C8	Generic	Cylinder 4 Glow Plug Incorrect
P06C9	Generic	Cylinder 5 Glow Plug Incorrect
P06CA	Generic	Cylinder 6 Glow Plug Incorrect
P06CB	Generic	Cylinder 7 Glow Plug Incorrect
P06CC	Generic	Cylinder 8 Glow Plug Incorrect
P06CD	Generic	Cylinder 9 Glow Plug Incorrect
P06CE	Generic	Cylinder 10 Glow Plug Incorrect
P06CF	Generic	Cylinder 11 Glow Plug Incorrect
P06D0	Generic	Cylinder 12 Glow Plug Incorrect
P06D1	Generic	Internal Control Module Ignition Coil Control Performance
P06D2	Generic	Sensor reference voltage E - circuit open
P06D3	Generic	Sensor reference voltage E - circuit low
P06D4	Generic	Sensor reference voltage E - circuit high
P06D5	Generic	Sensor reference voltage E - circuit range/performance
P06D6	Generic	Sensor reference voltage F - circuit open
P06D7	Generic	Sensor reference voltage F - circuit low
P06D8	Generic	Sensor reference voltage F - circuit high
P06D9	Generic	Sensor reference voltage F - circuit range/performance
P06DA	Generic	Engine oil pressure control - circuit open
P06DB	Generic	Engine oil pressure control - circuit low
P06DC	Generic	Engine oil pressure control - circuit high
P06DD	Generic	Engine oil pressure control - circuit performance problem
P06DE	Generic	Engine oil pressure control - control circuit malfunction. ON signal
P06DF	Generic	Glow plug control module - memory check sum error
P06E0	Generic	Glow plug. cylinder 11 - control circuit low
P06E1	Generic	Glow plug. cylinder 11 - control circuit high
P06E2	Generic	Glow plug. cylinder 12 - control circuit low
P06E3	Generic	Glow plug. cylinder 12 - control circuit high
P06E4	Generic	Control module wake-up signal - signal error
P06E5	Generic	Glow plug control module - performance problem
P0700	Generic	Transmission Control System (MIL Request)
P0701	Generic	Transmission Control System Range/Performance
P0702	Generic	Transmission Control System Electrical
P0703	Generic	Brake Switch "B" Circuit
P0704	Generic	Clutch Switch Input Circuit
P0705	Generic	Transmission Range Sensor "A" Circuit (PRNDL Input)
P0706	Generic	Transmission Range Sensor "A" Circuit Range/Performance
P0707	Generic	Transmission Range Sensor "A" Circuit Low
P0708	Generic	Transmission Range Sensor "A" Circuit High
P0709	Generic	Transmission Range Sensor "A" Circuit Intermittent
P070A	Generic	Transmission Fluid Level Sensor Circuit
P070B	Generic	Transmission Fluid Level Sensor Circuit Range/Performance
P070C	Generic	Transmission Fluid Level Sensor Circuit Low
P070D	Generic	Transmission Fluid Level Sensor Circuit High
P070E	Generic	Transmission Fluid Level Sensor Circuit intermittent/Erratic
P070F	Generic	Transmission Fluid Level Too Low
P0710	Generic	Transmission Fluid Temperature Sensor "A" Circuit
P0711	Generic	Transmission Fluid Temperature Sensor "A" Circuit Range/Performance
P0712	Generic	Transmission Fluid Temperature Sensor "A" Circuit Low
P0713	Generic	Transmission Fluid Temperature Sensor "A" Circuit High
P0714	Generic	Transmission Fluid Temperature Sensor "A" Circuit Intermittent
P0715	Generic	Input/Turbine Speed Sensor "A" Circuit

P0716	Generic	Input/Turbine Speed Sensor "A" Circuit Range/Performance
P0717	Generic	Input/Turbine Speed Sensor "A" Circuit No Signal
P0718	Generic	Input/Turbine Speed Sensor "A" Circuit Intermittent
P0719	Generic	Brake Switch "B" Circuit Low
P071A	Generic	Transmission Mode Switch "A" Circuit
P071B	Generic	Transmission Mode Switch "A" Circuit Low
P071C	Generic	Transmission Mode Switch "A" Circuit High
P071D	Generic	Transmission Mode Switch "B" Circuit
P071E	Generic	Transmission Mode Switch "B" Circuit Low
P071F	Generic	Transmission Mode Switch "B" Circuit High
P0720	Generic	Output Speed Sensor Circuit
P0721	Generic	Output Speed Sensor Circuit Range/Performance
P0722	Generic	Output Speed Sensor Circuit No Signal
P0723	Generic	Output Speed Sensor Circuit Intermittent
P0724	Generic	Brake Switch "B" Circuit High
P0725	Generic	Engine Speed Input Circuit
P0726	Generic	Engine Speed Input Circuit Range/Performance
P0727	Generic	Engine Speed Input Circuit No Signal
P0728	Generic	Engine Speed Input Circuit Intermittent
P0729	Generic	Gear 6 Incorrect Ratio
P072A	Generic	Stuck in Neutral
P072B	Generic	Stuck In Reverse
P072C	Generic	Stuck in Gear 1
P072D	Generic	Stuck in Gear 2
P072E	Generic	Stuck in Gear 3
P072F	Generic	Stuck in Gear 4
P0730	Generic	Incorrect Gear Ratio
P0731	Generic	Gear 1 Incorrect Ratio
P0732	Generic	Gear 2 Incorrect Ratio
P0733	Generic	Gear 3 Incorrect Ratio
P0734	Generic	Gear 4 Incorrect Ratio
P0735	Generic	Gear 5 Incorrect Ratio
P0736	Generic	Reverse Incorrect Ratio
P0737	Generic	TCM Engine Speed Output Circuit
P0738	Generic	TCM Engine Speed Output Circuit Low
P0739	Generic	TCM Engine Speed Output Circuit High
P073A	Generic	Stuck in Gear 5
P073B	Generic	Stuck in Gear 6
P073C	Generic	Stuck in Gear 7
P073D	Generic	Unable to Engage Neutral
P073E	Generic	Unable to Engage Reverse
P073F	Generic	Unable to Engage Gear 1
P0740	Generic	Torque Converter Clutch Circuit/Open
P0741	Generic	Torque Converter Clutch Circuit Performance/Stuck Off
P0742	Generic	Torque Converter Clutch Circuit Stuck On
P0743	Generic	Torque Converter Clutch Circuit Electrical
P0744	Generic	Torque Converter Clutch Circuit Intermittent
P0745	Generic	Pressure Control Solenoid "A"
P0746	Generic	Pressure Control Solenoid "A" Performance/Stuck Off
P0747	Generic	Pressure Control Solenoid "A" Stuck On
P0748	Generic	Pressure Control Solenoid "A" Electrical
P0749	Generic	Pressure Control Solenoid "A" Intermittent
P074A	Generic	Unable To Engage Gear 2
P074B	Generic	Unable To Engage Gear 3
P074C	Generic	Unable To Engage Gear 4
P074D	Generic	Unable To Engage Gear 5
P074E	Generic	Unable To Engage Gear 6
P074F	Generic	Unable To Engage Gear 7
P0750	Generic	Shift Solenoid "A"
P0751	Generic	Shift Solenoid "A" Performance/Stuck Off
P0752	Generic	Shift Solenoid "A" Stuck On
P0753	Generic	Shift Solenoid "A" Electrical
P0754	Generic	Shift Solenoid "A" Intermittent
P0755	Generic	Shift Solenoid "B"
P0756	Generic	Shift Solenoid "B" Performance/Stuck Off
P0757	Generic	Shift Solenoid "B" Stuck On
P0758	Generic	Shift Solenoid "B" Electrical
P0759	Generic	Shift Solenoid "B" Intermittent
P075A	Generic	Shift Solenoid "G"
P075B	Generic	Shift Solenoid "G" Performance/Stuck Off
P075C	Generic	Shift Solenoid "G" Stuck On
P075D	Generic	Shift Solenoid "G" Electrical
P075E	Generic	Shift Solenoid "G" Intermittent
P075F	Generic	Transmission Fluid Level Too High
P0760	Generic	Shift Solenoid "C"
P0761	Generic	Shift Solenoid "C" Performance/Stuck Off
P0762	Generic	Shift Solenoid "C" Stuck On
P0763	Generic	Shift Solenoid "C" Electrical

P0764	Generic	Shift Solenoid "C" Intermittent
P0765	Generic	Shift Solenoid "D"
P0766	Generic	Shift Solenoid "D" Performance/Stuck Off
P0767	Generic	Shift Solenoid "D" Stuck On
P0768	Generic	Shift Solenoid "D" Electrical
P0769	Generic	Shift Solenoid "D" Intermittent
P076A	Generic	Shift Solenoid "H"
P076B	Generic	Shift Solenoid "H" Performance/Stuck Off
P076C	Generic	Shift Solenoid "H" Stuck On
P076D	Generic	Shift Solenoid "H" Electrical
P076E	Generic	Shift Solenoid "H" Intermittent
P076F	Generic	Gear 7 Incorrect Ratio
P0770	Generic	Shift Solenoid "E"
P0771	Generic	Shift Solenoid "E" Performance/Stuck Off
P0772	Generic	Shift Solenoid "E" Stuck On
P0773	Generic	Shift Solenoid "E" Electrical
P0774	Generic	Shift Solenoid "E" Intermittent
P0775	Generic	Pressure Control Solenoid "B"
P0776	Generic	Pressure Control Solenoid "B" Performance/Stuck Off
P0777	Generic	Pressure Control Solenoid "B" Stuck On
P0778	Generic	Pressure Control Solenoid "B" Electrical
P0779	Generic	Pressure Control Solenoid "B" Intermittent
P077A	Generic	Output Speed Sensor Circuit - Loss of Direction Signal
P077B	Generic	Output Speed Sensor Circuit - Direction Error
P077C	Generic	Output speed sensor - circuit low
P077D	Generic	Output speed sensor - circuit high
P077E	Generic	Transmission fluid temperature (TFT) measurement system - multiple sensor correlation
P077F	Generic	Reverse gear 2 - incorrect ratio
P0780	Generic	Shift Error
P0781	Generic	1-2 Shift
P0782	Generic	2-3 Shift
P0783	Generic	3-4 Shift
P0784	Generic	4-5 Shift
P0785	Generic	Shift Timing Solenoid "A"
P0786	Generic	Shift Timing Solenoid "A" Range/Performance
P0787	Generic	Shift Timing Solenoid "A" Low
P0788	Generic	Shift Timing Solenoid "A" High
P0789	Generic	Shift Timing Solenoid "A" Intermittent
P078A	Generic	Shift Timing Solenoid "B"
P078B	Generic	Shift Timing Solenoid "B" Range/Performance
P078C	Generic	Shift Timing Solenoid "B" Low
P078D	Generic	Shift Timing Solenoid "B" High
P078E	Generic	Shift Timing Solenoid "B" Intermittent
P078F	Generic	Transmission mode selection switch C - circuit malfunction
P0790	Generic	Normal/Performance Switch Circuit
P0791	Generic	Intermediate Shaft Speed Sensor "A" Circuit
P0792	Generic	Intermediate Shaft Speed Sensor "A" Circuit Range/Performance
P0793	Generic	Intermediate Shaft Speed Sensor "A" Circuit No Signal
P0794	Generic	Intermediate Shaft Speed Sensor "A" Circuit Intermittent
P0795	Generic	Pressure Control Solenoid "C"
P0796	Generic	Pressure Control Solenoid "C" Performance/Stuck Off
P0797	Generic	Pressure Control Solenoid "C" Stuck On
P0798	Generic	Pressure Control Solenoid "C" Electrical
P0799	Generic	Pressure Control Solenoid "C" Intermittent
P079A	Generic	Transmission Friction Element "A" Slip Detected
P079B	Generic	Transmission Friction Element "B" Slip Detected
P079C	Generic	Transmission Friction Element "C" Slip Detected
P079D	Generic	Transmission Friction Element "D" Slip Detected
P079E	Generic	Transmission Friction Element "E" Slip Detected
P079F	Generic	Transmission Friction Element "F" Slip Detected
P07A0	Generic	Transmission Friction Element "G" Slip Detected
P07A1	Generic	Transmission Friction Element "H" Slip Detected
P07A2	Generic	Transmission Friction Element "A" Performance/Stuck Off
P07A3	Generic	Transmission Friction Element "A" Stuck On
P07A4	Generic	Transmission Friction Element "B" Performance/Stuck Off
P07A5	Generic	Transmission Friction Element "B" Stuck On
P07A6	Generic	Transmission Friction Element "C" Performance/Stuck Off
P07A7	Generic	Transmission Friction Element "C" Stuck On
P07A8	Generic	Transmission Friction Element "D" Performance/Stuck Off
P07A9	Generic	Transmission Friction Element "D" Stuck On
P07AA	Generic	Transmission Friction Element "E" Performance/Stuck Off
P07AB	Generic	Transmission Friction Element "E" Stuck On
P07AC	Generic	Transmission Friction Element "F" Performance/Stuck Off
P07AD	Generic	Transmission Friction Element "F" Stuck On
P07AE	Generic	Transmission Friction Element "G" Performance/Stuck Off
P07AF	Generic	Transmission Friction Element "G" Stuck On
P07B0	Generic	Transmission Friction Element "H" Performance/Stuck Off
P07B1	Generic	Transmission Friction Element "H" Stuck On

P07B2	Generic	Transmission Park Position Sensor/Switch "A" Circuit/Open
P07B3	Generic	Transmission Park Position Sensor/Switch "A" Circuit Low
P07B4	Generic	Transmission Park Position Sensor/Switch "A" Circuit High
P07B5	Generic	Transmission Park Position Sensor/Switch "A" Circuit Performance/Low
P07B6	Generic	Transmission Park Position Sensor/Switch "A" Circuit Performance High
P07B7	Generic	Transmission Park Position Sensor/Switch "A" Circuit Intermittent/Erratic
P07B8	Generic	Transmission Park Position Sensor/Switch "B" Circuit/Open
P07B9	Generic	Transmission Park Position Sensor/Switch "B" Circuit Low
P07BA	Generic	Transmission Park Position Sensor/Switch "B" Circuit High
P07BB	Generic	Transmission Park Position Sensor/Switch "B" Circuit Performance/Low
P07BC	Generic	Transmission Park Position Sensor/Switch "B" Circuit Performance High
P07BD	Generic	Transmission Park Position Sensor/Switch "B" Circuit Intermittent/Erratic
P07BE	Generic	Transmission Park Position Sensor/Switch "A"/"B" Correlation
P07BF	Generic	Input shaft speed (ISS) sensor/turbine shaft speed (TSS) sensor A - circuit low
P07C0	Generic	Input shaft speed (ISS) sensor/turbine shaft speed (TSS) sensor A - circuit high
P07C1	Generic	Input shaft speed (ISS) sensor/turbine shaft speed (TSS) sensor B - circuit low
P07C2	Generic	Input shaft speed (ISS) sensor/turbine shaft speed (TSS) sensor B - circuit high
P07C3	Generic	Input shaft speed (ISS) sensor/turbine shaft speed (TSS) sensor C - circuit low
P07C4	Generic	Input shaft speed (ISS) sensor/turbine shaft speed (TSS) sensor C - circuit high
P07C5	Generic	Intermediate shaft speed sensor A - circuit low
P07C6	Generic	Intermediate shaft speed sensor A - circuit high
P07C7	Generic	Intermediate shaft speed sensor B - circuit low
P07C8	Generic	Intermediate shaft speed sensor B - circuit high
P07C9	Generic	Intermediate shaft speed sensor C - circuit low
P07CA	Generic	Intermediate shaft speed sensor C - circuit high
P07CB	Generic	Transmission fluid thermostat - performance problem
P0800	Generic	Transfer Case Control System (MIL Request)
P0801	Generic	Reverse Inhibit Control Circuit
P0802	Generic	Transmission Control System MIL Request Circuit/Open
P0803	Generic	Upshift/Skip Shift Solenoid Control Circuit
P0804	Generic	Upshift/Skip Shift Lamp Control Circuit
P0805	Generic	Clutch Position Sensor Circuit
P0806	Generic	Clutch Position Sensor Circuit Range/Performance
P0807	Generic	Clutch Position Sensor Circuit Low
P0808	Generic	Clutch Position Sensor Circuit High
P0809	Generic	Clutch Position Sensor Circuit Intermittent
P080A	Generic	Clutch Position Not Learned
P080B	Generic	Upshift/Skip Shift Solenoid Control Circuit Range/Performance
P080C	Generic	Upshift/Skip Shift Solenoid Control Circuit Low
P080D	Generic	Upshift/Skip Shift Solenoid Control Circuit High
P0810	Generic	Clutch Position Control Error
P0811	Generic	Excessive Clutch "A" Slippage
P0812	Generic	Reverse Input Circuit
P0813	Generic	Reverse Output Circuit
P0814	Generic	Transmission Range Display Circuit
P0815	Generic	Upshift Switch Circuit
P0816	Generic	Downshift Switch Circuit
P0817	Generic	Starter Disable Circuit/Open
P0818	Generic	Driveline Disconnect Switch Input Circuit
P0819	Generic	Up and Down Shift Switch to Transmission Range Correlation
P081A	Generic	Starter Disable Circuit Low
P081B	Generic	Starter Disable Circuit High
P081C	Generic	Park Input Circuit
P081D	Generic	Neutral Input Circuit
P081E	Generic	Excessive Clutch "B" Slippage
P0820	Generic	Gear Lever X-Y Position Sensor Circuit
P0821	Generic	Gear Lever X Position Circuit
P0822	Generic	Gear Lever Y Position Circuit
P0823	Generic	Gear Lever X Position Circuit Intermittent
P0824	Generic	Gear Lever Y Position Circuit Intermittent
P0825	Generic	Gear Lever Push-Pull Switch (Shift Anticipate)
P0826	Generic	Up and Down Shift Switch Circuit
P0827	Generic	Up and Down Shift Switch Circuit Low
P0828	Generic	Up and Down Shift Switch Circuit High
P0829	Generic	5-6 Shift
P082A	Generic	Gear Lever X Position Circuit Range/Performance
P082B	Generic	Gear Lever X Position Circuit Low
P082C	Generic	Gear Lever X Position Circuit High
P082D	Generic	Gear Lever Y Position Circuit Range/Performance
P082E	Generic	Gear Lever Y Position Circuit Low
P082F	Generic	Gear Lever Y Position Circuit High
P0830	Generic	Clutch Pedal Switch "A" Circuit
P0831	Generic	Clutch Pedal Switch "A" Circuit Low
P0832	Generic	Clutch Pedal Switch "A" Circuit High
P0833	Generic	Clutch Pedal Switch "B" Circuit
P0834	Generic	Clutch Pedal Switch "B" Circuit Low
P0835	Generic	Clutch Pedal Switch "B" Circuit High
P0836	Generic	Four Wheel Drive (4WD) Switch Circuit

P0837	Generic	Four Wheel Drive (4WD) Switch Circuit Range/Performance
P0838	Generic	Four Wheel Drive (4WD) Switch Circuit Low
P0839	Generic	Four Wheel Drive (4WD) Switch Circuit High
P083A	Generic	Transmission Fluid Pressure Sensor/Switch "G" Circuit
P083B	Generic	Transmission Fluid Pressure Sensor/Switch "G" Circuit Range/Performance
P083C	Generic	Transmission Fluid Pressure Sensor/Switch "G" Circuit Low
P083D	Generic	Transmission Fluid Pressure Sensor/Switch "G" Circuit High
P083E	Generic	Transmission Fluid Pressure Sensor/Switch "G" Circuit Intermittent
P083F	Generic	Clutch Pedal Switch "A"/"B" Correlation
P0840	Generic	Transmission Fluid Pressure Sensor/Switch "A" Circuit
P0841	Generic	Transmission Fluid Pressure Sensor/Switch "A" Circuit Range/Performance
P0842	Generic	Transmission Fluid Pressure Sensor/Switch "A" Circuit Low
P0843	Generic	Transmission Fluid Pressure Sensor/Switch "A" Circuit High
P0844	Generic	Transmission Fluid Pressure Sensor/Switch "A" Circuit Intermittent
P0845	Generic	Transmission Fluid Pressure Sensor/Switch "B" Circuit
P0846	Generic	Transmission Fluid Pressure Sensor/Switch "B" Circuit Range/Performance
P0847	Generic	Transmission Fluid Pressure Sensor/Switch "B" Circuit Low
P0848	Generic	Transmission Fluid Pressure Sensor/Switch "B" Circuit High
P0849	Generic	Transmission Fluid Pressure Sensor/Switch "B" Circuit Intermittent
P084A	Generic	Transmission Fluid Pressure Sensor/Switch "H" Circuit
P084B	Generic	Transmission Fluid Pressure Sensor/Switch "H" Circuit Range/Performance
P084C	Generic	Transmission Fluid Pressure Sensor/Switch "H" Circuit Low
P084D	Generic	Transmission Fluid Pressure Sensor/Switch "H" Circuit High
P084E	Generic	Transmission Fluid Pressure Sensor/Switch "H" Circuit Intermittent
P084F	Generic	Park/Neutral Switch Output Circuit
P0850	Generic	Park/Neutral Switch Input Circuit
P0851	Generic	Park/Neutral Switch Input Circuit Low
P0852	Generic	Park/Neutral Switch Input Circuit High
P0853	Generic	Drive Switch Input Circuit
P0854	Generic	Drive Switch Input Circuit Low
P0855	Generic	Drive Switch Input Circuit High
P0856	Generic	Traction Control Input Signal
P0857	Generic	Traction Control Input Signal Range/Performance
P0858	Generic	Traction Control Input Signal Low
P0859	Generic	Traction Control Input Signal High
P085A	Generic	Gear Shift Control Module "B" Communication Circuit
P085B	Generic	Gear Shift Control Module "B" Communication Circuit Low
P085C	Generic	Gear Shift Control Module "B" Communication Circuit High
P085D	Generic	Gear Shift Control Module "A" Performance
P085E	Generic	Gear Shift Control Module "B" Performance
P0860	Generic	Gear Shift Control Module "A" Communication Circuit
P0861	Generic	Gear Shift Control Module "A" Communication Circuit Low
P0862	Generic	Gear Shift Control Module "A" Communication Circuit High
P0863	Generic	TCM Communication Circuit
P0864	Generic	TCM Communication Circuit Range/Performance
P0865	Generic	TCM Communication Circuit Low
P0866	Generic	TCM Communication Circuit High
P0867	Generic	Transmission Fluid Pressure
P0868	Generic	Transmission Fluid Pressure Low
P0869	Generic	Transmission Fluid Pressure High
P086A	Generic	Neutral position (NP) sensor - circuit open
P086B	Generic	Neutral position (NP) sensor - circuit range/performance
P086C	Generic	Neutral position (NP) sensor - circuit low
P086D	Generic	Neutral position (NP) sensor - circuit high
P086E	Generic	Neutral position (NP) sensor - circuit intermittent / erratic
P0870	Generic	Transmission Fluid Pressure Sensor/Switch "C" Circuit
P0871	Generic	Transmission Fluid Pressure Sensor/Switch "C" Circuit Range/Performance
P0872	Generic	Transmission Fluid Pressure Sensor/Switch "C" Circuit Low
P0873	Generic	Transmission Fluid Pressure Sensor/Switch "C" Circuit High
P0874	Generic	Transmission Fluid Pressure Sensor/Switch "C" Circuit Intermittent
P0875	Generic	Transmission Fluid Pressure Sensor/Switch "D" Circuit
P0876	Generic	Transmission Fluid Pressure Sensor/Switch "D" Circuit Range/Performance
P0877	Generic	Transmission Fluid Pressure Sensor/Switch "D" Circuit Low
P0878	Generic	Transmission Fluid Pressure Sensor/Switch "D" Circuit High
P0879	Generic	Transmission Fluid Pressure Sensor/Switch "D" Circuit Intermittent
P087A	Generic	Clutch position sensor B - circuit malfunction
P087B	Generic	Clutch position sensor B - circuit range/performance
P087C	Generic	Clutch position sensor B - circuit low
P087D	Generic	Clutch position sensor B - circuit high
P087E	Generic	Clutch position sensor B - circuit intermittent
P0880	Generic	TCM Power Input Signal
P0881	Generic	TCM Power Input Signal Range/Performance
P0882	Generic	TCM Power Input Signal Low
P0883	Generic	TCM Power Input Signal High
P0884	Generic	TCM Power Input Signal Intermittent
P0885	Generic	TCM Power Relay Control Circuit/Open
P0886	Generic	TCM Power Relay Control Circuit Low
P0887	Generic	TCM Power Relay Control Circuit High

P0888	Generic	TCM Power Relay Sense Circuit
P0889	Generic	TCM Power Relay Sense Circuit Range/Performance
P088A	Generic	Transmission Fluid Filter Deteriorated
P088B	Generic	Transmission Fluid Filter Very Deteriorated
P0890	Generic	TCM Power Relay Sense Circuit Low
P0891	Generic	TCM Power Relay Sense Circuit High
P0892	Generic	TCM Power Relay Sense Circuit Intermittent
P0893	Generic	Multiple Gears Engaged
P0894	Generic	Transmission Component Slipping
P0895	Generic	Shift Time Too Short
P0896	Generic	Shift Time Too Long
P0897	Generic	Transmission Fluid Deteriorated
P0898	Generic	Transmission Control System MIL Request Circuit Low
P0899	Generic	Transmission Control System MIL Request Circuit High
P089A	Generic	Gear lever X position sensor 2 - circuit malfunction
P089B	Generic	Gear lever X position sensor 2 - circuit range/performance
P089C	Generic	Gear lever X position sensor 2 - circuit low
P089D	Generic	Gear lever X position sensor 2 - circuit high
P089E	Generic	Gear lever X position sensor 2 - circuit intermittent/erratic
P089F	Generic	Gear lever Y position sensor 2 - circuit malfunction
P08A0	Generic	Gear lever Y position sensor 2 - circuit range/performance
P08A1	Generic	Gear lever Y position sensor 2 - circuit low
P08A2	Generic	Gear lever Y position sensor 2 - circuit high
P08A3	Generic	Gear lever Y position sensor 2 - circuit intermittent/erratic
P08A4	Generic	Gear lever X position sensor 1/2 - correlation
P08A5	Generic	Gear lever Y position sensor 1/2 - correlation
P08A6	Generic	Gear lever position measurement system - multiple sensor correlation
P0900	Generic	Clutch Actuator Circuit/Open
P0901	Generic	Clutch Actuator Circuit Range/Performance
P0902	Generic	Clutch Actuator Circuit Low
P0903	Generic	Clutch Actuator Circuit High
P0904	Generic	Gate Select Position Circuit
P0905	Generic	Gate Select Position Circuit Range/Performance
P0906	Generic	Gate Select Position Circuit Low
P0907	Generic	Gate Select Position Circuit High
P0908	Generic	Gate Select Position Circuit Intermittent
P0909	Generic	Gate Select Control Error
P090A	Generic	Clutch actuator B - open circuit
P090B	Generic	Clutch actuator B - circuit range/performance
P090C	Generic	Clutch actuator B - circuit low
P090D	Generic	Clutch actuator B - circuit high
P0910	Generic	Gate Select Actuator Circuit/Open
P0911	Generic	Gate Select Actuator Circuit Range/Performance
P0912	Generic	Gate Select Actuator Circuit Low
P0913	Generic	Gate Select Actuator Circuit High
P0914	Generic	Gear Shift Position Circuit
P0915	Generic	Gear Shift Position Circuit Range/Performance
P0916	Generic	Gear Shift Position Circuit Low
P0917	Generic	Gear Shift Position Circuit High
P0918	Generic	Gear Shift Position Circuit Intermittent
P0919	Generic	Gear Shift Position Control Error
P0920	Generic	Gear Shift Forward Actuator Circuit/Open
P0921	Generic	Gear Shift Forward Actuator Circuit Range/Performance
P0922	Generic	Gear Shift Forward Actuator Circuit Low
P0923	Generic	Gear Shift Forward Actuator Circuit High
P0924	Generic	Gear Shift Reverse Actuator Circuit/Open
P0925	Generic	Gear Shift Reverse Actuator Circuit Range/Performance
P0926	Generic	Gear Shift Reverse Actuator Circuit Low
P0927	Generic	Gear Shift Reverse Actuator Circuit High
P0928	Generic	Gear Shift Lock Solenoid/Actuator Control Circuit "A"/Open
P0929	Generic	Gear Shift Lock Solenoid/Actuator Control Circuit "A" Range/Performance
P092A	Generic	Gear Shift Lock Solenoid/Actuator Control Circuit "B"/Open
P092B	Generic	Gear Shift Lock Solenoid/Actuator Control Circuit "B" Range/Performance
P092C	Generic	Gear Shift Lock Solenoid/Actuator Control Circuit "B" Low
P092D	Generic	Gear Shift Lock Solenoid/Actuator Control Circuit "B" High
P0930	Generic	Gear Shift Lock Solenoid/Actuator Control Circuit "A" Low
P0931	Generic	Gear Shift Lock Solenoid/Actuator Control Circuit "A" High
P0932	Generic	Hydraulic Pressure Sensor Circuit
P0933	Generic	Hydraulic Pressure Sensor Range/Performance
P0934	Generic	Hydraulic Pressure Sensor Circuit Low
P0935	Generic	Hydraulic Pressure Sensor Circuit High
P0936	Generic	Hydraulic Pressure Sensor Circuit Intermittent
P0937	Generic	Hydraulic Oil Temperature Sensor Circuit
P0938	Generic	Hydraulic Oil Temperature Sensor Range/Performance
P0939	Generic	Hydraulic Oil Temperature Sensor Circuit Low
P0940	Generic	Hydraulic Oil Temperature Sensor Circuit High
P0941	Generic	Hydraulic Oil Temperature Sensor Circuit Intermittent
P0942	Generic	Hydraulic Pressure Unit

P0943	Generic	Hydraulic Pressure Unit Cycling Period Too Short
P0944	Generic	Hydraulic Pressure Unit Loss of Pressure
P0945	Generic	Hydraulic Pump Relay Circuit/Open
P0946	Generic	Hydraulic Pump Relay Circuit Range/Performance
P0947	Generic	Hydraulic Pump Relay Circuit Low
P0948	Generic	Hydraulic Pump Relay Circuit High
P0949	Generic	Auto Shift Manual Adaptive Learning Not Complete
P0950	Generic	Auto Shift Manual Control Circuit
P0951	Generic	Auto Shift Manual Control Circuit Range/Performance
P0952	Generic	Auto Shift Manual Control Circuit Low
P0953	Generic	Auto Shift Manual Control Circuit High
P0954	Generic	Auto Shift Manual Control Circuit Intermittent
P0955	Generic	Auto Shift Manual Mode Circuit
P0956	Generic	Auto Shift Manual Mode Circuit Range/Performance
P0957	Generic	Auto Shift Manual Mode Circuit Low
P0958	Generic	Auto Shift Manual Mode Circuit High
P0959	Generic	Auto Shift Manual Mode Circuit Intermittent
P0960	Generic	Pressure Control Solenoid "A" Control Circuit/Open
P0961	Generic	Pressure Control Solenoid "A" Control Circuit Range/Performance
P0962	Generic	Pressure Control Solenoid "A" Control Circuit Low
P0963	Generic	Pressure Control Solenoid "A" Control Circuit High
P0964	Generic	Pressure Control Solenoid "B" Control Circuit/Open
P0965	Generic	Pressure Control Solenoid "B" Control Circuit Range/Performance
P0966	Generic	Pressure Control Solenoid "B" Control Circuit Low
P0967	Generic	Pressure Control Solenoid "B" Control Circuit High
P0968	Generic	Pressure Control Solenoid "C" Control Circuit/Open
P0969	Generic	Pressure Control Solenoid "C" Control Circuit Range/Performance
P0970	Generic	Pressure Control Solenoid "C" Control Circuit Low
P0971	Generic	Pressure Control Solenoid "C" Control Circuit High
P0972	Generic	Shift Solenoid "A" Control Circuit Range/Performance
P0973	Generic	Shift Solenoid "A" Control Circuit Low
P0974	Generic	Shift Solenoid "A" Control Circuit High
P0975	Generic	Shift Solenoid "B" Control Circuit Range/Performance
P0976	Generic	Shift Solenoid "B" Control Circuit Low
P0977	Generic	Shift Solenoid "B" Control Circuit High
P0978	Generic	Shift Solenoid "C" Control Circuit Range/Performance
P0979	Generic	Shift Solenoid "C" Control Circuit Low
P0980	Generic	Shift Solenoid "C" Control Circuit High
P0981	Generic	Shift Solenoid "D" Control Circuit Range/Performance
P0982	Generic	Shift Solenoid "D" Control Circuit Low
P0983	Generic	Shift Solenoid "D" Control Circuit High
P0984	Generic	Shift Solenoid "E" Control Circuit Range/Performance
P0985	Generic	Shift Solenoid "E" Control Circuit Low
P0986	Generic	Shift Solenoid "E" Control Circuit High
P0987	Generic	Transmission Fluid Pressure Sensor/Switch "E" Circuit
P0988	Generic	Transmission Fluid Pressure Sensor/Switch "E" Circuit Range/Performance
P0989	Generic	Transmission Fluid Pressure Sensor/Switch "E" Circuit Low
P0990	Generic	Transmission Fluid Pressure Sensor/Switch "E" Circuit High
P0991	Generic	Transmission Fluid Pressure Sensor/Switch "E" Circuit Intermittent
P0992	Generic	Transmission Fluid Pressure Sensor/Switch "F" Circuit
P0993	Generic	Transmission Fluid Pressure Sensor/Switch "F" Circuit Range/Performance
P0994	Generic	Transmission Fluid Pressure Sensor/Switch "F" Circuit Low
P0995	Generic	Transmission Fluid Pressure Sensor/Switch "F" Circuit High
P0996	Generic	Transmission Fluid Pressure Sensor/Switch "F" Circuit Intermittent
P0997	Generic	Shift Solenoid "F" Control Circuit Range/Performance
P0998	Generic	Shift Solenoid "F" Control Circuit Low
P0999	Generic	Shift Solenoid "F" Control Circuit High
P099A	Generic	Shift Solenoid "G" Control Circuit Range/Performance
P099B	Generic	Shift Solenoid "G" Control Circuit Low
P099C	Generic	Shift Solenoid "G" Control Circuit High
P099D	Generic	Shift Solenoid "H" Control Circuit Range/Performance
P099E	Generic	Shift Solenoid "H" Control Circuit Low
P099F	Generic	Shift Solenoid "H" Control Circuit High
POA00	Generic	Motor Electronics Coolant Temperature Sensor Circuit
POA01	Generic	Motor Electronics Coolant Temperature Sensor Circuit Range/Performance
POA02	Generic	Motor Electronics Coolant Temperature Sensor Circuit Low
POA03	Generic	Motor Electronics Coolant Temperature Sensor Circuit High
POA04	Generic	Motor Electronics Coolant Temperature Sensor Circuit Intermittent
POA05	Generic	Motor Electronics Coolant Pump "A" Control Circuit/Open
POA06	Generic	Motor Electronics Coolant Pump "A" Control Circuit Low
POA07	Generic	Motor Electronics Coolant Pump "A" Control Circuit High
POA08	Generic	DC/DC Converter Status Circuit
POA09	Generic	DC/DC Converter Status Circuit Low
POA0A	Generic	High Voltage System Interlock Circuit
POA0B	Generic	High Voltage System Interlock Circuit Performance
POA0C	Generic	High Voltage System Interlock Circuit Low
POA0D	Generic	High Voltage System Interlock Circuit High
POA0E	Generic	High Voltage System Interlock Circuit Intermittent

POA0F	Generic	Engine Failed to Start
POA10	Generic	DC/DC Converter Status Circuit High
POA11	Generic	DC/DC Converter Enable Circuit/Open
POA12	Generic	DC/DC Converter Enable Circuit Low
POA13	Generic	DC/DC Converter Enable Circuit High
POA14	Generic	Engine Mount "A" Control Circuit/Open
POA15	Generic	Engine Mount "A" Control Circuit Low
POA16	Generic	Engine Mount "A" Control Circuit High
POA17	Generic	Motor Torque Sensor Circuit
POA18	Generic	Motor Torque Sensor Circuit Range/Performance
POA19	Generic	Motor Torque Sensor Circuit Low
POA1A	Generic	Generator Control Module
POA1B	Generic	Drive Motor "A" Control Module
POA1C	Generic	Drive Motor "B" Control Module
POA1D	Generic	Hybrid Powertrain Control Module
POA1E	Generic	Starter/Generator Control Module
POA1F	Generic	Battery Energy Control Module
POA20	Generic	Motor Torque Sensor Circuit High
POA21	Generic	Motor Torque Sensor Circuit Intermittent
POA22	Generic	Generator Torque Sensor Circuit
POA23	Generic	Generator Torque Sensor Circuit Range/Performance
POA24	Generic	Generator Torque Sensor Circuit Low
POA25	Generic	Generator Torque Sensor Circuit High
POA26	Generic	Generator Torque Sensor Circuit Intermittent
POA27	Generic	Hybrid Battery Power Off Circuit
POA28	Generic	Hybrid Battery Power Off Circuit Low
POA29	Generic	Hybrid Battery Power Off Circuit High
POA2A	Generic	Drive Motor "A" Temperature Sensor Circuit
POA2B	Generic	Drive Motor "A" Temperature Sensor Circuit Range/Performance
POA2C	Generic	Drive Motor "A" Temperature Sensor Circuit Low
POA2D	Generic	Drive Motor "A" Temperature Sensor Circuit High
POA2E	Generic	Drive Motor "A" Temperature Sensor Circuit Intermittent
POA2F	Generic	Drive Motor "A" Over Temperature
POA30	Generic	Drive Motor "B" Temperature Sensor Circuit
POA31	Generic	Drive Motor "B" Temperature Sensor Circuit Range/Performance
POA32	Generic	Drive Motor "B" Temperature Sensor Circuit Low
POA33	Generic	Drive Motor "B" Temperature Sensor Circuit High
POA34	Generic	Drive Motor "B" Temperature Sensor Circuit Intermittent
POA35	Generic	Drive Motor "B" Over Temperature
POA36	Generic	Generator Temperature Sensor Circuit
POA37	Generic	Generator Temperature Sensor Circuit Range/Performance
POA38	Generic	Generator Temperature Sensor Circuit Low
POA39	Generic	Generator Temperature Sensor Circuit High
POA3A	Generic	Generator Temperature Sensor Circuit Intermittent
POA3B	Generic	Generator Over Temperature
POA3C	Generic	Drive Motor "A" Inverter Over Temperature
POA3D	Generic	Drive Motor "B" Inverter Over Temperature
POA3E	Generic	Generator Inverter Over Temperature
POA3F	Generic	Drive Motor "A" Position Sensor Circuit
POA40	Generic	Drive Motor "A" Position Sensor Circuit Range/Performance
POA41	Generic	Drive Motor "A" Position Sensor Circuit Low
POA42	Generic	Drive Motor "A" Position Sensor Circuit High
POA43	Generic	Drive Motor "A" Position Sensor Circuit Intermittent
POA44	Generic	Drive Motor "A" Position Sensor Circuit Overspeed
POA45	Generic	Drive Motor "B" Position Sensor Circuit
POA46	Generic	Drive Motor "B" Position Sensor Circuit Range/Performance
POA47	Generic	Drive Motor "B" Position Sensor Circuit Low
POA48	Generic	Drive Motor "B" Position Sensor Circuit High
POA49	Generic	Drive Motor "B" Position Sensor Circuit Intermittent
POA4A	Generic	Drive Motor "B" Position Sensor Circuit Overspeed
POA4B	Generic	Generator Position Sensor Circuit
POA4C	Generic	Generator Position Sensor Circuit Range/Performance
POA4D	Generic	Generator Position Sensor Circuit Low
POA4E	Generic	Generator Position Sensor Circuit High
POA4F	Generic	Generator Position Sensor Circuit Intermittent
POA50	Generic	Generator Position Sensor Circuit Overspeed
POA51	Generic	Drive Motor "A" Current Sensor Circuit
POA52	Generic	Drive Motor "A" Current Sensor Circuit Range/Performance
POA53	Generic	Drive Motor "A" Current Sensor Circuit Low
POA54	Generic	Drive Motor "A" Current Sensor Circuit High
POA55	Generic	Drive Motor "B" Current Sensor Circuit
POA56	Generic	Drive Motor "B" Current Sensor Circuit Range/Performance
POA57	Generic	Drive Motor "B" Current Sensor Circuit Low
POA58	Generic	Drive Motor "B" Current Sensor Circuit High
POA59	Generic	Generator Current Sensor Circuit
POA5A	Generic	Generator Current Sensor Circuit Range/Performance
POA5B	Generic	Generator Current Sensor Circuit Low
POA5C	Generic	Generator Current Sensor Circuit High

P0A5D	Generic	Drive Motor "A" Phase U Current
P0A5E	Generic	Drive Motor "A" Phase U Current Low
P0A5F	Generic	Drive Motor "A" Phase U Current High
P0A60	Generic	Drive Motor "A" Phase V Current
P0A61	Generic	Drive Motor "A" Phase V Current Low
P0A62	Generic	Drive Motor "A" Phase V Current High
P0A63	Generic	Drive Motor "A" Phase W Current
P0A64	Generic	Drive Motor "A" Phase W Current Low
P0A65	Generic	Drive Motor "A" Phase W Current High
P0A66	Generic	Drive Motor "B" Phase U Current
P0A67	Generic	Drive Motor "B" Phase U Current Low
P0A68	Generic	Drive Motor "B" Phase U Current High
P0A69	Generic	Drive Motor "B" Phase V Current
P0A6A	Generic	Drive Motor "B" Phase V Current Low
P0A6B	Generic	Drive Motor "B" Phase V Current High
P0A6C	Generic	Drive Motor "B" Phase W Current
P0A6D	Generic	Drive Motor "B" Phase W Current Low
P0A6E	Generic	Drive Motor "B" Phase W Current High
P0A6F	Generic	Generator Phase U Current
P0A70	Generic	Generator Phase U Current Low
P0A71	Generic	Generator Phase U Current High
P0A72	Generic	Generator Phase V Current
P0A73	Generic	Generator Phase V Current Low
P0A74	Generic	Generator Phase V Current High
P0A75	Generic	Generator Phase W Current
P0A76	Generic	Generator Phase W Current Low
P0A77	Generic	Generator Phase W Current High
P0A78	Generic	Drive Motor "A" Inverter Performance
P0A79	Generic	Drive Motor "B" Inverter Performance
P0A7A	Generic	Generator Inverter Performance
P0A7B	Generic	Battery Energy Control Module Requested MIL Illumination
P0A7C	Generic	Motor Electronics Over Temperature
P0A7D	Generic	Hybrid Battery Pack State of Charge Low
P0A7E	Generic	Hybrid Battery Pack Over Temperature
P0A7F	Generic	Hybrid Battery Pack Deterioration
P0A80	Generic	Replace Hybrid Battery Pack
P0A81	Generic	Hybrid Battery Pack Cooling Fan 1 Control Circuit/Open
P0A82	Generic	Hybrid Battery Pack Cooling Fan 1 Performance/Stuck Off
P0A83	Generic	Hybrid Battery Pack Cooling Fan 1 Stuck On
P0A84	Generic	Hybrid Battery Pack Cooling Fan 1 Control Circuit Low
P0A85	Generic	Hybrid Battery Pack Cooling Fan 1 Control Circuit High
P0A86	Generic	14 Volt Power Module Current Sensor Circuit
P0A87	Generic	14 Volt Power Module Current Sensor Circuit Range/Performance
P0A88	Generic	14 Volt Power Module Current Sensor Circuit Low
P0A89	Generic	14 Volt Power Module Current Sensor Circuit High
P0A8A	Generic	14 Volt Power Module Current Sensor Circuit Intermittent
P0A8B	Generic	14 Volt Power Module System Voltage
P0A8C	Generic	14 Volt Power Module System Voltage Unstable
P0A8D	Generic	14 Volt Power Module System Voltage Low
P0A8E	Generic	14 Volt Power Module System Voltage High
P0A8F	Generic	14 Volt Power Module System Performance
P0A90	Generic	Drive Motor "A" Performance
P0A91	Generic	Drive Motor "B" Performance
P0A92	Generic	Hybrid Generator Performance
P0A93	Generic	Inverter "A" Cooling System Performance
P0A94	Generic	DC/DC Converter Performance
P0A95	Generic	High Voltage Fuse
P0A96	Generic	Hybrid Battery Pack Cooling Fan 2 Control Circuit/Open
P0A97	Generic	Hybrid Battery Pack Cooling Fan 2 Performance/Stuck Off
P0A98	Generic	Hybrid Battery Pack Cooling Fan 2 Stuck On
P0A99	Generic	Hybrid Battery Pack Cooling Fan 2 Control Circuit Low
P0A9A	Generic	Hybrid Battery Pack Cooling Fan 2 Control Circuit High
P0A9B	Generic	Hybrid Battery Temperature Sensor "A" Circuit
P0A9C	Generic	Hybrid Battery Temperature Sensor "A" Range/Performance
P0A9D	Generic	Hybrid Battery Temperature Sensor "A" Circuit Low
P0A9E	Generic	Hybrid Battery Temperature Sensor "A" Circuit High
P0A9F	Generic	Hybrid Battery Temperature Sensor "A" Circuit Intermittent/Erratic
P0AA0	Generic	Hybrid Battery Positive Contactor Circuit
P0AA1	Generic	Hybrid Battery Positive Contactor Circuit Stuck Closed
P0AA2	Generic	Hybrid Battery Positive Contactor Circuit Stuck Open
P0AA3	Generic	Hybrid Battery Negative Contactor Circuit
P0AA4	Generic	Hybrid Battery Negative Contactor Circuit Stuck Closed
P0AA5	Generic	Hybrid Battery Negative Contactor Circuit Stuck Open
P0AA6	Generic	Hybrid Battery Voltage System Isolation Fault
P0AA7	Generic	Hybrid Battery Voltage Isolation Sensor Circuit
P0AA8	Generic	Hybrid Battery Voltage Isolation Sensor Circuit Range/Performance
P0AA9	Generic	Hybrid Battery Voltage Isolation Sensor Circuit Low
P0AAA	Generic	Hybrid Battery Voltage Isolation Sensor Circuit High

POAAB	Generic	Hybrid Battery Voltage Isolation Sensor Circuit Intermittent/Erratic
POAAC	Generic	Hybrid Battery Pack Air Temperature Sensor "A" Circuit
POAAD	Generic	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Range/Performance
POAAE	Generic	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Low
POAAF	Generic	Hybrid Battery Pack Air Temperature Sensor "A" Circuit High
POAB0	Generic	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Intermittent/Erratic
POAB1	Generic	Hybrid Battery Pack Air Temperature Sensor "B" Circuit
POAB2	Generic	Hybrid Battery Pack Air Temperature Sensor "B" Circuit
POAB3	Generic	Hybrid Battery Pack Air Temperature Sensor "B" Circuit Low
POAB4	Generic	Hybrid Battery Pack Air Temperature Sensor "B" Circuit High
POAB5	Generic	Hybrid Battery Pack Air Temperature Sensor "B" Circuit Intermittent/Erratic
POAB6	Generic	Engine Mount "B" Control Circuit/Open
POAB7	Generic	Engine Mount "B" Control Circuit Low
POAB8	Generic	Engine Mount "B" Control Circuit High
POAB9	Generic	Hybrid System Performance
POABA	Generic	Hybrid Battery Pack Voltage Sense "A" Circuit
POABB	Generic	Hybrid Battery Pack Voltage Sense "A" Circuit Range/Performance
POABC	Generic	Hybrid Battery Pack Voltage Sense "A" Circuit Low
POABD	Generic	Hybrid Battery Pack Voltage Sense "A" Circuit High
POABE	Generic	Hybrid Battery Pack Voltage Sense "A" Circuit Intermittent/Erratic
POABF	Generic	Hybrid Battery Pack Current Sensor "A" Circuit
POACO	Generic	Hybrid Battery Pack Current Sensor "A" Circuit Range/Performance
POAC1	Generic	Hybrid Battery Pack Current Sensor "A" Circuit Low
POAC2	Generic	Hybrid Battery Pack Current Sensor "A" Circuit High
POAC3	Generic	Hybrid Battery Pack Current Sensor "A" Circuit Intermittent/Erratic
POAC4	Generic	Hybrid Powertrain Control Module Requested MIL Illumination
POAC5	Generic	Hybrid Battery Temperature Sensor "B" Circuit
POAC6	Generic	Hybrid Battery Temperature Sensor "B" Range/Performance
POAC7	Generic	Hybrid Battery Temperature Sensor "B" Circuit Low
POAC8	Generic	Hybrid Battery Temperature Sensor "B" Circuit High
POAC9	Generic	Hybrid Battery Temperature Sensor "B" Circuit Intermittent/Erratic
POACA	Generic	Hybrid Battery Temperature Sensor "C" Circuit
POACB	Generic	Hybrid Battery Temperature Sensor "C" Range/Performance
POACC	Generic	Hybrid Battery Temperature Sensor "C" Circuit Low
POACD	Generic	Hybrid Battery Temperature Sensor "C" Circuit High
POACE	Generic	Hybrid Battery Temperature Sensor "C" Circuit Intermittent/Erratic
POACF	Generic	Hybrid Battery Pack Cooling Fan 3 Control Circuit/Open
POAD0	Generic	Hybrid Battery Pack Cooling Fan 3 Performance/Stuck Off
POAD1	Generic	Hybrid Battery Pack Cooling Fan 3 Stuck On
POAD2	Generic	Hybrid Battery Pack Cooling Fan 3 Control Circuit Low
POAD3	Generic	Hybrid Battery Pack Cooling Fan 3 Control Circuit High
POAD4	Generic	Hybrid Battery Pack Air Flow System Insufficient Air Flow
POAD5	Generic	Hybrid Battery Pack Air Flow Valve "A" Control Circuit/Open
POAD6	Generic	Hybrid Battery Pack Air Flow Valve "A" Control Circuit Range/Performance
POAD7	Generic	Hybrid Battery Pack Air Flow Valve "A" Control Circuit Low
POAD8	Generic	Hybrid Battery Pack Air Flow Valve "A" Control Circuit High
POAD9	Generic	Hybrid Battery Positive Contactor Control Circuit/Open
POADA	Generic	Hybrid Battery Positive Contactor Control Circuit Range/Performance
POADB	Generic	Hybrid Battery Positive Contactor Control Circuit Low
POADC	Generic	Hybrid Battery Positive Contactor Control Circuit High
POADD	Generic	Hybrid Battery Negative Contactor Control Circuit/Open
POADE	Generic	Hybrid Battery Negative Contactor Control Circuit Range/Performance
POADF	Generic	Hybrid Battery Negative Contactor Control Circuit Low
POAE0	Generic	Hybrid Battery Negative Contactor Control Circuit High
POAE1	Generic	Hybrid Battery Precharge Contactor Circuit
POAE2	Generic	Hybrid Battery Precharge Contactor Circuit Stuck Closed
POAE3	Generic	Hybrid Battery Precharge Contactor Circuit Stuck Open
POAE4	Generic	Hybrid Battery Precharge Contactor Control Circuit
POAE5	Generic	Hybrid Battery Precharge Contactor Control Circuit Range/Performance
POAE6	Generic	Hybrid Battery Precharge Contactor Control Circuit Low
POAE7	Generic	Hybrid Battery Precharge Contactor Control Circuit High
POAE8	Generic	Hybrid Battery Temperature Sensor "D" Circuit
POAE9	Generic	Hybrid Battery Temperature Sensor "D" Range/Performance
POAEA	Generic	Hybrid Battery Temperature Sensor "D" Circuit Low
POAEB	Generic	Hybrid Battery Temperature Sensor "D" Circuit High
POAEC	Generic	Hybrid Battery Temperature Sensor "D" Circuit Intermittent/Erratic
POAED	Generic	Drive Motor Inverter Temperature Sensor "A" Circuit
POAEE	Generic	Drive Motor Inverter Temperature Sensor "A" Circuit Range/Performance
POAEF	Generic	Drive Motor Inverter Temperature Sensor "A" Circuit Low
POAF0	Generic	Drive Motor Inverter Temperature Sensor "A" Circuit High
POAF1	Generic	Drive Motor Inverter Temperature Sensor "A" Circuit Intermittent/Erratic
POAF2	Generic	Drive Motor Inverter Temperature Sensor "B" Circuit
POAF3	Generic	Drive Motor Inverter Temperature Sensor "B" Circuit Range/Performance
POAF4	Generic	Drive Motor Inverter Temperature Sensor "B" Circuit Low
POAF5	Generic	Drive Motor Inverter Temperature Sensor "B" Circuit High
POAF6	Generic	Drive Motor Inverter Temperature Sensor "B" Circuit Intermittent/Erratic
POAF7	Generic	14 Volt Power Module Internal Temperature Too High
POAF8	Generic	Hybrid Battery System Voltage

POAF9	Generic	Hybrid Battery System Voltage Unstable
POAFA	Generic	Hybrid Battery System Voltage Low
POAFB	Generic	Hybrid Battery System Voltage High
POAFC	Generic	Hybrid Battery Pack Sensor Module
POAFD	Generic	Hybrid Battery Pack Temperature Too Low
POAFE	Generic	Hybrid Battery System Voltage Too Low for Voltage Step Up Conversion
POAFF	Generic	System Voltage Too Low for Voltage Step Down Conversion
POB00	Generic	Auxiliary Transmission Fluid Pump Motor Phase U Current
POB01	Generic	Auxiliary Transmission Fluid Pump Motor Phase U Current Low
POB02	Generic	Auxiliary Transmission Fluid Pump Motor Phase U Current High
POB03	Generic	Auxiliary Transmission Fluid Pump Motor Phase V Current
POB04	Generic	Auxiliary Transmission Fluid Pump Motor Phase V Current Low
POB05	Generic	Auxiliary Transmission Fluid Pump Motor Phase V Current High
POB06	Generic	Auxiliary Transmission Fluid Pump Motor Phase W Current
POB07	Generic	Auxiliary Transmission Fluid Pump Motor Phase W Current Low
POB08	Generic	Auxiliary Transmission Fluid Pump Motor Phase W Current High
POB09	Generic	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit/Open
POB0A	Generic	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit Low
POB0B	Generic	Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit High
POB0C	Generic	Auxiliary Transmission Fluid Pump Hydraulic Leakage
POB0D	Generic	Auxiliary Transmission Fluid Pump Motor Control Module
POB0E	Generic	Hybrid Battery Pack Current Sensor "B" Circuit
POB0F	Generic	Hybrid Battery Pack Current Sensor "B" Circuit Range/Performance
POB10	Generic	Hybrid Battery Pack Current Sensor "B" Circuit Low
POB11	Generic	Hybrid Battery Pack Current Sensor "B" Circuit High
POB12	Generic	Hybrid Battery Pack Current Sensor "B" Circuit Intermittent/Erratic
POB13	Generic	Hybrid Battery Pack Current Sensor "A"/"B" Correlation
POB14	Generic	Hybrid Battery Pack Voltage Sense "B" Circuit
POB15	Generic	Hybrid Battery Pack Voltage Sense "B" Circuit Range/Performance
POB16	Generic	Hybrid Battery Pack Voltage Sense "B" Circuit Low
POB17	Generic	Hybrid Battery Pack Voltage Sense "B" Circuit High
POB18	Generic	Hybrid Battery Pack Voltage Sense "B" Circuit Intermittent/Erratic
POB19	Generic	Hybrid Battery Pack Voltage Sense "C" Circuit
POB1A	Generic	Hybrid Battery Pack Voltage Sense "C" Circuit Range/Performance
POB1B	Generic	Hybrid Battery Pack Voltage Sense "C" Circuit Low
POB1C	Generic	Hybrid Battery Pack Voltage Sense "C" Circuit High
POB1D	Generic	Hybrid Battery Pack Voltage Sense "C" Circuit Intermittent/Erratic
POB1E	Generic	Hybrid Battery Pack Voltage Sense "D" Circuit
POB1F	Generic	Hybrid Battery Pack Voltage Sense "D" Circuit Range/Performance
POB20	Generic	Hybrid Battery Pack Voltage Sense "D" Circuit Low
POB21	Generic	Hybrid Battery Pack Voltage Sense "D" Circuit High
POB22	Generic	Hybrid Battery Pack Voltage Sense "D" Circuit Intermittent/Erratic
POB23	Generic	Hybrid Battery "A" Voltage
POB24	Generic	Hybrid Battery "A" Voltage Unstable
POB25	Generic	Hybrid Battery "A" Voltage Low
POB26	Generic	Hybrid Battery "A" Voltage High
POB27	Generic	Hybrid Battery "B" Voltage
POB28	Generic	Hybrid Battery "B" Voltage Unstable
POB29	Generic	Hybrid Battery "B" Voltage Low
POB2A	Generic	Hybrid Battery "B" Voltage High
POB2B	Generic	Hybrid Battery "C" Voltage
POB2C	Generic	Hybrid Battery "C" Voltage Unstable
POB2D	Generic	Hybrid Battery "C" Voltage Low
POB2E	Generic	Hybrid Battery "C" Voltage High
POB2F	Generic	Hybrid Battery "D" Voltage
POB30	Generic	Hybrid Battery "D" Voltage Unstable
POB31	Generic	Hybrid Battery "D" Voltage Low
POB32	Generic	Hybrid Battery "D" Voltage High
POB33	Generic	High Voltage Service Disconnect Circuit
POB34	Generic	High Voltage Service Disconnect Circuit Performance
POB35	Generic	High Voltage Service Disconnect Circuit Low
POB36	Generic	High Voltage Service Disconnect Circuit High
POB37	Generic	High Voltage Service Disconnect Open
POB38	Generic	Motor Electronics Coolant Pump "B" Control Circuit/Open
POB39	Generic	Motor Electronics Coolant Pump "B" Control Circuit Low
POB3A	Generic	Motor Electronics Coolant Pump "B" Control Circuit High
POB3B	Generic	Hybrid Battery Voltage Sense "A" Circuit
POB3C	Generic	Hybrid Battery Voltage Sense "A" Circuit Range/Performance
POB3D	Generic	Hybrid Battery Voltage Sense "A" Circuit Low
POB3E	Generic	Hybrid Battery Voltage Sense "A" Circuit High
POB3F	Generic	Hybrid Battery Voltage Sense "A" Circuit Intermittent/Erratic
POB40	Generic	Hybrid Battery Voltage Sense "B" Circuit
POB41	Generic	Hybrid Battery Voltage Sense "B" Circuit Range/Performance
POB42	Generic	Hybrid Battery Voltage Sense "B" Circuit Low
POB43	Generic	Hybrid Battery Voltage Sense "B" Circuit High
POB44	Generic	Hybrid Battery Voltage Sense "B" Circuit Intermittent/Erratic
POB45	Generic	Hybrid Battery Voltage Sense "C" Circuit
POB46	Generic	Hybrid Battery Voltage Sense "C" Circuit Range/Performance

POB95	Generic	Hybrid Battery Voltage Sense "S" Circuit
POB96	Generic	Hybrid Battery Voltage Sense "S" Circuit Range/Performance
POB97	Generic	Hybrid Battery Voltage Sense "S" Circuit Low
POB98	Generic	Hybrid Battery Voltage Sense "S" Circuit High
POB99	Generic	Hybrid Battery Voltage Sense "S" Circuit Intermittent/Erratic
POB9A	Generic	Hybrid Battery Voltage Sense "T" Circuit
POB9B	Generic	Hybrid Battery Voltage Sense "T" Circuit Range/Performance
POB9C	Generic	Hybrid Battery Voltage Sense "T" Circuit Low
POB9D	Generic	Hybrid Battery Voltage Sense "T" Circuit High
POB9E	Generic	Hybrid Battery Voltage Sense "T" Circuit Intermittent/Erratic
POB9F	Generic	Hybrid Battery Voltage Sense "U" Circuit
POBA0	Generic	Hybrid Battery Voltage Sense "U" Circuit Range/Performance
POBA1	Generic	Hybrid Battery Voltage Sense "U" Circuit Low
POBA2	Generic	Hybrid Battery Voltage Sense "U" Circuit High
POBA3	Generic	Hybrid Battery Voltage Sense "U" Circuit Intermittent/Erratic
POBA4	Generic	Hybrid Battery Voltage Sense "V" Circuit
POBA5	Generic	Hybrid Battery Voltage Sense "V" Circuit Range/Performance
POBA6	Generic	Hybrid Battery Voltage Sense "V" Circuit Low
POBA7	Generic	Hybrid Battery Voltage Sense "V" Circuit High
POBA8	Generic	Hybrid Battery Voltage Sense "V" Circuit Intermittent/Erratic
POBA9	Generic	Hybrid Battery Voltage Sense "W" Circuit
POBAA	Generic	Hybrid Battery Voltage Sense "W" Circuit Range/Performance
POBAB	Generic	Hybrid Battery Voltage Sense "W" Circuit Low
POBAC	Generic	Hybrid Battery Voltage Sense "W" Circuit High
POBAD	Generic	Hybrid Battery Voltage Sense "W" Circuit Intermittent/Erratic
POBAE	Generic	Hybrid Battery Voltage Sense "X" Circuit
POBAF	Generic	Hybrid Battery Voltage Sense "X" Circuit Range/Performance
POBB0	Generic	Hybrid Battery Voltage Sense "X" Circuit Low
POBB1	Generic	Hybrid Battery Voltage Sense "X" Circuit High
POBB2	Generic	Hybrid Battery Voltage Sense "X" Circuit Intermittent/Erratic
POBB3	Generic	Hybrid Battery Voltage Sense "Y" Circuit
POBB4	Generic	Hybrid Battery Voltage Sense "Y" Circuit Range/Performance
POBB5	Generic	Hybrid Battery Voltage Sense "Y" Circuit Low
POBB6	Generic	Hybrid Battery Voltage Sense "Y" Circuit High
POBB7	Generic	Hybrid Battery Voltage Sense "Y" Circuit Intermittent/Erratic
POBB8	Generic	Hybrid Battery Voltage Sense "Z" Circuit
POBB9	Generic	Hybrid Battery Voltage Sense "Z" Circuit Range/Performance
POBBA	Generic	Hybrid Battery Voltage Sense "Z" Circuit Low
POBBB	Generic	Hybrid Battery Voltage Sense "Z" Circuit High
POBBC	Generic	Hybrid Battery Voltage Sense "Z" Circuit Intermittent/Erratic
POBBD	Generic	Hybrid Battery Pack Voltage Variation Exceeded Limit
POBBE	Generic	Hybrid Battery Pack Voltage Variation
POBBF	Generic	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit/Open
POBC0	Generic	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit Low
POBC1	Generic	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit High
POBC2	Generic	Hybrid Battery Temperature Sensor "E" Circuit
POBC3	Generic	Hybrid Battery Temperature Sensor "E" Range/Performance
POBC4	Generic	Hybrid Battery Temperature Sensor "E" Circuit Low
POBC5	Generic	Hybrid Battery Temperature Sensor "E" Circuit High
POBC6	Generic	Hybrid Battery Temperature Sensor "E" Circuit Intermittent/Erratic
POBC7	Generic	Hybrid Battery Pack Cooling Fan Sense Circuit/Open
POBC8	Generic	Hybrid Battery Pack Cooling Fan Sense Range/Performance
POBC9	Generic	Hybrid Battery Pack Cooling Fan Sense Circuit Low
POBCA	Generic	Hybrid Battery Pack Cooling Fan Sense Circuit High
POBCB	Generic	Hybrid Battery Pack Cooling Fan Sense Circuit Intermittent/Erratic
POBCC	Generic	Generator Inverter Temperature Sensor Circuit
POBCD	Generic	Generator Inverter Temperature Sensor Circuit Range/Performance
POBCE	Generic	Generator Inverter Temperature Sensor Circuit Low
POBCF	Generic	Generator Inverter Temperature Sensor Circuit High
POBD0	Generic	Generator Inverter Temperature Sensor Circuit Intermittent/Erratic
POBD1	Generic	Drive Motor Inverter Temperature Sensor "C" Circuit
POBD2	Generic	Drive Motor Inverter Temperature Sensor "C" Circuit Range/Performance
POBD3	Generic	Drive Motor Inverter Temperature Sensor "C" Circuit Low
POBD4	Generic	Drive Motor Inverter Temperature Sensor "C" Circuit High
POBD5	Generic	Drive Motor Inverter Temperature Sensor "C" Circuit Intermittent/Erratic
POBD6	Generic	Drive Motor Inverter Temperature Sensor "D" Circuit
POBD7	Generic	Drive Motor Inverter Temperature Sensor "D" Circuit Range/Performance
POBD8	Generic	Drive Motor Inverter Temperature Sensor "D" Circuit Low
POBD9	Generic	Drive Motor Inverter Temperature Sensor "D" Circuit High
POBDA	Generic	Drive Motor Inverter Temperature Sensor "D" Circuit Intermittent/Erratic
POBDB	Generic	Drive Motor Inverter Temperature Sensor "E" Circuit
POBDC	Generic	Drive Motor Inverter Temperature Sensor "E" Circuit Range/Performance
POBDD	Generic	Drive Motor Inverter Temperature Sensor "E" Circuit Low
POBDE	Generic	Drive Motor Inverter Temperature Sensor "E" Circuit High
POBDF	Generic	Drive Motor Inverter Temperature Sensor "E" Circuit Intermittent/Erratic
POBE0	Generic	Drive Motor Inverter Temperature Sensor "F" Circuit
POBE1	Generic	Drive Motor Inverter Temperature Sensor "F" Circuit Range/Performance
POBE2	Generic	Drive Motor Inverter Temperature Sensor "F" Circuit Low

POBE3	Generic	Drive Motor Inverter Temperature Sensor "F" Circuit High
POBE4	Generic	Drive Motor Inverter Temperature Sensor "F" Circuit Intermittent/Erratic
POBE5	Generic	Drive Motor "A" Phase U Current Sensor Circuit
POBE6	Generic	Drive Motor "A" Phase U Current Sensor Circuit Range/Performance
POBE7	Generic	Drive Motor "A" Phase U Current Sensor Circuit Low
POBE8	Generic	Drive Motor "A" Phase U Current Sensor Circuit High
POBE9	Generic	Drive Motor "A" Phase V Current Sensor Circuit
POBEA	Generic	Drive Motor "A" Phase V Current Sensor Circuit Range/Performance
POBEB	Generic	Drive Motor "A" Phase V Current Sensor Circuit Low
POBEC	Generic	Drive Motor "A" Phase V Current Sensor Circuit High
POBED	Generic	Drive Motor "A" Phase W Current Sensor Circuit
POBEE	Generic	Drive Motor "A" Phase W Current Sensor Circuit Range/Performance
POBEF	Generic	Drive Motor "A" Phase W Current Sensor Circuit Low
POBF0	Generic	Drive Motor "A" Phase W Current Sensor Circuit High
POBF1	Generic	Drive Motor "B" Phase U Current Sensor Circuit
POBF2	Generic	Drive Motor "B" Phase U Current Sensor Circuit Range/Performance
POBF3	Generic	Drive Motor "B" Phase U Current Sensor Circuit Low
POBF4	Generic	Drive Motor "B" Phase U Current Sensor Circuit High
POBF5	Generic	Drive Motor "B" Phase V Current Sensor Circuit
POBF6	Generic	Drive Motor "B" Phase V Current Sensor Circuit Range/Performance
POBF7	Generic	Drive Motor "B" Phase V Current Sensor Circuit Low
POBF8	Generic	Drive Motor "B" Phase V Current Sensor Circuit High
POBF9	Generic	Drive Motor "B" Phase W Current Sensor Circuit
POBFA	Generic	Drive Motor "B" Phase W Current Sensor Circuit Range/Performance
POBFB	Generic	Drive Motor "B" Phase W Current Sensor Circuit Low
POBFC	Generic	Drive Motor "B" Phase W Current Sensor Circuit High
POBFD	Generic	Drive Motor "A" Phase U-V-W Current Sensor Correlation
POBFE	Generic	Drive Motor "B" Phase U-V-W Current Sensor Correlation
POBFF	Generic	Drive Motor "A" Current
POC00	Generic	Drive Motor "A" Current Low
POC01	Generic	Drive Motor "A" Current High
POC02	Generic	Drive Motor "B" Current
POC03	Generic	Drive Motor "B" Current Low
POC04	Generic	Drive Motor "B" Current High
POC05	Generic	Drive Motor "A" Phase U-V-W Circuit/Open
POC06	Generic	Drive Motor "A" Phase U-V-W Circuit Low
POC07	Generic	Drive Motor "A" Phase U-V-W Circuit High
POC08	Generic	Drive Motor "B" Phase U-V-W Circuit/Open
POC09	Generic	Drive Motor "B" Phase U-V-W Circuit Low
POC0A	Generic	Drive Motor "B" Phase U-V-W Circuit High
POC0B	Generic	Drive Motor "A" Inverter Power Supply Circuit/Open
POC0C	Generic	Drive Motor "A" Inverter Power Supply Circuit Low
POC0D	Generic	Drive Motor "A" Inverter Power Supply Circuit High
POC0E	Generic	Drive Motor "B" Inverter Power Supply Circuit/Open
POC0F	Generic	Drive Motor "B" Inverter Power Supply Circuit Low
POC10	Generic	Drive Motor "B" Inverter Power Supply Circuit High
POC11	Generic	Drive Motor "A" Inverter Phase U Over Temperature
POC12	Generic	Drive Motor "A" Inverter Phase V Over Temperature
POC13	Generic	Drive Motor "A" Inverter Phase W Over Temperature
POC14	Generic	Drive Motor "B" Inverter Phase U Over Temperature
POC15	Generic	Drive Motor "B" Inverter Phase V Over Temperature
POC16	Generic	Drive Motor "B" Inverter Phase W Over Temperature
POC17	Generic	Drive Motor "A" Position Sensor Not Learned
POC18	Generic	Drive Motor "B" Position Sensor Not Learned
POC19	Generic	Drive Motor "A" Torque Delivered Performance
POC1A	Generic	Drive Motor "B" Torque Delivered Performance
POC1B	Generic	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Too High
POC1C	Generic	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit
POC1D	Generic	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit Range/Performance
POC1E	Generic	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit Low
POC1F	Generic	Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit High
POC20	Generic	Auxiliary Transmission Fluid Pump Phase U-V-W Circuit/Open
POC21	Generic	Auxiliary Transmission Fluid Pump Phase U-V-W Circuit Low
POC22	Generic	Auxiliary Transmission Fluid Pump Phase U-V-W Circuit High
POC23	Generic	Auxiliary Transmission Fluid Pump Control Module Circuit/Open
POC24	Generic	Auxiliary Transmission Fluid Pump Control Module Circuit Low
POC25	Generic	Auxiliary Transmission Fluid Pump Control Module Circuit High
POC26	Generic	Auxiliary Transmission Fluid Pump Motor Current
POC27	Generic	Auxiliary Transmission Fluid Pump Motor Current Low
POC28	Generic	Auxiliary Transmission Fluid Pump Motor Current High
POC29	Generic	Auxiliary Transmission Fluid Pump Driver Circuit Performance
POC2A	Generic	Auxiliary Transmission Fluid Pump Motor Stalled
POC2B	Generic	Auxiliary Transmission Fluid Pump Control Module Feedback Signal
POC2C	Generic	Auxiliary Transmission Fluid Pump Control Module Feedback Signal Range/Performance
POC2D	Generic	Auxiliary Transmission Fluid Pump Control Module Feedback Signal Low
POC2E	Generic	Auxiliary Transmission Fluid Pump Control Module Feedback Signal High
POC2F	Generic	Internal Control Module Drive Motor/Generator - Engine Speed Sensor Performance
POC30	Generic	Hybrid Battery Pack State of Charge High

POC31	Generic	Inverter "B" Cooling System Performance
POC32	Generic	Hybrid Battery Cooling System Performance
POC33	Generic	Hybrid Battery Temperature Sensor "F" Circuit
POC34	Generic	Hybrid Battery Temperature Sensor "F" Circuit Range/Performance
POC35	Generic	Hybrid Battery Temperature Sensor "F" Circuit Low
POC36	Generic	Hybrid Battery Temperature Sensor "F" Circuit High
POC37	Generic	Hybrid Battery Temperature Sensor "F" Circuit Intermittent/Erratic
POC38	Generic	DC/DC Converter Temperature Sensor "A" Circuit
POC39	Generic	DC/DC Converter Temperature Sensor "A" Range/Performance
POC3A	Generic	DC/DC Converter Temperature Sensor "A" Low
POC3B	Generic	DC/DC Converter Temperature Sensor "A" High
POC3C	Generic	DC/DC Converter Temperature Sensor "A" Intermittent/Erratic
POC3D	Generic	DC/DC Converter Temperature Sensor "B" Circuit
POC3E	Generic	DC/DC Converter Temperature Sensor "B" Range/Performance
POC3F	Generic	DC/DC Converter Temperature Sensor "B" Low
POC40	Generic	DC to DC converter temperature sensor B - circuit high
POC41	Generic	DC/DC Converter Temperature Sensor "B" Intermittent/Erratic
POC42	Generic	Hybrid Battery Pack Coolant Temperature Sensor Circuit Malfunction
POC43	Generic	Hybrid Battery Pack Coolant Temperature Sensor Circuit Range/Performance
POC44	Generic	Hybrid Battery Pack Coolant Temperature Sensor Circuit Low
POC45	Generic	Hybrid Battery Pack Coolant Temperature Sensor Circuit High
POC46	Generic	Hybrid Battery Pack Coolant Temperature Sensor Circuit Intermittent/Erratic
POC47	Generic	Hybrid Battery Pack Coolant Pump Control Circuit/Open
POC48	Generic	Hybrid Battery Pack Coolant Pump Control Circuit Low
POC49	Generic	Hybrid Battery Pack Coolant Pump Control Circuit High
POC4A	Generic	Hybrid Battery Pack Coolant Pump Control Performance
POC4B	Generic	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit/Open
POC4C	Generic	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit Low
POC4D	Generic	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit High
POC4E	Generic	Drive Motor "A" Position Exceeded Learning Limit
POC4F	Generic	Drive Motor "B" Position Exceeded Learning Limit
POC50	Generic	Drive Motor "A" Position Sensor Circuit "A"
POC51	Generic	Drive Motor "A" Position Sensor Circuit "A" Range/Performance
POC52	Generic	Drive Motor "A" Position Sensor Circuit "A" Low
POC53	Generic	Drive Motor "A" Position Sensor Circuit "A" High
POC54	Generic	Drive Motor "A" Position Sensor Circuit "A" Intermittent/Erratic
POC55	Generic	Drive Motor "B" Position Sensor Circuit "A"
POC56	Generic	Drive Motor "B" Position Sensor Circuit "A" Range/Performance
POC57	Generic	Drive Motor "B" Position Sensor Circuit "A" Low
POC58	Generic	Drive Motor "B" Position Sensor Circuit "A" High
POC59	Generic	Drive Motor "B" Position Sensor Circuit "A" Intermittent/Erratic
POC5A	Generic	Drive Motor "A" Position Sensor Circuit "B"
POC5B	Generic	Drive Motor "A" Position Sensor Circuit "B" Range/Performance
POC5C	Generic	Drive Motor "A" Position Sensor Circuit "B" Low
POC5D	Generic	Drive Motor "A" Position Sensor Circuit "B" High
POC5E	Generic	Drive Motor "A" Position Sensor Circuit "B" Intermittent/Erratic
POC5F	Generic	Drive Motor "B" Position Sensor Circuit "B"
POC60	Generic	Drive Motor "B" Position Sensor Circuit "B" Range/Performance
POC61	Generic	Drive Motor "B" Position Sensor Circuit "B" Low
POC62	Generic	Drive Motor "B" Position Sensor Circuit "B" High
POC63	Generic	Drive Motor "B" Position Sensor Circuit "B" Intermittent/Erratic
POC64	Generic	Generator Position Sensor Circuit "A"
POC65	Generic	Generator Position Sensor Circuit "A" Range/Performance
POC66	Generic	Generator Position Sensor Circuit "A" Low
POC67	Generic	Generator Position Sensor Circuit "A" High
POC68	Generic	Generator Position Sensor Circuit "A" Intermittent/Erratic
POC69	Generic	Generator Position Sensor Circuit "B"
POC6A	Generic	Generator Position Sensor Circuit "B" Range/Performance
POC6B	Generic	Generator Position Sensor Circuit "B" Low
POC6C	Generic	Generator Position Sensor Circuit "B" High
POC6D	Generic	Generator Position Sensor Circuit "B" Intermittent/Erratic
POC6E	Generic	Hybrid Battery Temperature Sensor "A"/"B" Correlation
POC6F	Generic	Hybrid Battery Temperature Sensor "B"/"C" Correlation
POC70	Generic	Hybrid Battery Temperature Sensor "C"/"D" Correlation
POC71	Generic	Hybrid Battery Temperature Sensor "D"/"E" Correlation
POC72	Generic	Hybrid Battery Temperature Sensor "E"/"F" Correlation
POC73	Generic	Motor Electronics Coolant Pump "A" Control Performance
POC74	Generic	Motor Electronics Coolant Pump "B" Control Performance
POC75	Generic	Hybrid Battery System Discharge Time Too Short
POC76	Generic	Hybrid Battery System Discharge Time Too Long
POC77	Generic	Hybrid Battery System Precharge Time Too Short
POC78	Generic	Hybrid Battery System Precharge Time Too Long
POC79	Generic	Drive Motor "A" Inverter Voltage Too High
POC7A	Generic	Drive Motor "B" Inverter Voltage Too High
POC7B	Generic	Generator Inverter Voltage Too High
POC7C	Generic	Hybrid Battery Temperature Sensor "G" Circuit
POC7D	Generic	Hybrid Battery Temperature Sensor "G" Range/Performance
POC7E	Generic	Hybrid Battery Temperature Sensor "G" Circuit Low

POC7F	Generic	Hybrid Battery Temperature Sensor "G" Circuit High
POC80	Generic	Hybrid Battery Temperature Sensor "G" Circuit Intermittent/Erratic
POC81	Generic	Hybrid Battery Temperature Sensor "H" Circuit
POC82	Generic	Hybrid Battery Temperature Sensor "H" Range/Performance
POC83	Generic	Hybrid Battery Temperature Sensor "H" Circuit Low
POC84	Generic	Hybrid Battery Temperature Sensor "H" Circuit High
POC85	Generic	Hybrid Battery Temperature Sensor "H" Circuit Intermittent/Erratic
POC86	Generic	Hybrid Battery Temperature Sensor "F"/"G" Correlation
POC87	Generic	Hybrid Battery Temperature Sensor "G"/"H" Correlation
POC88	Generic	Hybrid battery temperature sensor I - circuit malfunction
POC89	Generic	Hybrid battery temperature sensor I - circuit range / performance
POC8A	Generic	Hybrid battery temperature sensor I - circuit low
POC8B	Generic	Hybrid battery temperature sensor I - circuit high
POC8C	Generic	Hybrid battery temperature sensor I - circuit intermittent/erratic
POC8D	Generic	Hybrid battery temperature sensor J - circuit malfunction
POC8E	Generic	Hybrid battery temperature sensor J - circuit range / performance
POC8F	Generic	Hybrid battery temperature sensor J - circuit low
POC90	Generic	Hybrid battery temperature sensor J - circuit high
POC91	Generic	Hybrid battery temperature sensor J - circuit intermittent/erratic
POC92	Generic	Hybrid battery temperature sensor K - circuit malfunction
POC93	Generic	Hybrid battery temperature sensor K - circuit range / performance
POC94	Generic	Hybrid battery temperature sensor K - circuit low
POC95	Generic	Hybrid battery temperature sensor K - circuit high
POC96	Generic	Hybrid battery temperature sensor K - circuit intermittent/erratic
POC97	Generic	Hybrid battery temperature sensor L - circuit malfunction
POC98	Generic	Hybrid battery temperature sensor L - circuit range / performance
POC99	Generic	Hybrid battery temperature sensor L - circuit low
POC9A	Generic	Hybrid battery temperature sensor L - circuit high
POC9B	Generic	Hybrid battery temperature sensor L - circuit intermittent/erratic
POC9C	Generic	14 volt power module current sensor B - circuit malfunction
POC9D	Generic	14 volt power module current sensor B - circuit range/performance
POC9E	Generic	14 volt power module current sensor B - circuit low
POC9F	Generic	14 volt power module current sensor B - circuit high
POCA0	Generic	14 volt power module current sensor B - circuit intermittent/erratic
POCA1	Generic	Drive motor control module - MIL activation requested
POCA2	Generic	DC to DC converter. step down voltage - performance problem
POCA3	Generic	DC to DC converter. step up voltage - performance problem
POCA4	Generic	Hybrid battery system - charging voltage too high
POCA5	Generic	Hybrid battery system - discharging voltage too high
POCA6	Generic	Hybrid battery system - charging current too high
POCA7	Generic	Hybrid battery system - discharging current too high
POCA8	Generic	Hybrid battery temperature sensor M - circuit malfunction
POCA9	Generic	Hybrid battery temperature sensor M - circuit range/performance
POCAA	Generic	Hybrid battery temperature sensor M - circuit low
POCAB	Generic	Hybrid battery temperature sensor M - circuit high
POCAC	Generic	Hybrid battery temperature sensor M - circuit intermittent/erratic
POCAD	Generic	Hybrid battery temperature sensor N - circuit malfunction
POCAE	Generic	Hybrid battery temperature sensor N - circuit range/performance
POCAF	Generic	Hybrid battery temperature sensor N - circuit low
POCB0	Generic	Hybrid battery temperature sensor N - circuit high
POCB1	Generic	Hybrid battery temperature sensor N - circuit intermittent/erratic
POCB2	Generic	Hybrid battery temperature sensor O - circuit malfunction
POCB3	Generic	Hybrid battery temperature sensor O - circuit range/performance
POCB4	Generic	Hybrid battery temperature sensor O - circuit low
POCB5	Generic	Hybrid battery temperature sensor O - circuit high
POCB6	Generic	Hybrid battery temperature sensor O - circuit intermittent/erratic
POCB7	Generic	Hybrid battery temperature sensor P - circuit malfunction
POCB8	Generic	Hybrid battery temperature sensor P - circuit range/performance
POCB9	Generic	Hybrid battery temperature sensor P - circuit low
POCBA	Generic	Hybrid battery temperature sensor P - circuit high
POCBB	Generic	Hybrid battery temperature sensor P - circuit intermittent/erratic
P2000	Generic	NOx Adsorber Efficiency Below Threshold Bank 1
P2001	Generic	NOx Adsorber Efficiency Below Threshold Bank 2
P2002	Generic	Diesel Particulate Filter Efficiency Below Threshold Bank 1
P2003	Generic	Diesel Particulate Filter Efficiency Below Threshold Bank 2
P2004	Generic	Intake Manifold Runner Control Stuck Open Bank 1
P2005	Generic	Intake Manifold Runner Control Stuck Open Bank 2
P2006	Generic	Intake Manifold Runner Control Stuck Closed Bank 1
P2007	Generic	Intake Manifold Runner Control Stuck Closed Bank 2
P2008	Generic	Intake Manifold Runner Control Circuit/Open Bank 1
P2009	Generic	Intake Manifold Runner Control Circuit Low Bank 1
P200A	Generic	Intake Manifold Runner Performance Bank 1
P200B	Generic	Intake Manifold Runner Performance Bank 2
P200C	Generic	Diesel Particulate Filter Over Temperature Bank 1
P200D	Generic	Diesel Particulate Filter Over Temperature Bank 2
P200E	Generic	Catalyst System Over Temperature Bank 1
P200F	Generic	Catalyst System Over Temperature Bank 2
P2010	Generic	Intake Manifold Runner Control Circuit High Bank 1

P2011	Generic	Intake Manifold Runner Control Circuit/Open Bank 2
P2012	Generic	Intake Manifold Runner Control Circuit Low Bank 2
P2013	Generic	Intake Manifold Runner Control Circuit High Bank 2
P2014	Generic	Intake Manifold Runner Position Sensor/Switch Circuit Bank 1
P2015	Generic	Intake Manifold Runner Position Sensor/Switch Circuit Range/Performance Bank 1
P2016	Generic	Intake Manifold Runner Position Sensor/Switch Circuit Low Bank 1
P2017	Generic	Intake Manifold Runner Position Sensor/Switch Circuit High Bank 1
P2018	Generic	Intake Manifold Runner Position Sensor/Switch Circuit Intermittent Bank 1
P2019	Generic	Intake Manifold Runner Position Sensor/Switch Circuit Bank 2
P201A	Generic	Reductant Injection Valve Circuit Range/Performance Bank 2 Unit 1
P201B	Generic	Intake manifold air control actuator. bank 1 supply voltage low
P201C	Generic	Intake manifold air control actuator. bank 2 supply voltage low
P201D	Generic	Intake manifold air control actuator. bank 1 internal malfunction
P201E	Generic	Intake manifold air control actuator. bank 2 internal malfunction
P2020	Generic	Intake Manifold Runner Position Sensor/Switch Circuit Range/Performance Bank 2
P2021	Generic	Intake Manifold Runner Position Sensor/Switch Circuit Low Bank 2
P2022	Generic	Intake Manifold Runner Position Sensor/Switch Circuit High Bank 2
P2023	Generic	Intake Manifold Runner Position Sensor/Switch Circuit Intermittent Bank 2
P2024	Generic	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit
P2025	Generic	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Performance
P2026	Generic	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Low Voltage
P2027	Generic	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit High Voltage
P2028	Generic	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Intermittent
P2029	Generic	Fuel Fired Heater Disabled
P202A	Generic	Reductant Tank Heater Control Circuit/Open
P202B	Generic	Reductant Tank Heater Control Circuit Low
P202C	Generic	Reductant Tank Heater Control Circuit High
P202D	Generic	Reductant Leakage
P202E	Generic	Reductant Injection Valve Circuit Range/Performance Bank 1 Unit 1
P202F	Generic	Reductant/Regeneration Supply Control Circuit Range/Performance
P2030	Generic	Fuel Fired Heater Performance
P2031	Generic	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 2
P2032	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 2
P2033	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 2
P2034	Generic	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 2
P2035	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 2
P2036	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 2
P2037	Generic	Reductant Injection Air Pressure Sensor "A" Circuit
P2038	Generic	Reductant Injection Air Pressure Sensor "A" Circuit Range/Performance
P2039	Generic	Reductant Injection Air Pressure Sensor "A" Circuit Low
P203A	Generic	Reductant Level Sensor Circuit
P203B	Generic	Reductant Level Sensor Circuit Range/Performance
P203C	Generic	Reductant Level Sensor Circuit Low
P203D	Generic	Reductant Level Sensor Circuit High
P203E	Generic	Reductant Level Sensor Circuit Intermittent/Erratic
P203F	Generic	Reductant Level Too Low
P2040	Generic	Reductant Injection Air Pressure Sensor "A" Circuit High
P2041	Generic	Reductant Injection Air Pressure Sensor "A" Circuit Intermittent
P2042	Generic	Reductant Temperature Sensor Circuit
P2043	Generic	Reductant Temperature Sensor Circuit Range/Performance
P2044	Generic	Reductant Temperature Sensor Circuit Low
P2045	Generic	Reductant Temperature Sensor Circuit High
P2046	Generic	Reductant Temperature Sensor Circuit Intermittent
P2047	Generic	Reductant Injection Valve Circuit/Open Bank 1 Unit 1
P2048	Generic	Reductant Injection Valve Circuit Low Bank 1 Unit 1
P2049	Generic	Reductant Injection Valve Circuit High Bank 1 Unit 1
P204A	Generic	Reductant Pressure Sensor Circuit
P204B	Generic	Reductant Pressure Sensor Circuit Range/Performance
P204C	Generic	Reductant Pressure Sensor Circuit Low
P204D	Generic	Reductant Pressure Sensor Circuit High
P204E	Generic	Reductant Pressure Sensor Circuit Intermittent/Erratic
P204F	Generic	Reductant System Performance Bank 1
P2050	Generic	Reductant Injection Valve Circuit/Open Bank 2 Unit 1
P2051	Generic	Reductant Injection Valve Circuit Low Bank 2 Unit 1
P2052	Generic	Reductant Injection Valve Circuit High Bank 2 Unit 1
P2053	Generic	Reductant Injection Valve Circuit/Open Bank 1 Unit 2
P2054	Generic	Reductant Injection Valve Circuit Low Bank 1 Unit 2
P2055	Generic	Reductant Injection Valve Circuit High Bank 1 Unit 2
P2056	Generic	Reductant Injection Valve Circuit/Open Bank 2 Unit 2
P2057	Generic	Reductant Injection Valve Circuit Low Bank 2 Unit 2
P2058	Generic	Reductant Injection Valve Circuit High Bank 2 Unit 2
P2059	Generic	Reductant Injection Air Pump Control Circuit/Open
P205A	Generic	Reductant Tank Temperature Sensor Circuit
P205B	Generic	Reductant Tank Temperature Sensor Circuit Range/Performance
P205C	Generic	Reductant Tank Temperature Sensor Circuit Low
P205D	Generic	Reductant Tank Temperature Sensor Circuit High
P205E	Generic	Reductant Tank Temperature Sensor Circuit Intermittent/Erratic
P205F	Generic	Reductant System Performance Bank 2

P2060	Generic	Reductant Injection Air Pump Control Circuit Low
P2061	Generic	Reductant Injection Air Pump Control Circuit High
P2062	Generic	Reductant/Regeneration Supply Control Circuit/Open
P2063	Generic	Reductant/Regeneration Supply Control Circuit Low
P2064	Generic	Reductant/Regeneration Supply Control Circuit High
P2065	Generic	Fuel Level Sensor "B" Circuit
P2066	Generic	Fuel Level Sensor "B" Performance
P2067	Generic	Fuel Level Sensor "B" Circuit Low
P2068	Generic	Fuel Level Sensor "B" Circuit High
P2069	Generic	Fuel Level Sensor "B" Circuit Intermittent
P206A	Generic	Reductant Quality Sensor Circuit
P206B	Generic	Reductant Quality Sensor Circuit Range/Performance
P206C	Generic	Reductant Quality Sensor Circuit Low
P206D	Generic	Reductant Quality Sensor Circuit High
P206E	Generic	Intake Manifold Tuning (IMT) Valve Stuck Open Bank 2
P206F	Generic	Intake Manifold Tuning (IMT) Valve Stuck Closed Bank 2
P2070	Generic	Intake Manifold Tuning (IMT) Valve Stuck Open Bank 1
P2071	Generic	Intake Manifold Tuning (IMT) Valve Stuck Closed Bank 1
P2072	Generic	Throttle Actuator Control System - Ice Blockage
P2073	Generic	Manifold Absolute Pressure/Mass Air Flow - Throttle Position Correlation at Idle
P2074	Generic	Manifold Absolute Pressure/Mass Air Flow - Throttle Position Correlation at Higher Load
P2075	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Bank 1
P2076	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Range/Performance Bank 1
P2077	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Low Bank 1
P2078	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit High Bank 1
P2079	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Intermittent Bank 1
P207A	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Bank 2
P207B	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Range/Performance Bank 2
P207C	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Low Bank 2
P207D	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit High Bank 2
P207E	Generic	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Intermittent Bank 2
P207F	Generic	Reductant Quality Performance
P2080	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 1
P2081	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent Bank 1 Sensor 1
P2082	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 1
P2083	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent Bank 2 Sensor 1
P2084	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 2
P2085	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent Bank 1 Sensor 2
P2086	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 2
P2087	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent Bank 2 Sensor 2
P2088	Generic	A Camshaft Position Actuator Control Circuit Low Bank 1
P2089	Generic	A Camshaft Position Actuator Control Circuit High Bank 1
P208A	Generic	Reductant Pump Control Circuit/Open
P208B	Generic	Reductant Pump Control Range/Performance
P208C	Generic	Reductant Pump Control Circuit Low
P208D	Generic	Reductant Pump Control Circuit High
P208E	Generic	Reductant Injection Valve Stuck Closed Bank 1 Unit 1
P208F	Generic	Reductant Injection Valve Stuck Closed Bank 2 Unit 1
P2090	Generic	B Camshaft Position Actuator Control Circuit Low Bank 1
P2091	Generic	B Camshaft Position Actuator Control Circuit High Bank 1
P2092	Generic	A Camshaft Position Actuator Control Circuit Low Bank 2
P2093	Generic	A Camshaft Position Actuator Control Circuit High Bank 2
P2094	Generic	B Camshaft Position Actuator Control Circuit Low Bank 2
P2095	Generic	B Camshaft Position Actuator Control Circuit High Bank 2
P2096	Generic	Post Catalyst Fuel Trim System Too Lean Bank 1
P2097	Generic	Post Catalyst Fuel Trim System Too Rich Bank 1
P2098	Generic	Post Catalyst Fuel Trim System Too Lean Bank 2
P2099	Generic	Post Catalyst Fuel Trim System Too Rich Bank 2
P209A	Generic	Reductant Injection Air Pressure Sensor "B" Circuit
P209B	Generic	Reductant Injection Air Pressure Sensor "B" Circuit Range/Performance
P209C	Generic	Reductant Injection Air Pressure Sensor "B" Circuit Low
P209D	Generic	Reductant Injection Air Pressure Sensor "B" Circuit High
P209E	Generic	Reductant Injection Air Pressure Sensor "A"/"B" Correlation
P209F	Generic	Reductant Tank Heater Control Circuit Performance
P20A0	Generic	Reductant Purge Control Valve Circuit /Open
P20A1	Generic	Reductant Purge Control Valve Performance
P20A2	Generic	Reductant Purge Control Valve Circuit Low
P20A3	Generic	Reductant Purge Control Valve Circuit High
P20A4	Generic	Reductant Purge Control Valve Stuck Open
P20A5	Generic	Reductant Purge Control Valve Stuck Closed
P20A6	Generic	Reductant Injection Air Pressure Control Valve Circuit/Open
P20A7	Generic	Reductant Injection Air Pressure Control Valve Performance
P20A8	Generic	Reductant Injection Air Pressure Control Valve Circuit Low
P20A9	Generic	Reductant Injection Air Pressure Control Valve Circuit High
P20AA	Generic	Reductant Injection Air Pressure Control Valve Stuck Open
P20AB	Generic	Reductant Injection Air Pressure Control Valve Stuck Closed
P20AC	Generic	Reductant Metering Unit Temperature Sensor Circuit
P20AD	Generic	Reductant Metering Unit Temperature Sensor Circuit Range/Performance

P20AE	Generic	Reductant Metering Unit Temperature Sensor Circuit Low
P20AF	Generic	Reductant Metering Unit Temperature Sensor Circuit High
P20B0	Generic	Reductant Metering Unit Temperature Sensor Circuit Intermittent/Erratic
P20B1	Generic	Reductant Heater Coolant Control Valve Circuit/Open
P20B2	Generic	Reductant Heater Coolant Control Valve Performance
P20B3	Generic	Reductant Heater Coolant Control Valve Circuit Low
P20B4	Generic	Reductant Heater Coolant Control Valve Circuit High
P20B5	Generic	Reductant Metering Unit Heater Control Circuit/Open
P20B6	Generic	Reductant Metering Unit Heater Control Circuit Performance
P20B7	Generic	Reductant Metering Unit Heater Control Circuit Low
P20B8	Generic	Reductant Metering Unit Heater Control Circuit High
P20B9	Generic	Reductant Heater "A" Control Circuit/Open
P20BA	Generic	Reductant Heater "A" Control Circuit Performance
P20BB	Generic	Reductant Heater "A" Control Circuit Low
P20BC	Generic	Reductant Heater "A" Control Circuit High
P20BD	Generic	Reductant Heater "B" Control Circuit/Open
P20BE	Generic	Reductant Heater "B" Control Circuit Performance
P20BF	Generic	Reductant Heater "B" Control Circuit Low
P20C0	Generic	Reductant Heater "B" Control Circuit High
P20C1	Generic	Reductant Heater "C" Control Circuit/Open
P20C2	Generic	Reductant Heater "C" Control Circuit Performance
P20C3	Generic	Reductant Heater "C" Control Circuit Low
P20C4	Generic	Reductant Heater "C" Control Circuit High
P20C5	Generic	Reductant Heater "D" Control Circuit/Open
P20C6	Generic	Reductant Heater "D" Control Circuit Performance
P20C7	Generic	Reductant Heater "D" Control Circuit Low
P20C8	Generic	Reductant Heater "D" Control Circuit High
P20C9	Generic	Reductant Control Module Requested MIL Illumination
P20CA	Generic	Reductant Injection Air Pressure Leakage
P20CB	Generic	Exhaust Aftertreatment Fuel Injector "A" Control Circuit/Open
P20CC	Generic	Exhaust Aftertreatment Fuel Injector "A" Control Performance
P20CD	Generic	Exhaust Aftertreatment Fuel Injector "A" Control Circuit Low
P20CE	Generic	Exhaust Aftertreatment Fuel Injector "A" Control Circuit High
P20CF	Generic	Exhaust Aftertreatment Fuel Injector "A" Stuck Open
P20D0	Generic	Exhaust Aftertreatment Fuel Injector "A" Stuck Closed
P20D1	Generic	Exhaust Aftertreatment Fuel Injector "B" Control Circuit/Open
P20D2	Generic	Exhaust Aftertreatment Fuel Injector "B" Control Performance
P20D3	Generic	Exhaust Aftertreatment Fuel Injector "B" Control Circuit Low
P20D4	Generic	Exhaust Aftertreatment Fuel Injector "B" Control Circuit High
P20D5	Generic	Exhaust Aftertreatment Fuel Injector "B" Stuck Open
P20D6	Generic	Exhaust Aftertreatment Fuel Injector "B" Stuck Closed
P20D7	Generic	Exhaust Aftertreatment Fuel Supply Control Circuit/Open
P20D8	Generic	Exhaust Aftertreatment Fuel Supply Control Performance
P20D9	Generic	Exhaust Aftertreatment Fuel Supply Control Circuit Low
P20DA	Generic	Exhaust Aftertreatment Fuel Supply Control Circuit High
P20DB	Generic	Exhaust Aftertreatment Fuel Supply Control Stuck Open
P20DC	Generic	Exhaust Aftertreatment Fuel Supply Control Stuck Closed
P20DD	Generic	Exhaust Aftertreatment Fuel Pressure Sensor Circuit
P20DE	Generic	Exhaust Aftertreatment Fuel Pressure Sensor Circuit Range/Performance
P20DF	Generic	Exhaust Aftertreatment Fuel Pressure Sensor Circuit Low
P20E0	Generic	Exhaust Aftertreatment Fuel Pressure Sensor Circuit High
P20E1	Generic	Exhaust Aftertreatment Fuel Pressure Sensor Circuit Intermittent/Erratic
P20E2	Generic	Exhaust Gas Temperature Sensor 1/2 Correlation Bank 1
P20E3	Generic	Exhaust Gas Temperature Sensor 1/3 Correlation Bank 1
P20E4	Generic	Exhaust Gas Temperature Sensor 2/3 Correlation Bank 1
P20E5	Generic	Exhaust Gas Temperature Sensor 1/2 Correlation Bank 2
P20E6	Generic	Reductant Injection Air Pressure Too Low
P20E7	Generic	Reductant Injection Air Pressure Too High
P20E8	Generic	Reductant Pressure Too Low
P20E9	Generic	Reductant Pressure Too High
P20EA	Generic	Reductant Control Module Power Relay De-Energized Performance - Too Early
P20EB	Generic	Reductant Control Module Power Relay De-Energized Performance - Too Late
P20EC	Generic	SCR NOx Catalyst - Over Temperature Bank 1
P20ED	Generic	SCR NOx Pre-Catalyst - Over Temperature Bank 1
P20EE	Generic	SCR NOx Catalyst Efficiency Below Threshold Bank 1
P20EF	Generic	SCR NOx Pre- Catalyst Efficiency Below Threshold Bank 1
P20F0	Generic	SCR NOx Catalyst - Over Temperature Bank 2
P20F1	Generic	SCR NOx Pre-Catalyst - Over Temperature Bank 2
P20F2	Generic	SCR NOx Catalyst Efficiency Below Threshold Bank 2
P20F3	Generic	SCR NOx Pre- Catalyst Efficiency Below Threshold Bank 2
P20F4	Generic	Reductant Consumption Too Low
P20F5	Generic	Reductant Consumption Too High
P20F6	Generic	Reductant Injection Valve Stuck Open Bank 1 Unit 1
P20F7	Generic	Reductant Injection Valve Stuck Open Bank 2 Unit 1
P20F8	Generic	Intake manifold air control actuator. bank 1 circuit performance
P20F9	Generic	Intake manifold air control actuator. bank 2 circuit performance
P20FA	Generic	Reductant pump B - open circuit
P20FB	Generic	Reductant pump B - range/performance problem

P20FC	Generic	Reductant pump B - control circuit low
P20FD	Generic	Reductant pump B - control circuit high
P2100	Generic	Throttle Actuator "A" Control Motor Circuit/Open
P2101	Generic	Throttle Actuator "A" Control Motor Circuit Range/Performance
P2102	Generic	Throttle Actuator "A" Control Motor Circuit Low
P2103	Generic	Throttle Actuator "A" Control Motor Circuit High
P2104	Generic	Throttle Actuator Control System - Forced Idle
P2105	Generic	Throttle Actuator Control System - Forced Engine Shutdown
P2106	Generic	Throttle Actuator Control System - Forced Limited Power
P2107	Generic	Throttle Actuator Control Module Processor
P2108	Generic	Throttle Actuator Control Module Performance
P2109	Generic	Throttle/Pedal Position Sensor "A" Minimum Stop Performance
P210A	Generic	Throttle Actuator "B" Control Motor Circuit/Open
P210B	Generic	Throttle Actuator "B" Control Motor Circuit Range/Performance
P210C	Generic	Throttle Actuator "B" Control Motor Circuit Low
P210D	Generic	Throttle Actuator "B" Control Motor Circuit High
P210E	Generic	Throttle/Pedal Position Sensor/Switch "C"/"F" Voltage Correlation
P210F	Generic	Electronic throttle system (ETS) - forced limited rpm mode
P2110	Generic	Throttle Actuator Control System - Forced Limited RPM
P2111	Generic	Throttle Actuator Control System - Stuck Open
P2112	Generic	Throttle Actuator Control System - Stuck Closed
P2113	Generic	Throttle/Pedal Position Sensor "C" Minimum Stop Performance
P2114	Generic	Throttle/Pedal Position Sensor "C" Minimum Stop Performance
P2115	Generic	Throttle/Pedal Position Sensor "D" Minimum Stop Performance
P2116	Generic	Throttle/Pedal Position Sensor "E" Minimum Stop Performance
P2117	Generic	Throttle/Pedal Position Sensor "F" Minimum Stop Performance
P2118	Generic	Throttle Actuator Control Motor Current Range/Performance
P2119	Generic	Throttle Actuator Control Throttle Body Range/Performance
P211A	Generic	Electronic throttle system (ETS) B - actuator stuck open
P211B	Generic	Electronic throttle system (ETS) B - actuator stuck closed
P211C	Generic	Electronic throttle system (ETS) B. throttle motor current - range/performance problem
P211D	Generic	Electronic throttle system (ETS) B. throttle body - range/performance problem
P211E	Generic	Electronic throttle system (ETS) B - processor fault
P211F	Generic	Electronic throttle system (ETS) B - performance problem
P2120	Generic	Throttle/Pedal Position Sensor/Switch "D" Circuit
P2121	Generic	Throttle/Pedal Position Sensor/Switch "D" Circuit Range/Performance
P2122	Generic	Throttle/Pedal Position Sensor/Switch "D" Circuit Low
P2123	Generic	Throttle/Pedal Position Sensor/Switch "D" Circuit High
P2124	Generic	Throttle/Pedal Position Sensor/Switch "D" Circuit Intermittent
P2125	Generic	Throttle/Pedal Position Sensor/Switch "E" Circuit
P2126	Generic	Throttle/Pedal Position Sensor/Switch "E" Circuit Range/Performance
P2127	Generic	Throttle/Pedal Position Sensor/Switch "E" Circuit Low
P2128	Generic	Throttle/Pedal Position Sensor/Switch "E" Circuit High
P2129	Generic	Throttle/Pedal Position Sensor/Switch "E" Circuit Intermittent
P212A	Generic	Throttle Position Sensor/Switch "G" Circuit
P212B	Generic	Throttle Position Sensor/Switch "G" Circuit Range/Performance
P212C	Generic	Throttle Position Sensor/Switch "G" Circuit Low
P212D	Generic	Throttle Position Sensor/Switch "G" Circuit High
P212E	Generic	Throttle Position Sensor/Switch "G" Circuit Intermittent
P212F	Generic	Throttle position (TP) sensor/switch F/G - voltage correlation
P2130	Generic	Throttle/Pedal Position Sensor/Switch "F" Circuit
P2131	Generic	Throttle/Pedal Position Sensor/Switch "F" Circuit Range/Performance
P2132	Generic	Throttle/Pedal Position Sensor/Switch "F" Circuit Low
P2133	Generic	Throttle/Pedal Position Sensor/Switch "F" Circuit High
P2134	Generic	Throttle/Pedal Position Sensor/Switch "F" Circuit Intermittent
P2135	Generic	Throttle/Pedal Position Sensor/Switch "A"/"B" Voltage Correlation
P2136	Generic	Throttle/Pedal Position Sensor/Switch "A"/"C" Voltage Correlation
P2137	Generic	Throttle/Pedal Position Sensor/Switch "B"/"C" Voltage Correlation
P2138	Generic	Throttle/Pedal Position Sensor/Switch "D"/"E" Voltage Correlation
P2139	Generic	Throttle/Pedal Position Sensor/Switch "D"/"F" Voltage Correlation
P213A	Generic	Exhaust Gas Recirculation Throttle Control Circuit "B" /Open
P213B	Generic	Exhaust Gas Recirculation Throttle Control Circuit "B" Range/Performance
P213C	Generic	Exhaust Gas Recirculation Throttle Control Circuit "B" Low
P213D	Generic	Exhaust Gas Recirculation Throttle Control Circuit "B" High
P213E	Generic	Fuel Injection System Fault - Forced Engine Shutdown
P213F	Generic	Fuel Pump System Fault - Forced Engine Shutdown
P2140	Generic	Throttle/Pedal Position Sensor/Switch "E"/"F" Voltage Correlation
P2141	Generic	Exhaust Gas Recirculation Throttle Control Circuit "A" Low
P2142	Generic	Exhaust Gas Recirculation Throttle Control Circuit "A" High
P2143	Generic	Exhaust Gas Recirculation Vent Control Circuit/Open
P2144	Generic	Exhaust Gas Recirculation Vent Control Circuit Low
P2145	Generic	Exhaust Gas Recirculation Vent Control Circuit High
P2146	Generic	Fuel Injector Group "A" Supply Voltage Circuit/Open
P2147	Generic	Fuel Injector Group "A" Supply Voltage Circuit Low
P2148	Generic	Fuel Injector Group "A" Supply Voltage Circuit High
P2149	Generic	Fuel Injector Group "B" Supply Voltage Circuit/Open
P2150	Generic	Fuel Injector Group "B" Supply Voltage Circuit Low
P2151	Generic	Fuel Injector Group "B" Supply Voltage Circuit High

P2152	Generic	Fuel Injector Group "C" Supply Voltage Circuit/Open
P2153	Generic	Fuel Injector Group "C" Supply Voltage Circuit Low
P2154	Generic	Fuel Injector Group "C" Supply Voltage Circuit High
P2155	Generic	Fuel Injector Group "D" Supply Voltage Circuit/Open
P2156	Generic	Fuel Injector Group "D" Supply Voltage Circuit Low
P2157	Generic	Fuel Injector Group "D" Supply Voltage Circuit High
P2158	Generic	Vehicle Speed Sensor "B"
P2159	Generic	Vehicle Speed Sensor "B" Range/Performance
P215A	Generic	Vehicle Speed - Wheel Speed Correlation
P215B	Generic	Vehicle Speed - Output Shaft Speed Correlation
P215C	Generic	Output Shaft Speed - Wheel Speed Correlation
P2160	Generic	Vehicle Speed Sensor "B" Circuit Low
P2161	Generic	Vehicle Speed Sensor "B" Intermittent/Erratic/High
P2162	Generic	Vehicle Speed Sensor "A"/"B" Correlation
P2163	Generic	Throttle/Pedal Position Sensor "A" Maximum Stop Performance
P2164	Generic	Throttle/Pedal Position Sensor "B" Maximum Stop Performance
P2165	Generic	Throttle/Pedal Position Sensor "C" Maximum Stop Performance
P2166	Generic	Throttle/Pedal Position Sensor "D" Maximum Stop Performance
P2167	Generic	Throttle/Pedal Position Sensor "E" Maximum Stop Performance
P2168	Generic	Throttle/Pedal Position Sensor "F" Maximum Stop Performance
P2169	Generic	Exhaust Pressure Regulator Vent Solenoid Control Circuit/Open
P216A	Generic	Fuel Injector Group "E" Supply Voltage Circuit/Open
P216B	Generic	Fuel Injector Group "E" Supply Voltage Circuit Low
P216C	Generic	Fuel Injector Group "E" Supply Voltage Circuit High
P216D	Generic	Fuel Injector Group "F" Supply Voltage Circuit/Open
P216E	Generic	Fuel Injector Group "F" Supply Voltage Circuit Low
P216F	Generic	Fuel Injector Group "F" Supply Voltage Circuit High
P2170	Generic	Exhaust Pressure Regulator Vent Solenoid Control Circuit Low
P2171	Generic	Exhaust Pressure Regulator Vent Solenoid Control Circuit High
P2172	Generic	Throttle Actuator Control System - Sudden High Air Flow Detected
P2173	Generic	Throttle Actuator Control System - High Air Flow Detected
P2174	Generic	Throttle Actuator Control System - Sudden Low Air Flow Detected
P2175	Generic	Throttle Actuator Control System - Low Air Flow Detected
P2176	Generic	Throttle Actuator Control System - Idle Position Not Learned
P2177	Generic	System Too Lean Off Idle Bank 1
P2178	Generic	System Too Rich Off Idle Bank 1
P2179	Generic	System Too Lean Off Idle Bank 2
P217A	Generic	Fuel Injector Group "G" Supply Voltage Circuit/Open
P217B	Generic	Fuel Injector Group "G" Supply Voltage Circuit Low
P217C	Generic	Fuel Injector Group "G" Supply Voltage Circuit High
P217D	Generic	Fuel Injector Group "H" Supply Voltage Circuit/Open
P217E	Generic	Fuel Injector Group "H" Supply Voltage Circuit Low
P217F	Generic	Fuel Injector Group "H" Supply Voltage Circuit High
P2180	Generic	System Too Rich Off Idle Bank 2
P2181	Generic	Cooling System Performance
P2182	Generic	Engine Coolant Temperature Sensor 2 Circuit
P2183	Generic	Engine Coolant Temperature Sensor 2 Circuit Range/Performance
P2184	Generic	Engine Coolant Temperature Sensor 2 Circuit Low
P2185	Generic	Engine Coolant Temperature Sensor 2 Circuit High
P2186	Generic	Engine Coolant Temperature Sensor 2 Circuit Intermittent/Erratic
P2187	Generic	System Too Lean at Idle Bank 1
P2188	Generic	System Too Rich at Idle Bank 1
P2189	Generic	System Too Lean at Idle Bank 2
P218A	Generic	Electronic throttle system (ETS) B - idle position not learned
P218B	Generic	Throttle/fuel inhibit B - circuit malfunction
P218C	Generic	Throttle/fuel inhibit B - circuit range/performance
P218D	Generic	Throttle/fuel inhibit B - circuit low
P218E	Generic	Throttle/fuel inhibit B - circuit high
P2190	Generic	System Too Rich at Idle Bank 2
P2191	Generic	System Too Lean at Higher Load Bank 1
P2192	Generic	System Too Rich at Higher Load Bank 1
P2193	Generic	System Too Lean at Higher Load Bank 2
P2194	Generic	System Too Rich at Higher Load Bank 2
P2195	Generic	O2 Sensor Signal Biased/Stuck Lean Bank 1 Sensor 1
P2196	Generic	O2 Sensor Signal Biased/Stuck Rich Bank 1 Sensor 1
P2197	Generic	O2 Sensor Signal Biased/Stuck Lean Bank 2 Sensor 1
P2198	Generic	O2 Sensor Signal Biased/Stuck Rich Bank 2 Sensor 1
P2199	Generic	Intake Air Temperature Sensor 1/2 Correlation
P219A	Generic	Mixture control. bank 1 - value out of range
P219B	Generic	Mixture control. bank 2 - value out of range
P219C	Generic	Mixture control. cylinder 1 - value out of range
P219D	Generic	Mixture control. cylinder 2 - value out of range
P219E	Generic	Mixture control. cylinder 3 - value out of range
P219F	Generic	Mixture control. cylinder 4 - value out of range
P21A0	Generic	Mixture control. cylinder 5 - value out of range
P21A1	Generic	Mixture control. cylinder 6 - value out of range
P21A2	Generic	Mixture control. cylinder 7 - value out of range
P21A3	Generic	Mixture control. cylinder 8 - value out of range

P21A4	Generic	Mixture control. cylinder 9 - value out of range
P21A5	Generic	Mixture control. cylinder 10 - value out of range
P21A6	Generic	Mixture control. cylinder 11 - value out of range
P21A7	Generic	Mixture control. cylinder 12 - value out of range
P2200	Generic	NOx Sensor Circuit Bank 1
P2201	Generic	NOx Sensor Circuit Range/Performance Bank 1
P2202	Generic	NOx Sensor Circuit Low Bank 1
P2203	Generic	NOx Sensor Circuit High Bank 1
P2204	Generic	NOx Sensor Circuit Intermittent Bank 1
P2205	Generic	NOx Sensor Heater Control Circuit/Open Bank 1
P2206	Generic	NOx Sensor Heater Control Circuit Low Bank 1
P2207	Generic	NOx Sensor Heater Control Circuit High Bank 1
P2208	Generic	NOx Sensor Heater Sense Circuit Bank 1
P2209	Generic	NOx Sensor Heater Sense Circuit Range/Performance Bank 1
P220A	Generic	Nitrogen oxides NOx sensor 1. bank 1 - supply voltage circuit malfunction
P220B	Generic	Nitrogen oxides NOx sensor 2. bank 1 - supply voltage circuit malfunction
P220C	Generic	Nitrogen oxides NOx sensor 1. bank 2 - supply voltage circuit malfunction
P220D	Generic	Nitrogen oxides NOx sensor 2. bank 2 - supply voltage circuit malfunction
P2210	Generic	NOx Sensor Heater Sense Circuit Low Bank 1
P2211	Generic	NOx Sensor Heater Sense Circuit High Bank 1
P2212	Generic	NOx Sensor Heater Sense Circuit Intermittent Bank 1
P2213	Generic	NOx Sensor Circuit Bank 2
P2214	Generic	NOx Sensor Circuit Range/Performance Bank 2
P2215	Generic	NOx Sensor Circuit Low Bank 2
P2216	Generic	NOx Sensor Circuit High Bank 2
P2217	Generic	NOx Sensor Circuit Intermittent Bank 2
P2218	Generic	NOx Sensor Heater Control Circuit/Open Bank 2
P2219	Generic	NOx Sensor Heater Control Circuit Low Bank 2
P2220	Generic	NOx Sensor Heater Control Circuit High Bank 2
P2221	Generic	NOx Sensor Heater Sense Circuit Bank 2
P2222	Generic	NOx Sensor Heater Sense Circuit Range/Performance Bank 2
P2223	Generic	NOx Sensor Heater Sense Circuit Low Bank 2
P2224	Generic	NOx Sensor Heater Sense Circuit High Bank 2
P2225	Generic	NOx Sensor Heater Sense Circuit Intermittent Bank 2
P2226	Generic	Barometric Pressure Sensor "A" Circuit
P2227	Generic	Barometric Pressure Sensor "A" Circuit Range/Performance
P2228	Generic	Barometric Pressure Sensor "A" Circuit Low
P2229	Generic	Barometric Pressure Sensor "A" Circuit High
P222A	Generic	Barometric Pressure Sensor "B" Circuit
P222B	Generic	Barometric Pressure Sensor "B" Circuit Range/Performance
P222C	Generic	Barometric Pressure Sensor "B" Circuit Low
P222D	Generic	Barometric Pressure Sensor "B" Circuit High
P222E	Generic	Barometric Pressure Sensor "B" Circuit Intermittent/Erratic
P222F	Generic	Barometric Pressure Sensor "A"/"B" Correlation
P2230	Generic	Barometric Pressure Sensor "A" Circuit Intermittent/Erratic
P2231	Generic	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 1 Sensor 1
P2232	Generic	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 1 Sensor 2
P2233	Generic	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 1 Sensor 3
P2234	Generic	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 2 Sensor 1
P2235	Generic	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 2 Sensor 2
P2236	Generic	O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 2 Sensor 3
P2237	Generic	O2 Sensor Positive Current Control Circuit/Open Bank 1 Sensor 1
P2238	Generic	O2 Sensor Positive Current Control Circuit Low Bank 1 Sensor 1
P2239	Generic	O2 Sensor Positive Current Control Circuit High Bank 1 Sensor 1
P2240	Generic	O2 Sensor Positive Current Control Circuit/Open Bank 2 Sensor 1
P2241	Generic	O2 Sensor Positive Current Control Circuit Low Bank 2 Sensor 1
P2242	Generic	O2 Sensor Positive Current Control Circuit High Bank 2 Sensor 1
P2243	Generic	O2 Sensor Reference Voltage Circuit/Open Bank 1 Sensor 1
P2244	Generic	O2 Sensor Reference Voltage Performance Bank 1 Sensor 1
P2245	Generic	O2 Sensor Reference Voltage Circuit Low Bank 1 Sensor 1
P2246	Generic	O2 Sensor Reference Voltage Circuit High Bank 1 Sensor 1
P2247	Generic	O2 Sensor Reference Voltage Circuit/Open Bank 2 Sensor 1
P2248	Generic	O2 Sensor Reference Voltage Performance Bank 2 Sensor 1
P2249	Generic	O2 Sensor Reference Voltage Circuit Low Bank 2 Sensor 1
P2250	Generic	O2 Sensor Reference Voltage Circuit High Bank 2 Sensor 1
P2251	Generic	O2 Sensor Negative Current Control Circuit/Open Bank 1 Sensor 1
P2252	Generic	O2 Sensor Negative Current Control Circuit Low Bank 1 Sensor 1
P2253	Generic	O2 Sensor Negative Current Control Circuit High Bank 1 Sensor 1
P2254	Generic	O2 Sensor Negative Current Control Circuit/Open Bank 2 Sensor 1
P2255	Generic	O2 Sensor Negative Current Control Circuit Low Bank 2 Sensor 1
P2256	Generic	O2 Sensor Negative Current Control Circuit High Bank 2 Sensor 1
P2257	Generic	Secondary Air Injection System Control "A" Circuit Low
P2258	Generic	Secondary Air Injection System Control "A" Circuit High
P2259	Generic	Secondary Air Injection System Control "B" Circuit Low
P2260	Generic	Secondary Air Injection System Control "B" Circuit High
P2261	Generic	Turbocharger/Supercharger Bypass Valve - Mechanical
P2262	Generic	Turbocharger/Supercharger Boost Pressure Not Detected - Mechanical
P2263	Generic	Turbocharger/Supercharger Boost System Performance

P2264	Generic	Water in Fuel Sensor Circuit
P2265	Generic	Water in Fuel Sensor Circuit Range/Performance
P2266	Generic	Water in Fuel Sensor Circuit Low
P2267	Generic	Water in Fuel Sensor Circuit High
P2268	Generic	Water in Fuel Sensor Circuit Intermittent
P2269	Generic	Water in Fuel Condition
P226A	Generic	Water in Fuel Lamp Control Circuit
P226B	Generic	Turbocharger/Supercharger Boost Pressure Too High - Mechanical
P226C	Generic	Turbocharger (TC) boost pressure control A - slow response
P226F	Generic	Turbocharger (TC) boost pressure control B - slow response
P2270	Generic	O2 Sensor Signal Biased/Stuck Lean Bank 1 Sensor 2
P2271	Generic	O2 Sensor Signal Biased/Stuck Rich Bank 1 Sensor 2
P2272	Generic	O2 Sensor Signal Biased/Stuck Lean Bank 2 Sensor 2
P2273	Generic	O2 Sensor Signal Biased/Stuck Rich Bank 2 Sensor 2
P2274	Generic	O2 Sensor Signal Biased/Stuck Lean Bank 1 Sensor 3
P2275	Generic	O2 Sensor Signal Biased/Stuck Rich Bank 1 Sensor 3
P2276	Generic	O2 Sensor Signal Biased/Stuck Lean Bank 2 Sensor 3
P2277	Generic	O2 Sensor Signal Biased/Stuck Rich Bank 2 Sensor 3
P2278	Generic	O2 Sensor Signals Swapped Bank 1 Sensor 3/Bank 2 Sensor 3
P2279	Generic	Intake Air System Leak
P2280	Generic	Air Flow Restriction/Air Leak Between Air Filter and MAF
P2281	Generic	Air Leak Between MAF and Throttle Body
P2282	Generic	Air Leak Between Throttle Body and Intake Valves
P2283	Generic	Injector Control Pressure Sensor Circuit
P2284	Generic	Injector Control Pressure Sensor Circuit Range/Performance
P2285	Generic	Injector Control Pressure Sensor Circuit Low
P2286	Generic	Injector Control Pressure Sensor Circuit High
P2287	Generic	Injector Control Pressure Sensor Circuit Intermittent
P2288	Generic	Injector Control Pressure Too High
P2289	Generic	Injector Control Pressure Too High - Engine Off
P228A	Generic	Fuel Pressure Regulator 1 - Forced Engine Shutdown
P228B	Generic	Fuel Pressure Regulator 2 - Forced Engine Shutdown
P228C	Generic	Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too Low
P228D	Generic	Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too High
P228E	Generic	Fuel Pressure Regulator 1 Exceeded Learning Limits - Too Low
P228F	Generic	Fuel Pressure Regulator 1 Exceeded Learning Limits - Too High
P2290	Generic	Injector Control Pressure Too Low
P2291	Generic	Injector Control Pressure Too Low - Engine Cranking
P2292	Generic	Injector Control Pressure Erratic
P2293	Generic	Fuel Pressure Regulator 2 Performance
P2294	Generic	Fuel Pressure Regulator 2 Control Circuit/Open
P2295	Generic	Fuel Pressure Regulator 2 Control Circuit Low
P2296	Generic	Fuel Pressure Regulator 2 Control Circuit High
P2297	Generic	O2 Sensor Out of Range During Deceleration Bank 1 Sensor 1
P2298	Generic	O2 Sensor Out of Range During Deceleration Bank 2 Sensor 1
P2299	Generic	Brake Pedal Position/Accelerator Pedal Position Incompatible
P229A	Generic	Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too Low
P229B	Generic	Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too High
P229C	Generic	Fuel Pressure Regulator 2 Exceeded Learning Limits - Too Low
P229D	Generic	Fuel Pressure Regulator 2 Exceeded Learning Limits - Too High
P229E	Generic	Nitrogen oxides (NOx) sensor 2. bank 1 - circuit malfunction
P229F	Generic	Nitrogen oxides (NOx) sensor 2. bank 1 - circuit range/performance
P22A0	Generic	Nitrogen oxides (NOx) sensor 2. bank 1 - circuit low
P22A1	Generic	Nitrogen oxides (NOx) sensor 2. bank 1 - circuit high
P22A2	Generic	Nitrogen oxides (NOx) sensor 2. bank 1 - circuit intermittent/erratic
P22A3	Generic	Nitrogen oxides (NOx) sensor 2. bank 1. heater control - open circuit
P22A4	Generic	Nitrogen oxides (NOx) sensor 2. bank 1. heater control - circuit low
P22A5	Generic	Nitrogen oxides (NOx) sensor 2. bank 1. heater control - circuit high
P22A6	Generic	Nitrogen oxides NOx sensor 2. bank 1. heater sense circuit - malfunction
P22A7	Generic	Nitrogen oxides NOx sensor 2. bank 1. heater sense circuit - range/performance problem
P22A8	Generic	Nitrogen oxides NOx sensor 2. bank 1. heater sense circuit - circuit low
P22A9	Generic	Nitrogen oxides NOx sensor 2. bank 1. heater sense circuit - circuit high
P22AA	Generic	Nitrogen oxides NOx sensor 2. bank 1. heater sense circuit - circuit intermittent
P22AB	Generic	Heated oxygen sensor (HO2S) 2. bank 1. positive current control - open circuit
P22AC	Generic	Heated oxygen sensor (HO2S) 2. bank 1. positive current control - circuit low
P22AD	Generic	Heated oxygen sensor (HO2S) 2. bank 1. positive current control - circuit high
P22AE	Generic	Heated oxygen sensor (HO2S) 2. bank 1. reference voltage - open circuit
P22AF	Generic	Heated oxygen sensor (HO2S) 2. bank 1. reference voltage - performance problem
P22B0	Generic	Heated oxygen sensor (HO2S) 2. bank 1. reference voltage - circuit low
P22B1	Generic	Heated oxygen sensor (HO2S) 2. bank 1. reference voltage - circuit high
P22B2	Generic	Heated oxygen sensor (HO2S) 2. bank 1. negative current control - open circuit
P22B3	Generic	Heated oxygen sensor (HO2S) 2. bank 1. negative current control - circuit low
P22B4	Generic	Heated oxygen sensor (HO2S) 2. bank 1. negative current control - circuit high
P22B5	Generic	Heated oxygen sensor (HO2S) 2. bank 1. pumping current trim - open circuit
P22B6	Generic	Heated oxygen sensor (HO2S) 2. bank 1. pumping current trim - circuit low
P22B7	Generic	Heated oxygen sensor (HO2S) 2. bank 1. pumping current trim - circuit high
P22B8	Generic	Heated oxygen sensor (HO2S) 2. bank 2. positive current control - open circuit
P22B9	Generic	Heated oxygen sensor (HO2S) 2. bank 2. positive current control - circuit low

P22BA	Generic	Heated oxygen sensor (HO2S) 2. bank 2. positive current control - circuit high
P22BB	Generic	Heated oxygen sensor (HO2S) 2. bank 2. reference voltage - open circuit
P22BC	Generic	Heated oxygen sensor (HO2S) 2. bank 2. reference voltage - performance problem
P22BD	Generic	Heated oxygen sensor (HO2S) 2. bank 2. reference voltage - circuit low
P22BE	Generic	Heated oxygen sensor (HO2S) 2. bank 2. reference voltage - circuit high
P22BF	Generic	Heated oxygen sensor (HO2S) 2. bank 2. negative current control - open circuit
P22C0	Generic	Heated oxygen sensor (HO2S) 2. bank 2. negative current control - circuit low
P22C1	Generic	Heated oxygen sensor (HO2S) 2. bank 2. negative current control - circuit high
P22C2	Generic	Heated oxygen sensor (HO2S) 2. bank 2. pumping current trim - open circuit
P22C3	Generic	Heated oxygen sensor (HO2S) 2. bank 2. pumping current trim - circuit low
P22C4	Generic	Heated oxygen sensor (HO2S) 2. bank 2. pumping current trim - circuit high
P22C5	Generic	Turbocharger (TC) outlet valve - control circuit open
P22C6	Generic	Turbocharger (TC) outlet valve - control circuit low
P22C7	Generic	Turbocharger (TC) outlet valve - control circuit high
P22C8	Generic	Turbocharger (TC) outlet valve - valve stuck open
P22C9	Generic	Turbocharger (TC) outlet valve - valve stuck closed
P22CA	Generic	Turbocharger (TC) outlet switching valve - control circuit open
P22CB	Generic	Turbocharger (TC) outlet switching valve - control circuit low
P22CC	Generic	Turbocharger (TC) outlet switching valve - control circuit high
P22CD	Generic	Turbocharger (TC) outlet switching valve - valve stuck open
P22CE	Generic	Turbocharger (TC) outlet switching valve - valve stuck closed
P22CF	Generic	Turbocharger (TC) inlet valve - control circuit open
P22D0	Generic	Turbocharger (TC) inlet valve - control circuit low
P22D1	Generic	Turbocharger (TC) inlet valve - control circuit high
P22D2	Generic	Turbocharger (TC) inlet valve - valve stuck open
P22D3	Generic	Turbocharger (TC) inlet valve - valve stuck closed
P22D4	Generic	Turbocharger (TC) inlet valve position sensor - circuit malfunction
P22D5	Generic	Turbocharger (TC) inlet valve position sensor - circuit range/performance
P22D6	Generic	Turbocharger (TC) inlet valve position sensor - circuit low
P22D7	Generic	Turbocharger (TC) inlet valve position sensor - circuit high
P22D8	Generic	Turbocharger (TC) inlet valve position sensor - circuit intermittent/erratic
P2300	Generic	Ignition Coil "A" Primary Control Circuit Low
P2301	Generic	Ignition Coil "A" Primary Control Circuit High
P2302	Generic	Ignition Coil "A" Secondary Circuit
P2303	Generic	Ignition Coil "B" Primary Control Circuit Low
P2304	Generic	Ignition Coil "B" Primary Control Circuit High
P2305	Generic	Ignition Coil "B" Secondary Circuit
P2306	Generic	Ignition Coil "C" Primary Control Circuit Low
P2307	Generic	Ignition Coil "C" Primary Control Circuit High
P2308	Generic	Ignition Coil "C" Secondary Circuit
P2309	Generic	Ignition Coil "D" Primary Control Circuit Low
P2310	Generic	Ignition Coil "D" Primary Control Circuit High
P2311	Generic	Ignition Coil "D" Secondary Circuit
P2312	Generic	Ignition Coil "E" Primary Control Circuit Low
P2313	Generic	Ignition Coil "E" Primary Control Circuit High
P2314	Generic	Ignition Coil "E" Secondary Circuit
P2315	Generic	Ignition Coil "F" Primary Control Circuit Low
P2316	Generic	Ignition Coil "F" Primary Control Circuit High
P2317	Generic	Ignition Coil "F" Secondary Circuit
P2318	Generic	Ignition Coil "G" Primary Control Circuit Low
P2319	Generic	Ignition Coil "G" Primary Control Circuit High
P2320	Generic	Ignition Coil "G" Secondary Circuit
P2321	Generic	Ignition Coil "H" Primary Control Circuit Low
P2322	Generic	Ignition Coil "H" Primary Control Circuit High
P2323	Generic	Ignition Coil "H" Secondary Circuit
P2324	Generic	Ignition Coil "I" Primary Control Circuit Low
P2325	Generic	Ignition Coil "I" Primary Control Circuit High
P2326	Generic	Ignition Coil "I" Secondary Circuit
P2327	Generic	Ignition Coil "J" Primary Control Circuit Low
P2328	Generic	Ignition Coil "J" Primary Control Circuit High
P2329	Generic	Ignition Coil "J" Secondary Circuit
P2330	Generic	Ignition Coil "K" Primary Control Circuit Low
P2331	Generic	Ignition Coil "K" Primary Control Circuit High
P2332	Generic	Ignition Coil "K" Secondary Circuit
P2333	Generic	Ignition Coil "L" Primary Control Circuit Low
P2334	Generic	Ignition Coil "L" Primary Control Circuit High
P2335	Generic	Ignition Coil "L" Secondary Circuit
P2336	Generic	Cylinder 1 Above Knock Threshold
P2337	Generic	Cylinder 2 Above Knock Threshold
P2338	Generic	Cylinder 3 Above Knock Threshold
P2339	Generic	Cylinder 4 Above Knock Threshold
P2340	Generic	Cylinder 5 Above Knock Threshold
P2341	Generic	Cylinder 6 Above Knock Threshold
P2342	Generic	Cylinder 7 Above Knock Threshold
P2343	Generic	Cylinder 8 Above Knock Threshold
P2344	Generic	Cylinder 9 Above Knock Threshold
P2345	Generic	Cylinder 10 Above Knock Threshold
P2346	Generic	Cylinder 11 Above Knock Threshold

P2347	Generic	Cylinder 12 Above Knock Threshold
P2348	Generic	Cylinder pressure sensor. cylinder 9 circuit malfunction
P2349	Generic	Cylinder pressure sensor. cylinder 9 circuit range/performance
P234A	Generic	Cylinder pressure sensor. cylinder 9 circuit low
P234B	Generic	Cylinder pressure sensor. cylinder 9 circuit high
P234C	Generic	Cylinder pressure sensor. cylinder 9 circuit intermittent/errati
P234D	Generic	Cylinder 9 pressure too low
P234E	Generic	Cylinder 9 pressure too high
P234F	Generic	Cylinder 9 pressure variation low
P2350	Generic	Cylinder 9 pressure variation high
P2351	Generic	Cylinder 9 combustion performance
P2352	Generic	Cylinder pressure sensor. cylinder 10 circuit malfunction
P2353	Generic	Cylinder pressure sensor. cylinder 10 circuit range/performance
P2354	Generic	Cylinder pressure sensor. cylinder 10 circuit low
P2355	Generic	Cylinder pressure sensor. cylinder 10 circuit high
P2356	Generic	Cylinder pressure sensor. cylinder 10 circuit intermittent/erratic
P2357	Generic	Cylinder 10 pressure too low
P2358	Generic	Cylinder 10 pressure too high
P2359	Generic	Cylinder 10 pressure variation low
P235A	Generic	Cylinder 10 pressure variation high
P235B	Generic	Cylinder 10 combustion performance
P235C	Generic	Cylinder pressure sensor. cylinder 11 circuit malfunction
P235D	Generic	Cylinder pressure sensor. cylinder 11 circuit range/performance
P235E	Generic	Cylinder pressure sensor. cylinder 11 circuit low
P235F	Generic	Cylinder pressure sensor. cylinder 11 circuit high
P2360	Generic	Cylinder pressure sensor. cylinder 11 circuit intermittent/erratic
P2361	Generic	Cylinder 11 pressure too low
P2362	Generic	Cylinder 11 pressure too high
P2363	Generic	Cylinder 11 pressure variation low
P2364	Generic	Cylinder 11 pressure variation high
P2365	Generic	Cylinder 11 combustion performance
P2366	Generic	Cylinder pressure sensor. cylinder 12 circuit malfunction
P2367	Generic	Cylinder pressure sensor. cylinder 12 circuit range/performance
P2368	Generic	Cylinder pressure sensor. cylinder 12 circuit low
P2369	Generic	Cylinder pressure sensor. cylinder 12 circuit high
P236A	Generic	Cylinder pressure sensor. cylinder 12 circuit intermittent/erratic
P236B	Generic	Cylinder 12 pressure too low
P236C	Generic	Cylinder 12 pressure too high
P236D	Generic	Cylinder 12 pressure variation low
P236E	Generic	Cylinder 12 pressure variation high
P236F	Generic	Cylinder 12 combustion performance
P2400	Generic	Evaporative Emission System Leak Detection Pump Control Circuit/Open
P2401	Generic	Evaporative Emission System Leak Detection Pump Control Circuit Low
P2402	Generic	Evaporative Emission System Leak Detection Pump Control Circuit High
P2403	Generic	Evaporative Emission System Leak Detection Pump Sense Circuit/Open
P2404	Generic	Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance
P2405	Generic	Evaporative Emission System Leak Detection Pump Sense Circuit Low
P2406	Generic	Evaporative Emission System Leak Detection Pump Sense Circuit High
P2407	Generic	Evaporative Emission System Leak Detection Pump Sense Circuit Intermittent/Erratic
P2408	Generic	Fuel Cap Sensor/Switch Circuit
P2409	Generic	Fuel Cap Sensor/Switch Circuit Range/Performance
P240A	Generic	Evaporative Emission System Leak Detection Pump Heater Control Circuit/Open
P240B	Generic	Evaporative Emission System Leak Detection Pump Heater Control Circuit Low
P240C	Generic	Evaporative Emission System Leak Detection Pump Heater Control Circuit High
P240F	Generic	Exhaust gas recirculation (EGR) system slow response
P2410	Generic	Fuel Cap Sensor/Switch Circuit Low
P2411	Generic	Fuel Cap Sensor/Switch Circuit High
P2412	Generic	Fuel Cap Sensor/Switch Circuit Intermittent/Erratic
P2413	Generic	Exhaust Gas Recirculation System Performance
P2414	Generic	O2 Sensor Exhaust Sample Error Bank 1 Sensor 1
P2415	Generic	O2 Sensor Exhaust Sample Error Bank 2 Sensor 1
P2416	Generic	O2 Sensor Signals Swapped Bank 1 Sensor 2/Bank 1 Sensor 3
P2417	Generic	O2 Sensor Signals Swapped Bank 2 Sensor 2/Bank 2 Sensor 3
P2418	Generic	Evaporative Emission System Switching Valve Control Circuit/Open
P2419	Generic	Evaporative Emission System Switching Valve Control Circuit Low
P2420	Generic	Evaporative Emission System Switching Valve Control Circuit High
P2421	Generic	Evaporative Emission System Vent Valve Stuck Open
P2422	Generic	Evaporative Emission System Vent Valve Stuck Closed
P2423	Generic	HC Adsorption Catalyst Efficiency Below Threshold Bank 1
P2424	Generic	HC Adsorption Catalyst Efficiency Below Threshold Bank 2
P2425	Generic	Exhaust Gas Recirculation Cooling Valve Control Circuit/Open
P2426	Generic	Exhaust Gas Recirculation Cooling Valve Control Circuit Low
P2427	Generic	Exhaust Gas Recirculation Cooling Valve Control Circuit High
P2428	Generic	Exhaust Gas Temperature Too High Bank 1
P2429	Generic	Exhaust Gas Temperature Too High Bank 2
P242A	Generic	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 3
P242B	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 3
P242C	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 3

P242D	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 3
P242E	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 3
P242F	Generic	Diesel Particulate Filter Restriction - Ash Accumulation
P2430	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Bank 1
P2431	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance Bank 1
P2432	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low Bank 1
P2433	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit High Bank 1
P2434	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Intermittent/Erratic Bank 1
P2435	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Bank 2
P2436	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance Bank 2
P2437	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low Bank 2
P2438	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit High Bank 2
P2439	Generic	Secondary Air Injection System Air Flow/Pressure Sensor Circuit Intermittent/Erratic Bank 2
P2440	Generic	Secondary Air Injection System Switching Valve Stuck Open Bank 1
P2441	Generic	Secondary Air Injection System Switching Valve Stuck Closed Bank 1
P2442	Generic	Secondary Air Injection System Switching Valve Stuck Open Bank 2
P2443	Generic	Secondary Air Injection System Switching Valve Stuck Closed Bank 2
P2444	Generic	Secondary Air Injection System Pump Stuck On Bank 1
P2445	Generic	Secondary Air Injection System Pump Stuck Off Bank 1
P2446	Generic	Secondary Air Injection System Pump Stuck On Bank 2
P2447	Generic	Secondary Air Injection System Pump Stuck Off Bank 2
P2448	Generic	Secondary Air Injection System High Air Flow Bank 1
P2449	Generic	Secondary Air Injection System High Air Flow Bank 2
P244A	Generic	Diesel Particulate Filter Differential Pressure Too Low Bank 1
P244B	Generic	Diesel Particulate Filter Differential Pressure Too High Bank 1
P244C	Generic	Exhaust Temperature Too Low For Particulate Filter Regeneration Bank 1
P244D	Generic	Exhaust Temperature Too High For Particulate Filter Regeneration Bank 1
P244E	Generic	Exhaust Temperature Too Low For Particulate Filter Regeneration Bank 2
P244F	Generic	Exhaust Temperature Too High For Particulate Filter Regeneration Bank 2
P2450	Generic	Evaporative Emission System Switching Valve Performance/Stuck Open
P2451	Generic	Evaporative Emission System Switching Valve Stuck Closed
P2452	Generic	Diesel Particulate Filter Pressure Sensor "A" Circuit
P2453	Generic	Diesel Particulate Filter Pressure Sensor "A" Circuit Range/Performance
P2454	Generic	Diesel Particulate Filter Pressure Sensor "A" Circuit Low
P2455	Generic	Diesel Particulate Filter Pressure Sensor "A" Circuit High
P2456	Generic	Diesel Particulate Filter Pressure Sensor "A" Circuit Intermittent/Erratic
P2457	Generic	Exhaust Gas Recirculation Cooling System Performance
P2458	Generic	Diesel Particulate Filter Regeneration Duration
P2459	Generic	Diesel Particulate Filter Regeneration Frequency
P245A	Generic	Exhaust Gas Recirculation Cooler Bypass Control Circuit/Open
P245B	Generic	Exhaust Gas Recirculation Cooler Bypass Control Circuit Range/Performance
P245C	Generic	Exhaust Gas Recirculation Cooler Bypass Control Circuit Low
P245D	Generic	Exhaust Gas Recirculation Cooler Bypass Control Circuit High
P245E	Generic	Diesel Particulate Filter Pressure Sensor "B" Circuit
P245F	Generic	Diesel Particulate Filter Pressure Sensor "B" Circuit Range/Performance
P2460	Generic	Diesel Particulate Filter Pressure Sensor "B" Circuit Low
P2461	Generic	Diesel Particulate Filter Pressure Sensor "B" Circuit High
P2462	Generic	Diesel Particulate Filter Pressure Sensor "B" Circuit Intermittent/Erratic
P2463	Generic	Diesel Particulate Filter Restriction - Soot Accumulation
P2464	Generic	Diesel Particulate Filter Differential Pressure Too Low Bank 2
P2465	Generic	Diesel Particulate Filter Differential Pressure Too High Bank 2
P2466	Generic	Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 3
P2467	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 3
P2468	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 3
P2469	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 3
P246A	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 3
P246B	Generic	Vehicle Conditions Incorrect for Diesel Particulate Filter Regeneration
P246C	Generic	Diesel Particulate Filter Restriction - Forced Limited Power
P246D	Generic	Diesel Particulate Filter Pressure Sensor "A"/"B" Correlation
P246E	Generic	Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 4
P246F	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 4
P2470	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 4
P2471	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 4
P2472	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 4
P2473	Generic	Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 4
P2474	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 4
P2475	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 4
P2476	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 4
P2477	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 4
P2478	Generic	Exhaust Gas Temperature Out of Range Bank 1 Sensor 1
P2479	Generic	Exhaust Gas Temperature Out of Range Bank 1 Sensor 2
P247A	Generic	Exhaust Gas Temperature Out of Range Bank 1 Sensor 3
P247B	Generic	Exhaust Gas Temperature Out of Range Bank 1 Sensor 4
P247C	Generic	Exhaust Gas Temperature Out of Range Bank 2 Sensor 1
P247D	Generic	Exhaust Gas Temperature Out of Range Bank 2 Sensor 2
P247E	Generic	Exhaust Gas Temperature Out of Range Bank 2 Sensor 3
P247F	Generic	Exhaust Gas Temperature Out of Range Bank 2 Sensor 4
P2480	Generic	Exhaust Gas Temperature Sensor Circuit/Open Bank 1 Sensor 5

P2481	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 5
P2482	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 5
P2483	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 5
P2484	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 5
P2485	Generic	Exhaust Gas Temperature Sensor Circuit/Open Bank 2 Sensor 5
P2486	Generic	Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 5
P2487	Generic	Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 5
P2488	Generic	Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 5
P2489	Generic	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 5
P248A	Generic	Reductant heater A. sense circuit circuit low
P248B	Generic	Reductant heater A. sense circuit circuit high
P248C	Generic	Reductant heater B. sense circuit circuit low
P248D	Generic	Reductant heater B. sense circuit circuit high
P248E	Generic	Exhaust gas recirculation (EGR) cooler bypass valve. bank 2 control circuit open
P248F	Generic	Exhaust gas recirculation (EGR) cooler bypass valve. bank 2 control circuit range/performance
P2490	Generic	Exhaust gas recirculation (EGR) cooler bypass valve. bank 2 control circuit low
P2491	Generic	Exhaust gas recirculation (EGR) cooler bypass valve. bank 2 control circuit high
P2492	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 1 circuit malfunction
P2493	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 1 range/performance problem
P2494	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 1 circuit low
P2495	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 1 circuit high
P2496	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 1 circuit intermittent/erratic
P2497	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 2 circuit malfunction
P2498	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 2 range/performance problem
P2499	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 2 circuit low
P249A	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 2 circuit high
P249B	Generic	Exhaust gas recirculation (EGR) cooler bypass flap position sensor. bank 2 circuit intermittent/erratic
P249C	Generic	Excessive time to enter closed loop reductant injection control
P249D	Generic	Closed loop reductant injection control. control limit reached low flow detected
P249E	Generic	Closed loop reductant injection control. control limit reached high flow detected
P249F	Generic	Excessive time to enter closed loop Diesel particulate filter (DPF) regeneration control
P24A0	Generic	Closed loop Diesel particulate filter (DPF) regeneration control. control limit reached temperature too low
P24A1	Generic	Closed loop Diesel particulate filter (DPF) regeneration control. control limit reached temperature too high
P24A2	Generic	Diesel particulate filter (DPF) regeneration regeneration not completed
P2500	Generic	Generator Lamp/L-Terminal Circuit Low
P2501	Generic	Generator Lamp/L-Terminal Circuit High
P2502	Generic	Charging System Voltage
P2503	Generic	Charging System Voltage Low
P2504	Generic	Charging System Voltage High
P2505	Generic	ECM/PCM Power Input Signal
P2506	Generic	ECM/PCM Power Input Signal Range/Performance
P2507	Generic	ECM/PCM Power Input Signal Low
P2508	Generic	ECM/PCM Power Input Signal High
P2509	Generic	ECM/PCM Power Input Signal Intermittent
P250A	Generic	Engine Oil Level Sensor Circuit
P250B	Generic	Engine Oil Level Sensor Circuit Range/Performance
P250C	Generic	Engine Oil Level Sensor Circuit Low
P250D	Generic	Engine Oil Level Sensor Circuit High
P250E	Generic	Engine Oil Level Sensor Circuit Intermittent/Erratic
P250F	Generic	Engine Oil Level Too Low
P2510	Generic	ECM/PCM Power Relay Sense Circuit Range/Performance
P2511	Generic	ECM/PCM Power Relay Sense Circuit Intermittent
P2512	Generic	Event Data Recorder Request Circuit/ Open
P2513	Generic	Event Data Recorder Request Circuit Low
P2514	Generic	Event Data Recorder Request Circuit High
P2515	Generic	A/C Refrigerant Pressure Sensor "B" Circuit
P2516	Generic	A/C Refrigerant Pressure Sensor "B" Circuit Range/Performance
P2517	Generic	A/C Refrigerant Pressure Sensor "B" Circuit Low
P2518	Generic	A/C Refrigerant Pressure Sensor "B" Circuit High
P2519	Generic	A/C Request "A" Circuit
P251A	Generic	PTO Enable Switch Circuit/Open
P251B	Generic	PTO Enable Switch Circuit Low
P251C	Generic	PTO Enable Switch Circuit High
P251D	Generic	PTO Engine Shutdown Circuit/Open
P251E	Generic	PTO Engine Shutdown Circuit Low
P251F	Generic	PTO Engine Shutdown Circuit High
P2520	Generic	A/C Request "A" Circuit Low
P2521	Generic	A/C Request "A" Circuit High
P2522	Generic	A/C Request "B" Circuit
P2523	Generic	A/C Request "B" Circuit Low
P2524	Generic	A/C Request "B" Circuit High
P2525	Generic	Vacuum Reservoir Pressure Sensor Circuit
P2526	Generic	Vacuum Reservoir Pressure Sensor Circuit Range/Performance
P2527	Generic	Vacuum Reservoir Pressure Sensor Circuit Low
P2528	Generic	Vacuum Reservoir Pressure Sensor Circuit High
P2529	Generic	Vacuum Reservoir Pressure Sensor Circuit Intermittent
P252A	Generic	Engine Oil Quality Sensor Circuit
P252B	Generic	Engine Oil Quality Sensor Circuit Range/Performance

P252C	Generic	Engine Oil Quality Sensor Circuit Low
P252D	Generic	Engine Oil Quality Sensor Circuit High
P252E	Generic	Engine Oil Quality Circuit Intermittent/Erratic
P252F	Generic	Engine Oil Level Too High
P2530	Generic	Ignition Switch Run Position Circuit
P2531	Generic	Ignition Switch Run Position Circuit Low
P2532	Generic	Ignition Switch Run Position Circuit High
P2533	Generic	Ignition Switch Run/Start Position Circuit
P2534	Generic	Ignition Switch Run/Start Position Circuit Low
P2535	Generic	Ignition Switch Run/Start Position Circuit High
P2536	Generic	Ignition Switch Accessory Position Circuit
P2537	Generic	Ignition Switch Accessory Position Circuit Low
P2538	Generic	Ignition Switch Accessory Position Circuit High
P2539	Generic	Low Pressure Fuel System Sensor Circuit
P253A	Generic	PTO Sense Circuit/Open
P253B	Generic	PTO Sense Circuit Range/Performance
P253C	Generic	PTO Sense Circuit Low
P253D	Generic	PTO Sense Circuit High
P253E	Generic	PTO Sense Circuit Intermittent/Erratic
P253F	Generic	Engine Oil Deteriorated
P2540	Generic	Low Pressure Fuel System Sensor Circuit Range/Performance
P2541	Generic	Low Pressure Fuel System Sensor Circuit Low
P2542	Generic	Low Pressure Fuel System Sensor Circuit High
P2543	Generic	Low Pressure Fuel System Sensor Circuit Intermittent
P2544	Generic	Torque Management Request Input Signal "A"
P2545	Generic	Torque Management Request Input Signal "A" Range/Performance
P2546	Generic	Torque Management Request Input Signal "A" Low
P2547	Generic	Torque Management Request Input Signal "A" High
P2548	Generic	Torque Management Request Input Signal "B"
P2549	Generic	Torque Management Request Input Signal "B" Range/Performance
P254A	Generic	PTO Speed Selector Sensor/Switch 1 Circuit/Open
P254B	Generic	PTO Speed Selector Sensor/Switch 1 Range/Performance
P254C	Generic	PTO Speed Selector Sensor/Switch 1 Circuit Low
P254D	Generic	PTO Speed Selector Sensor/Switch 1 Circuit High
P254E	Generic	PTO Speed Selector Sensor/Switch 1 Circuit Intermittent/Erratic
P254F	Generic	Engine Hood Switch Circuit
P2550	Generic	Torque Management Request Input Signal "B" Low
P2551	Generic	Torque Management Request Input Signal "B" High
P2552	Generic	Throttle/Fuel Inhibit Circuit
P2553	Generic	Throttle/Fuel Inhibit Circuit Range/Performance
P2554	Generic	Throttle/Fuel Inhibit Circuit Low
P2555	Generic	Throttle/Fuel Inhibit Circuit High
P2556	Generic	Engine Coolant Level Sensor/Switch Circuit
P2557	Generic	Engine Coolant Level Sensor/Switch Circuit Range/Performance
P2558	Generic	Engine Coolant Level Sensor/Switch Circuit Low
P2559	Generic	Engine Coolant Level Sensor/Switch Circuit High
P255A	Generic	PTO Speed Selector Sensor/Switch 2 Circuit/Open
P255B	Generic	PTO Speed Selector Sensor/Switch 2 Range/Performance
P255C	Generic	PTO Speed Selector Sensor/Switch 2 Circuit Low
P255D	Generic	PTO Speed Selector Sensor/Switch 2 Circuit High
P255E	Generic	PTO Speed Selector Sensor/Switch 2 Circuit Intermittent/Erratic
P255F	Generic	A/C Request "A" Circuit Range/Performance
P2560	Generic	Engine Coolant Level Low
P2561	Generic	A/C Control Module Requested MIL Illumination
P2562	Generic	Turbocharger Boost Control Position Sensor "A" Circuit
P2563	Generic	Turbocharger Boost Control Position Sensor "A" Circuit Range/Performance
P2564	Generic	Turbocharger Boost Control Position Sensor "A" Circuit Low
P2565	Generic	Turbocharger Boost Control Position Sensor "A" Circuit High
P2566	Generic	Turbocharger Boost Control Position Sensor "A" Circuit Intermittent
P2567	Generic	Direct Ozone Reduction Catalyst Temperature Sensor Circuit
P2568	Generic	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Range/Performance
P2569	Generic	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Low
P256A	Generic	Engine Idle Speed Selector Sensor/Switch Circuit/Open
P256B	Generic	Engine Idle Speed Selector Sensor/Switch Range/Performance
P256C	Generic	Engine Idle Speed Selector Sensor/Switch Circuit Low
P256D	Generic	Engine Idle Speed Selector Sensor/Switch Circuit High
P256E	Generic	Engine Idle Speed Selector Sensor/Switch Circuit Intermittent/Erratic
P256F	Generic	A/C Request "B" Circuit Range/Performance
P2570	Generic	Direct Ozone Reduction Catalyst Temperature Sensor Circuit High
P2571	Generic	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Intermittent/Erratic
P2572	Generic	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit
P2573	Generic	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Range/Performance
P2574	Generic	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Low
P2575	Generic	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit High
P2576	Generic	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Intermittent/Erratic
P2577	Generic	Direct Ozone Reduction Catalyst Efficiency Below Threshold
P2578	Generic	Turbocharger Speed Sensor Circuit
P2579	Generic	Turbocharger Speed Sensor Circuit Range/Performance

P257A	Generic	Vacuum Reservoir Control Circuit/Open
P257B	Generic	Vacuum Reservoir Control Circuit Low
P257C	Generic	Vacuum Reservoir Control Circuit High
P257D	Generic	Engine Hood Switch Circuit Range/Performance
P257E	Generic	Engine Hood Switch Circuit Low
P257F	Generic	Engine Hood Switch Circuit High
P2580	Generic	Turbocharger Speed Sensor Circuit Low
P2581	Generic	Turbocharger Speed Sensor Circuit High
P2582	Generic	Turbocharger Speed Sensor Circuit Intermittent
P2583	Generic	Cruise Control Front Distance Range Sensor Single Sensor or Center
P2584	Generic	Fuel Additive Control Module Requested MIL Illumination
P2585	Generic	Fuel Additive Control Module Warning Lamp Request
P2586	Generic	Turbocharger Boost Control Position Sensor "B" Circuit
P2587	Generic	Turbocharger Boost Control Position Sensor "B" Circuit Range/Performance
P2588	Generic	Turbocharger Boost Control Position Sensor "B" Circuit Low
P2589	Generic	Turbocharger Boost Control Position Sensor "B" Circuit High
P258A	Generic	Vacuum Pump Control Circuit/Open
P258B	Generic	Vacuum Pump Control Range/Performance
P258C	Generic	Vacuum Pump Control Circuit Low
P258D	Generic	Vacuum Pump Control Circuit High
P258E	Generic	PTO Enable Switch Performance
P258F	Generic	Torque Management Request Output Signal
P2590	Generic	Turbocharger Boost Control Position Sensor "B" Circuit Intermittent/Erratic
P2591	Generic	Cruise Control Front Distance Range Sensor Left
P2592	Generic	Cruise Control Front Distance Range Sensor Right
P2593	Generic	Turbocharger (TC) speed sensor B circuit malfunction
P2594	Generic	Turbocharger (TC) speed sensor B circuit range/performance
P2595	Generic	Turbocharger (TC) speed sensor B circuit low
P2596	Generic	Turbocharger (TC) speed sensor B circuit high
P2597	Generic	Turbocharger (TC) speed sensor B circuit intermittent/erratic
P2598	Generic	Turbocharger (TC) boost control position sensor A. performance problem signal low
P2599	Generic	Turbocharger (TC) boost control position sensor A. performance problem signal high
P259A	Generic	Turbocharger (TC) boost control position sensor B. performance problem signal low
P259B	Generic	Turbocharger (TC) boost control position sensor B. performance problem signal high
P259C	Generic	Excessive time to enter closed loop turbocharger A boost control
P259D	Generic	Excessive time to enter closed loop turbocharger B boost control
P259E	Generic	Turbocharger (TC) A. boost pressure control lower limit reached
P259F	Generic	Turbocharger (TC) A. boost pressure control higher limit reached
P25A0	Generic	Turbocharger (TC) B. boost pressure control lower limit reached
P25A1	Generic	Turbocharger (TC) B. boost pressure control higher limit reached
P2600	Generic	Coolant Pump "A" Control Circuit/Open
P2601	Generic	Coolant Pump "A" Control Circuit Range/Performance
P2602	Generic	Coolant Pump "A" Control Circuit Low
P2603	Generic	Coolant Pump "A" Control Circuit High
P2604	Generic	Intake Air Heater "A" Circuit Range/Performance
P2605	Generic	Intake Air Heater "B" Circuit/Open
P2606	Generic	Intake Air Heater "B" Circuit Range/Performance
P2607	Generic	Intake Air Heater "B" Circuit Low
P2608	Generic	Intake Air Heater "B" Circuit High
P2609	Generic	Intake Air Heater System Performance
P260A	Generic	PTO Control Circuit/Open
P260B	Generic	PTO Control Circuit Low
P260C	Generic	PTO Control Circuit High
P260D	Generic	PTO Engaged Lamp Control Circuit
P260E	Generic	Diesel Particulate Filter Regeneration Lamp Control Circuit
P260F	Generic	Evaporative System Monitoring Processor Performance
P2610	Generic	ECM/PCM Internal Engine Off Timer Performance
P2611	Generic	A/C Refrigerant Distribution Valve Control Circuit/Open
P2612	Generic	A/C Refrigerant Distribution Valve Control Circuit Low
P2613	Generic	A/C Refrigerant Distribution Valve Control Circuit High
P2614	Generic	Camshaft Position Signal Output Circuit/Open
P2615	Generic	Camshaft Position Signal Output Circuit Low
P2616	Generic	Camshaft Position Signal Output Circuit High
P2617	Generic	Crankshaft Position Signal Output Circuit/Open
P2618	Generic	Crankshaft Position Signal Output Circuit Low
P2619	Generic	Crankshaft Position Signal Output Circuit High
P261A	Generic	Coolant Pump "B" Control Circuit/Open
P261B	Generic	Coolant Pump "B" Control Circuit Range/Performance
P261C	Generic	Coolant Pump "B" Control Circuit Low
P261D	Generic	Coolant Pump "B" Control Circuit High
P2620	Generic	Throttle Position Output Circuit/Open
P2621	Generic	Throttle Position Output Circuit Low
P2622	Generic	Throttle Position Output Circuit High
P2623	Generic	Injector Control Pressure Regulator Circuit/Open
P2624	Generic	Injector Control Pressure Regulator Circuit Low
P2625	Generic	Injector Control Pressure Regulator Circuit High
P2626	Generic	O2 Sensor Pumping Current Trim Circuit/Open Bank 1 Sensor 1
P2627	Generic	O2 Sensor Pumping Current Trim Circuit Low Bank 1 Sensor 1

P2628	Generic	O2 Sensor Pumping Current Trim Circuit High Bank 1 Sensor 1
P2629	Generic	O2 Sensor Pumping Current Trim Circuit/Open Bank 2 Sensor 1
P2630	Generic	O2 Sensor Pumping Current Trim Circuit Low Bank 2 Sensor 1
P2631	Generic	O2 Sensor Pumping Current Trim Circuit High Bank 2 Sensor 1
P2632	Generic	Fuel Pump "B" Control Circuit /Open
P2633	Generic	Fuel Pump "B" Control Circuit Low
P2634	Generic	Fuel Pump "B" Control Circuit High
P2635	Generic	Fuel Pump "A" Low Flow/Performance
P2636	Generic	Fuel Pump "B" Low Flow/Performance
P2637	Generic	Torque Management Feedback Signal "A"
P2638	Generic	Torque Management Feedback Signal "A" Range/Performance
P2639	Generic	Torque Management Feedback Signal "A" Low
P2640	Generic	Torque Management Feedback Signal "A" High
P2641	Generic	Torque Management Feedback Signal "B"
P2642	Generic	Torque Management Feedback Signal "B" Range/Performance
P2643	Generic	Torque Management Feedback Signal "B" Low
P2644	Generic	Torque Management Feedback Signal "B" High
P2645	Generic	A Rocker Arm Actuator Control Circuit/Open Bank 1
P2646	Generic	A Rocker Arm Actuator System Performance/Stuck Off Bank 1
P2647	Generic	A Rocker Arm Actuator System Stuck On Bank 1
P2648	Generic	A Rocker Arm Actuator Control Circuit Low Bank 1
P2649	Generic	A Rocker Arm Actuator Control Circuit High Bank 1
P264A	Generic	A Rocker Arm Actuator Position Sensor Circuit Bank 1
P264B	Generic	A Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 1
P264C	Generic	A Rocker Arm Actuator Position Sensor Circuit Low Bank 1
P264D	Generic	A Rocker Arm Actuator Position Sensor Circuit High Bank 1
P264E	Generic	A Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 1
P2650	Generic	B Rocker Arm Actuator Control Circuit/Open Bank 1
P2651	Generic	B Rocker Arm Actuator System Performance/Stuck Off Bank 1
P2652	Generic	B Rocker Arm Actuator System Stuck On Bank 1
P2653	Generic	B Rocker Arm Actuator Control Circuit Low Bank 1
P2654	Generic	B Rocker Arm Actuator Control Circuit High Bank 1
P2655	Generic	A Rocker Arm Actuator Control Circuit/Open Bank 2
P2656	Generic	A Rocker Arm Actuator System Performance/Stuck Off Bank 2
P2657	Generic	A Rocker Arm Actuator System Stuck On Bank 2
P2658	Generic	A Rocker Arm Actuator Control Circuit Low Bank 2
P2659	Generic	A Rocker Arm Actuator Control Circuit High Bank 2
P265A	Generic	B Rocker Arm Actuator Position Sensor Circuit Bank 1
P265B	Generic	B Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 1
P265C	Generic	B Rocker Arm Actuator Position Sensor Circuit Low Bank 1
P265D	Generic	B Rocker Arm Actuator Position Sensor Circuit High Bank 1
P265E	Generic	B Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 1
P2660	Generic	B Rocker Arm Actuator Control Circuit/Open Bank 2
P2661	Generic	B Rocker Arm Actuator System Performance/Stuck Off Bank 2
P2662	Generic	B Rocker Arm Actuator System Stuck On Bank 2
P2663	Generic	B Rocker Arm Actuator Control Circuit Low Bank 2
P2664	Generic	B Rocker Arm Actuator Control Circuit High Bank 2
P2665	Generic	Fuel Shutoff Valve "B" Control Circuit/Open
P2666	Generic	Fuel Shutoff Valve "B" Control Circuit Low
P2667	Generic	Fuel Shutoff Valve "B" Control Circuit High
P2668	Generic	Fuel Mode Indicator Lamp Control Circuit
P2669	Generic	Actuator Supply Voltage "B" Circuit /Open
P266A	Generic	A Rocker Arm Actuator Position Sensor Circuit Bank 2
P266B	Generic	A Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 2
P266C	Generic	A Rocker Arm Actuator Position Sensor Circuit Low Bank 2
P266D	Generic	A Rocker Arm Actuator Position Sensor Circuit High Bank 2
P266E	Generic	A Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 2
P2670	Generic	Actuator Supply Voltage "B" Circuit Low
P2671	Generic	Actuator Supply Voltage "B" Circuit High
P2672	Generic	Injection Pump Timing Offset
P2673	Generic	Injection Pump Timing Calibration Not Learned
P2674	Generic	Injection Pump Fuel Calibration Not Learned
P2675	Generic	Air Cleaner Inlet Control Circuit/Open
P2676	Generic	Air Cleaner Inlet Control Circuit Low
P2677	Generic	Air Cleaner Inlet Control Circuit High
P2678	Generic	Coolant Degassing Valve Control Circuit/Open
P2679	Generic	Coolant Degassing Valve Control Circuit Low
P267A	Generic	B Rocker Arm Actuator Position Sensor Circuit Bank 2
P267B	Generic	B Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 2
P267C	Generic	B Rocker Arm Actuator Position Sensor Circuit Low Bank 2
P267D	Generic	B Rocker Arm Actuator Position Sensor Circuit High Bank 2
P267E	Generic	B Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 2
P2680	Generic	Coolant Degassing Valve Control Circuit High
P2681	Generic	Engine Coolant Bypass Valve Control Circuit/Open
P2682	Generic	Engine Coolant Bypass Valve Control Circuit Low
P2683	Generic	Engine Coolant Bypass Valve Control Circuit High
P2684	Generic	Actuator Supply Voltage "C" Circuit/Open
P2685	Generic	Actuator Supply Voltage "C" Circuit Low

P2686	Generic	Actuator Supply Voltage "C" Circuit High
P2687	Generic	Fuel Supply Heater Control Circuit/Open
P2688	Generic	Fuel Supply Heater Control Circuit Low
P2689	Generic	Fuel Supply Heater Control Circuit High
P268A	Generic	Fuel Injector Calibration Not Learned/Programmed
P268B	Generic	High Pressure Fuel Pump Calibration Not Learned/Programmed
P268C	Generic	Cylinder 1 Injector Data Incompatible
P268D	Generic	Cylinder 2 Injector Data Incompatible
P268E	Generic	Cylinder 3 Injector Data Incompatible
P268F	Generic	Cylinder 4 Injector Data Incompatible
P2690	Generic	Cylinder 5 Injector Data Incompatible
P2691	Generic	Cylinder 6 Injector Data Incompatible
P2692	Generic	Cylinder 7 Injector Data Incompatible
P2693	Generic	Cylinder 8 Injector Data Incompatible
P2694	Generic	Cylinder 9 Injector Data Incompatible
P2695	Generic	Cylinder 10 Injector Data Incompatible
P2696	Generic	Injector Data Incompatible
P2697	Generic	Exhaust Aftertreatment Fuel Injector "A" Circuit/Open
P2698	Generic	Exhaust Aftertreatment Fuel Injector "A" Performance
P2699	Generic	Exhaust Aftertreatment Fuel Injector "A" Circuit Low
P269A	Generic	Exhaust Aftertreatment Fuel Injector "A" Circuit High
P269B	Generic	Exhaust Aftertreatment Glow Plug Control Circuit/Open
P269C	Generic	Exhaust Aftertreatment Glow Plug Control Performance
P269D	Generic	Exhaust Aftertreatment Glow Plug Control Circuit Low
P269E	Generic	Exhaust Aftertreatment Glow Plug Control Circuit High
P269F	Generic	Exhaust Aftertreatment Glow Plug Circuit/Open
P26A0	Generic	Exhaust Aftertreatment Glow Plug Performance
P26A1	Generic	Exhaust Aftertreatment Glow Plug Circuit Low
P26A2	Generic	Exhaust Aftertreatment Glow Plug Circuit High
P2700	Generic	Transmission Friction Element "A" Apply Time Range/Performance
P2701	Generic	Transmission Friction Element "B" Apply Time Range/Performance
P2702	Generic	Transmission Friction Element "C" Apply Time Range/Performance
P2703	Generic	Transmission Friction Element "D" Apply Time Range/Performance
P2704	Generic	Transmission Friction Element "E" Apply Time Range/Performance
P2705	Generic	Transmission Friction Element "F" Apply Time Range/Performance
P2706	Generic	Shift Solenoid "F"
P2707	Generic	Shift Solenoid "F" Performance/Stuck Off
P2708	Generic	Shift Solenoid "F" Stuck On
P2709	Generic	Shift Solenoid "F" Electrical
P2710	Generic	Shift Solenoid "F" Intermittent
P2711	Generic	Unexpected Mechanical Gear Disengagement
P2712	Generic	Hydraulic Power Unit Leakage
P2713	Generic	Pressure Control Solenoid "D"
P2714	Generic	Pressure Control Solenoid "D" Performance/Stuck Off
P2715	Generic	Pressure Control Solenoid "D" Stuck On
P2716	Generic	Pressure Control Solenoid "D" Electrical
P2717	Generic	Pressure Control Solenoid "D" Intermittent
P2718	Generic	Pressure Control Solenoid "D" Control Circuit/Open
P2719	Generic	Pressure Control Solenoid "D" Control Circuit Range/Performance
P2720	Generic	Pressure Control Solenoid "D" Control Circuit Low
P2721	Generic	Pressure Control Solenoid "D" Control Circuit High
P2722	Generic	Pressure Control Solenoid "E"
P2723	Generic	Pressure Control Solenoid "E" Performance/Stuck Off
P2724	Generic	Pressure Control Solenoid "E" Stuck On
P2725	Generic	Pressure Control Solenoid "E" Electrical
P2726	Generic	Pressure Control Solenoid "E" Intermittent
P2727	Generic	Pressure Control Solenoid "E" Control Circuit/Open
P2728	Generic	Pressure Control Solenoid "E" Control Circuit Range/Performance
P2729	Generic	Pressure Control Solenoid "E" Control Circuit Low
P2730	Generic	Pressure Control Solenoid "E" Control Circuit High
P2731	Generic	Pressure Control Solenoid "F"
P2732	Generic	Pressure Control Solenoid "F" Performance/Stuck Off
P2733	Generic	Pressure Control Solenoid "F" Stuck On
P2734	Generic	Pressure Control Solenoid "F" Electrical
P2735	Generic	Pressure Control Solenoid "F" Intermittent
P2736	Generic	Pressure Control Solenoid "F" Control Circuit/Open
P2737	Generic	Pressure Control Solenoid "F" Control Circuit Range/Performance
P2738	Generic	Pressure Control Solenoid "F" Control Circuit Low
P2739	Generic	Pressure Control Solenoid "F" Control Circuit High
P273A	Generic	Transmission Friction Element "G" Apply Time Range/Performance
P273B	Generic	Transmission Friction Element "H" Apply Time Range/Performance
P2740	Generic	Transmission Fluid Temperature Sensor "B" Circuit
P2741	Generic	Transmission Fluid Temperature Sensor "B" Circuit Range/Performance
P2742	Generic	Transmission Fluid Temperature Sensor "B" Circuit Low
P2743	Generic	Transmission Fluid Temperature Sensor "B" Circuit High
P2744	Generic	Transmission Fluid Temperature Sensor "B" Circuit Intermittent
P2745	Generic	Intermediate Shaft Speed Sensor "B" Circuit
P2746	Generic	Intermediate Shaft Speed Sensor "B" Circuit Range/Performance

P2747	Generic	Intermediate Shaft Speed Sensor "B" Circuit No Signal
P2748	Generic	Intermediate Shaft Speed Sensor "B" Circuit Intermittent
P2749	Generic	Intermediate Shaft Speed Sensor "C" Circuit
P2750	Generic	Intermediate Shaft Speed Sensor "C" Circuit Range/Performance
P2751	Generic	Intermediate Shaft Speed Sensor "C" Circuit No Signal
P2752	Generic	Intermediate Shaft Speed Sensor "C" Circuit Intermittent
P2753	Generic	Transmission Fluid Cooler Control Circuit/Open
P2754	Generic	Transmission Fluid Cooler Control Circuit Low
P2755	Generic	Transmission Fluid Cooler Control Circuit High
P2756	Generic	Torque Converter Clutch Pressure Control Solenoid
P2757	Generic	Torque Converter Clutch Pressure Control Solenoid Control Circuit Performance/Stuck Off
P2758	Generic	Torque Converter Clutch Pressure Control Solenoid Control Circuit Stuck On
P2759	Generic	Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical
P2760	Generic	Torque Converter Clutch Pressure Control Solenoid Control Circuit Intermittent
P2761	Generic	Torque Converter Clutch Pressure Control Solenoid Control Circuit/Open
P2762	Generic	Torque Converter Clutch Pressure Control Solenoid Control Circuit Range/Performance
P2763	Generic	Torque Converter Clutch Pressure Control Solenoid Control Circuit High
P2764	Generic	Torque Converter Clutch Pressure Control Solenoid Control Circuit Low
P2765	Generic	Input/Turbine Speed Sensor "B" Circuit
P2766	Generic	Input/Turbine Speed Sensor "B" Circuit Range/Performance
P2767	Generic	Input/Turbine Speed Sensor "B" Circuit No Signal
P2768	Generic	Input/Turbine Speed Sensor "B" Circuit Intermittent
P2769	Generic	Torque Converter Clutch Circuit Low
P2770	Generic	Torque Converter Clutch Circuit High
P2771	Generic	Four Wheel Drive (4WD) Low Switch Circuit
P2772	Generic	Four Wheel Drive (4WD) Low Switch Circuit Range/Performance
P2773	Generic	Four Wheel Drive (4WD) Low Switch Circuit Low
P2774	Generic	Four Wheel Drive (4WD) Low Switch Circuit High
P2775	Generic	Upshift Switch Circuit Range/Performance
P2776	Generic	Upshift Switch Circuit Low
P2777	Generic	Upshift Switch Circuit High
P2778	Generic	Upshift Switch Circuit Intermittent/Erratic
P2779	Generic	Downshift Switch Circuit Range/Performance
P2780	Generic	Downshift Switch Circuit Low
P2781	Generic	Downshift Switch Circuit High
P2782	Generic	Downshift Switch Circuit Intermittent/Erratic
P2783	Generic	Torque Converter Temperature Too High
P2784	Generic	Input/Turbine Speed Sensor "A"/"B" Correlation
P2785	Generic	Clutch Actuator Temperature Too High
P2786	Generic	Gear Shift Actuator Temperature Too High
P2787	Generic	Clutch Temperature Too High
P2788	Generic	Auto Shift Manual Adaptive Learning at Limit
P2789	Generic	Clutch "A" Adaptive Learning at Limit
P278A	Generic	Kick Down Switch Circuit
P278B	Generic	Kick Down Switch Circuit Range/Performance
P278C	Generic	Kick Down Switch Circuit Low
P278D	Generic	Kick Down Switch Circuit High
P278E	Generic	Kick Down Switch Circuit Intermittent/Erratic
P278F	Generic	Clutch "B" Adaptive Learning at Limit
P2790	Generic	Gate Select Direction Circuit
P2791	Generic	Gate Select Direction Circuit Low
P2792	Generic	Gate Select Direction Circuit High
P2793	Generic	Gear Shift Direction Circuit
P2794	Generic	Gear Shift Direction Circuit Low
P2795	Generic	Gear Shift Direction Circuit High
P2796	Generic	Auxiliary Transmission Fluid Pump Control Circuit/Open
P2797	Generic	Auxiliary Transmission Fluid Pump Performance
P2798	Generic	Auxiliary Transmission Fluid Pump Control Circuit Low
P2799	Generic	Auxiliary Transmission Fluid Pump Control Circuit High
P279A	Generic	Transfer Case Gear High Incorrect Ratio
P279B	Generic	Transfer Case Gear Low Incorrect Ratio
P279C	Generic	Transfer Case Gear Neutral Incorrect Ratio
P279D	Generic	Four Wheel Drive (4WD) Range Signal Circuit
P279E	Generic	Four Wheel Drive (4WD) Range Signal Circuit Range/Performance
P279F	Generic	Four Wheel Drive (4WD) Range Signal Circuit Low
P27A0	Generic	Four Wheel Drive (4WD) Range Signal Circuit High
P2800	Generic	Transmission Range Sensor "B" Circuit (PRNDL Input)
P2801	Generic	Transmission Range Sensor "B" Circuit Range/Performance
P2802	Generic	Transmission Range Sensor "B" Circuit Low
P2803	Generic	Transmission Range Sensor "B" Circuit High
P2804	Generic	Transmission Range Sensor "B" Circuit Intermittent
P2805	Generic	Transmission Range Sensor "A"/"B" Correlation
P2806	Generic	Transmission Range Sensor Alignment
P2807	Generic	Pressure Control Solenoid "G"
P2808	Generic	Pressure Control Solenoid "G" Performance/Stuck Off
P2809	Generic	Pressure Control Solenoid "G" Stuck On
P280A	Generic	Transmission Range Sensor "A" Circuit Not Learned
P280B	Generic	Transmission Range Sensor "B" Circuit Not Learned

P2810	Generic	Pressure Control Solenoid "G" Electrical
P2811	Generic	Pressure Control Solenoid "G" Intermittent
P2812	Generic	Pressure Control Solenoid "G" Control Circuit/Open
P2813	Generic	Pressure Control Solenoid "G" Control Circuit Range/Performance
P2814	Generic	Pressure Control Solenoid "G" Control Circuit Low
P2815	Generic	Pressure Control Solenoid "G" Control Circuit High
P2816	Generic	Pressure Control Solenoid "H"
P2817	Generic	Pressure Control Solenoid "H" Performance/Stuck Off
P2818	Generic	Pressure Control Solenoid "H" Stuck On
P2819	Generic	Pressure Control Solenoid "H" Electrical
P281A	Generic	Pressure Control Solenoid "H" Intermittent
P281B	Generic	Pressure Control Solenoid "H" Control Circuit/Open
P281C	Generic	Pressure Control Solenoid "H" Control Circuit Range/Performance
P281D	Generic	Pressure Control Solenoid "H" Control Circuit Low
P281E	Generic	Pressure Control Solenoid "H" Control Circuit High
P281F	Generic	Pressure Control Solenoid "J"
P2820	Generic	Pressure Control Solenoid "J" Performance/Stuck Off
P2821	Generic	Pressure Control Solenoid "J" Stuck On
P2822	Generic	Pressure Control Solenoid "J" Electrical
P2823	Generic	Pressure Control Solenoid "J" Intermittent
P2824	Generic	Pressure Control Solenoid "J" Control Circuit/Open
P2825	Generic	Pressure Control Solenoid "J" Control Circuit Range/Performance
P2826	Generic	Pressure Control Solenoid "J" Control Circuit Low
P2827	Generic	Pressure Control Solenoid "J" Control Circuit High
P2828	Generic	Pressure Control Solenoid "K"
P2829	Generic	Pressure Control Solenoid "K" Performance/Stuck Off
P282A	Generic	Pressure Control Solenoid "K" Stuck On
P282B	Generic	Pressure Control Solenoid "K" Electrical
P282C	Generic	Pressure Control Solenoid "K" Intermittent
P282D	Generic	Pressure Control Solenoid "K" Control Circuit/Open
P282E	Generic	Pressure Control Solenoid "K" Control Circuit Range/Performance
P282F	Generic	Pressure Control Solenoid "K" Control Circuit Low
P2830	Generic	Pressure Control Solenoid "K" Control Circuit High
P2831	Generic	Shift Fork "A" Position Circuit
P2832	Generic	Shift Fork "A" Position Circuit Range/Performance
P2833	Generic	Shift Fork "A" Position Circuit Low
P2834	Generic	Shift Fork "A" Position Circuit High
P2835	Generic	Shift Fork "A" Position Circuit Intermittent
P2836	Generic	Shift Fork "B" Position Circuit
P2837	Generic	Shift Fork "B" Position Circuit Range/Performance
P2838	Generic	Shift Fork "B" Position Circuit Low
P2839	Generic	Shift Fork "B" Position Circuit High
P283A	Generic	Shift Fork "B" Position Circuit Intermittent
P283B	Generic	Shift Fork "C" Position Circuit
P283C	Generic	Shift Fork "C" Position Circuit Range/Performance
P283D	Generic	Shift Fork "C" Position Circuit Low
P283E	Generic	Shift Fork "C" Position Circuit High
P283F	Generic	Shift Fork "C" Position Circuit Intermittent
P2840	Generic	Shift Fork "D" Position Circuit
P2841	Generic	Shift Fork "D" Position Circuit Range/Performance
P2842	Generic	Shift Fork "D" Position Circuit Low
P2843	Generic	Shift Fork "D" Position Circuit High
P2844	Generic	Shift Fork "D" Position Circuit Intermittent
P2845	Generic	Shift Fork "A" Position Sensor Incorrect Neutral Position Indicated
P2846	Generic	Shift Fork "B" Position Sensor Incorrect Neutral Position Indicated
P2847	Generic	Shift Fork "C" Position Sensor Incorrect Neutral Position Indicated
P2848	Generic	Shift Fork "D" Position Sensor Incorrect Neutral Position Indicated
P2849	Generic	Shift Fork "A" Stuck
P284A	Generic	Shift Fork "B" Stuck
P284B	Generic	Shift Fork "C" Stuck
P284C	Generic	Shift Fork "D" Stuck
P284D	Generic	Shift Fork "A" Unrequested Movement
P284E	Generic	Shift Fork "B" Unrequested Movement
P284F	Generic	Shift Fork "C" Unrequested Movement
P2850	Generic	Shift Fork "D" Unrequested Movement
P2851	Generic	Shift Fork Position Sensor "A"/"B" Correlation
P2852	Generic	Shift Fork Position Sensor "C"/"D" Correlation
P2853	Generic	Clutch "A" Pressure Discharge Performance
P2854	Generic	Clutch "B" Pressure Discharge Performance
P2855	Generic	Clutch "A" Pressure Charge Performance
P2856	Generic	Clutch "B" Pressure Charge Performance
P2857	Generic	Clutch "A" Pressure Engagement Performance
P2858	Generic	Clutch "B" Pressure Engagement Performance
P2859	Generic	Clutch "A" Pressure Disengagement Performance
P285A	Generic	Clutch "B" Pressure Disengagement Performance
P285B	Generic	Transmission shift fork actuator A open circuit
P285C	Generic	Transmission shift fork actuator A circuit performance
P285D	Generic	Transmission shift fork actuator A circuit low

P285E	Generic	Transmission shift fork actuator A circuit high
P285F	Generic	Transmission shift fork actuator B open circuit
P2860	Generic	Transmission shift fork actuator B circuit performance
P2861	Generic	Transmission shift fork actuator B circuit low
P2862	Generic	Transmission shift fork actuator B circuit high
P2A00	Generic	O2 Sensor Circuit Range/Performance Bank 1 Sensor 1
P2A01	Generic	O2 Sensor Circuit Range/Performance Bank 1 Sensor 2
P2A02	Generic	O2 Sensor Circuit Range/Performance Bank 1 Sensor 3
P2A03	Generic	O2 Sensor Circuit Range/Performance Bank 2 Sensor 1
P2A04	Generic	O2 Sensor Circuit Range/Performance Bank 2 Sensor 2
P2A05	Generic	O2 Sensor Circuit Range/Performance Bank 2 Sensor 3
P2A06	Generic	O2 Sensor Negative Voltage Bank 1 Sensor 1
P2A07	Generic	O2 Sensor Negative Voltage Bank 1 Sensor 2
P2A08	Generic	O2 Sensor Negative Voltage Bank 1 Sensor 3
P2A09	Generic	O2 Sensor Negative Voltage Bank 2 Sensor 1
P2A10	Generic	O2 Sensor Negative Voltage Bank 2 Sensor 2
P2A11	Generic	O2 Sensor Negative Voltage Bank 2 Sensor 3
P2BA7	Generic	NOx Exceedence - Empty Reagent Tank
P2BA8	Generic	NOx Exceedence - Interruption of Reagent Dosing Activity
P2BA9	Generic	NOx Exceedence - Insufficient Reagent Quality
P2BAA	Generic	NOx Exceedence - Low Reagent Consumption
P2BAB	Generic	NOx Exceedence - Incorrect EGR Flow
P2BAC	Generic	NOx Exceedence - Deactivation of EGR
P2BAD	Generic	NOx Exceedence - Root Cause Unknown
P2BAE	Generic	NOx Exceedence - NOx control monitoring system
P3400	Generic	Cylinder deactivation system bank 1
P3401	Generic	Deactivation/intake valve control cylinder 1 open circuit
P3402	Generic	Deactivation/intake valve control cylinder 1 circuit performance
P3403	Generic	Deactivation/intake valve control cylinder 1 circuit low
P3404	Generic	Deactivation/intake valve control cylinder 1 circuit high
P3405	Generic	Exhaust valve control cylinder 1 open circuit
P3406	Generic	Exhaust valve control cylinder 1 circuit performance
P3407	Generic	Exhaust valve control cylinder 1 circuit low
P3408	Generic	Exhaust valve control cylinder 1 circuit high
P3409	Generic	Deactivation/intake valve control cylinder 2 open circuit
P340A	Generic	Deactivation/intake valve control bank 1 circuit malfunction
P340B	Generic	Deactivation/intake valve control bank 2 circuit malfunction
P340C	Generic	Deactivation/exhaust valve control bank 1 circuit malfunction
P340D	Generic	Deactivation/exhaust valve control bank 2 circuit malfunction
P3410	Generic	Deactivation/intake valve control cylinder 2 circuit performance
P3411	Generic	Deactivation/intake valve control cylinder 2 circuit low
P3412	Generic	Deactivation/intake valve control cylinder 2 circuit high
P3413	Generic	Exhaust valve control cylinder 2 open circuit
P3414	Generic	Exhaust valve control cylinder 2 circuit performance
P3415	Generic	Exhaust valve control cylinder 2 circuit low
P3416	Generic	Exhaust valve control cylinder 2 circuit high
P3417	Generic	Deactivation/intake valve control cylinder 3 open circuit
P3418	Generic	Deactivation/intake valve control cylinder 3 circuit performance
P3419	Generic	Deactivation/intake valve control cylinder 3 circuit low
P341A	Generic	Deactivation/intake valve control bank 1 circuit performance problem
P341B	Generic	Deactivation/intake valve control bank 2 circuit performance problem
P341C	Generic	Deactivation/exhaust valve control bank 1 circuit performance problem
P341D	Generic	Deactivation/exhaust valve control bank 2 circuit performance problem
P3420	Generic	Deactivation/intake valve control cylinder 3 circuit high
P3421	Generic	Exhaust valve control cylinder 3 open circuit
P3422	Generic	Exhaust valve control cylinder 3 circuit performance
P3423	Generic	Exhaust valve control cylinder 3 circuit low
P3424	Generic	Exhaust valve control cylinder 3 circuit high
P3425	Generic	Deactivation/intake valve control cylinder 4 open circuit
P3426	Generic	Deactivation/intake valve control cylinder 4 circuit performance
P3427	Generic	Deactivation/intake valve control cylinder 4 circuit low
P3428	Generic	Deactivation/intake valve control cylinder 4 circuit high
P3429	Generic	Exhaust valve control cylinder 4 open circuit
P3430	Generic	Exhaust valve control cylinder 4 circuit performance
P3431	Generic	Exhaust valve control cylinder 4 circuit low
P3432	Generic	Exhaust valve control cylinder 4 circuit high
P3433	Generic	Deactivation/intake valve control cylinder 5 open circuit
P3434	Generic	Deactivation/intake valve control cylinder 5 circuit performance
P3435	Generic	Deactivation/intake valve control cylinder 5 circuit low
P3436	Generic	Deactivation/intake valve control cylinder 5 circuit high
P3437	Generic	Exhaust valve control cylinder 5 open circuit
P3438	Generic	Exhaust valve control cylinder 5 circuit performance
P3439	Generic	Exhaust valve control cylinder 5 circuit low
P3440	Generic	Exhaust valve control cylinder 5 circuit high
P3441	Generic	Deactivation/intake valve control open circuit
P3442	Generic	Deactivation/intake valve control cylinder 6 circuit performance
P3443	Generic	Deactivation/intake valve control cylinder 6 circuit low
P3444	Generic	Deactivation/intake valve control cylinder 6 circuit high

P3445	Generic	Exhaust valve control cylinder 6 open circuit
P3446	Generic	Exhaust valve control cylinder 6 circuit performance
P3447	Generic	Exhaust valve control cylinder 6 circuit low
P3448	Generic	Exhaust valve control cylinder 6 circuit high
P3449	Generic	Deactivation/intake valve control cylinder 7 open circuit
P3450	Generic	Deactivation/intake valve control cylinder 7 circuit performance
P3451	Generic	Deactivation/intake valve control cylinder 7 circuit low
P3452	Generic	Deactivation/intake valve control cylinder 7 circuit high
P3453	Generic	Exhaust valve control cylinder 7 open circuit
P3454	Generic	Exhaust valve control cylinder 7 circuit performance
P3455	Generic	Exhaust valve control cylinder 7 circuit low
P3456	Generic	Exhaust valve control cylinder 7 circuit high
P3457	Generic	Deactivation/intake valve control cylinder 8 open circuit
P3458	Generic	Deactivation/intake valve control cylinder 8 circuit performance
P3459	Generic	Deactivation/intake valve control cylinder 8 circuit low
P3460	Generic	Deactivation/intake valve control cylinder 8 circuit high
P3461	Generic	Exhaust valve control cylinder 8 open circuit
P3462	Generic	Exhaust valve control cylinder 8 circuit performance
P3463	Generic	Exhaust valve control cylinder 8 circuit low
P3464	Generic	Exhaust valve control cylinder 8 circuit high
P3465	Generic	Deactivation/intake valve control cylinder 9 open circuit
P3466	Generic	Deactivation/intake valve control cylinder 9 circuit performance
P3467	Generic	Deactivation/intake valve control cylinder 9 circuit low
P3468	Generic	Deactivation/intake valve control cylinder 9 circuit high
P3469	Generic	Exhaust valve control cylinder 9 open circuit
P3470	Generic	Exhaust valve control cylinder 9 circuit performance
P3471	Generic	Exhaust valve control cylinder 9 circuit low
P3472	Generic	Exhaust valve control cylinder 9 circuit high
P3473	Generic	Deactivation/intake valve control cylinder 10 open circuit
P3474	Generic	Deactivation/intake valve control cylinder 10 circuit performance
P3475	Generic	Deactivation/intake valve control cylinder 10 circuit low
P3476	Generic	Deactivation/intake valve control cylinder 10 circuit high
P3477	Generic	Exhaust valve control cylinder 10 open circuit
P3478	Generic	Exhaust valve control cylinder 10 circuit performance
P3479	Generic	Exhaust valve control cylinder 10 circuit low
P3480	Generic	Exhaust valve control cylinder 10 circuit high
P3481	Generic	Deactivation/intake valve control cylinder 11 open circuit
P3482	Generic	Deactivation/intake valve control cylinder 11 circuit performance
P3483	Generic	Deactivation/intake valve control cylinder 11 circuit low
P3484	Generic	Deactivation/intake valve control cylinder 11 circuit high
P3485	Generic	Exhaust valve control cylinder 11 open circuit
P3486	Generic	Exhaust valve control cylinder 11 circuit performance
P3487	Generic	Exhaust valve control cylinder 11 circuit low
P3488	Generic	Exhaust valve control cylinder 11 circuit high
P3489	Generic	Deactivation/intake valve control cylinder 12 open circuit
P3490	Generic	Deactivation/intake valve control cylinder 12 circuit performance
P3491	Generic	Deactivation/intake valve control cylinder 12 circuit low
P3492	Generic	Deactivation/intake valve control cylinder 12 circuit high
P3493	Generic	Exhaust valve control cylinder 12 open circuit
P3494	Generic	Exhaust valve control cylinder 12 circuit performance
P3495	Generic	Exhaust valve control cylinder 12 circuit low
P3496	Generic	Exhaust valve control cylinder 12 circuit high
P3497	Generic	Cylinder deactivation system bank 2 -
U0001	Generic	High Speed CAN Communication Bus
U0002	Generic	High Speed CAN Communication Bus Performance
U0003	Generic	High Speed CAN Communication Bus (+) Open
U0004	Generic	High Speed CAN Communication Bus (+) Low
U0005	Generic	High Speed CAN Communication Bus (+) High
U0006	Generic	High Speed CAN Communication Bus (-) Open
U0007	Generic	High Speed CAN Communication Bus (-) Low
U0008	Generic	High Speed CAN Communication Bus (-) High
U0009	Generic	High Speed CAN Communication Bus (-) shorted to Bus (+)
U0010	Generic	Medium Speed CAN Communication Bus
U0011	Generic	Medium Speed CAN Communication Bus Performance
U0012	Generic	Medium Speed CAN Communication Bus (+) Open
U0013	Generic	Medium Speed CAN Communication Bus (+) Low
U0014	Generic	Medium Speed CAN Communication Bus (+) High
U0015	Generic	Medium Speed CAN Communication Bus (-) Open
U0016	Generic	Medium Speed CAN Communication Bus (-) Low
U0017	Generic	Medium Speed CAN Communication Bus (-) High
U0018	Generic	Medium Speed CAN Communication Bus (-) shorted to Bus (+)
U0019	Generic	Low Speed CAN Communication Bus
U0020	Generic	Low Speed CAN Communication Bus Performance
U0021	Generic	Low Speed CAN Communication Bus (+) Open
U0022	Generic	Low Speed CAN Communication Bus (+) Low
U0023	Generic	Low Speed CAN Communication Bus (+) High
U0024	Generic	Low Speed CAN Communication Bus (-) Open
U0025	Generic	Low Speed CAN Communication Bus (-) Low

U0026	Generic	Low Speed CAN Communication Bus (-) High
U0027	Generic	Low Speed CAN Communication Bus (-) shorted to Bus (+)
U0028	Generic	Vehicle Communication Bus A
U0029	Generic	Vehicle Communication Bus A Performance
U0030	Generic	Vehicle Communication Bus A (+) Open
U0031	Generic	Vehicle Communication Bus A (+) Low
U0032	Generic	Vehicle Communication Bus A (+) High
U0033	Generic	Vehicle Communication Bus A (-) Open
U0034	Generic	Vehicle Communication Bus A (-) Low
U0035	Generic	Vehicle Communication Bus A (-) High
U0036	Generic	Vehicle Communication Bus A (-) shorted to Bus A (+)
U0037	Generic	Vehicle Communication Bus B
U0038	Generic	Vehicle Communication Bus B Performance
U0039	Generic	Vehicle Communication Bus B (+) Open
U0040	Generic	Vehicle Communication Bus B (+) Low
U0041	Generic	Vehicle Communication Bus B (+) High
U0042	Generic	Vehicle Communication Bus B (-) Open
U0043	Generic	Vehicle Communication Bus B (-) Low
U0044	Generic	Vehicle Communication Bus B (-) High
U0045	Generic	Vehicle Communication Bus B (-) shorted to Bus B (+)
U0046	Generic	Vehicle Communication Bus C
U0047	Generic	Vehicle Communication Bus C Performance
U0048	Generic	Vehicle Communication Bus C (+) Open
U0049	Generic	Vehicle Communication Bus C (+) Low
U0050	Generic	Vehicle Communication Bus C (+) High
U0051	Generic	Vehicle Communication Bus C (-) Open
U0052	Generic	Vehicle Communication Bus C (-) Low
U0053	Generic	Vehicle Communication Bus C (-) High
U0054	Generic	Vehicle Communication Bus C (-) shorted to Bus C (+)
U0055	Generic	Vehicle Communication Bus D
U0056	Generic	Vehicle Communication Bus D Performance
U0057	Generic	Vehicle Communication Bus D (+) Open
U0058	Generic	Vehicle Communication Bus D (+) Low
U0059	Generic	Vehicle Communication Bus D (+) High
U0060	Generic	Vehicle Communication Bus D (-) Open
U0061	Generic	Vehicle Communication Bus D (-) Low
U0062	Generic	Vehicle Communication Bus D (-) High
U0063	Generic	Vehicle Communication Bus D (-) shorted to Bus D (+)
U0064	Generic	Vehicle Communication Bus E
U0065	Generic	Vehicle Communication Bus E Performance
U0066	Generic	Vehicle Communication Bus E (+) Open
U0067	Generic	Vehicle Communication Bus E (+) Low
U0068	Generic	Vehicle Communication Bus E (+) High
U0069	Generic	Vehicle Communication Bus E (-) Open
U0070	Generic	Vehicle Communication Bus E (-) Low
U0071	Generic	Vehicle Communication Bus E (-) High
U0072	Generic	Vehicle Communication Bus E (-) shorted to Bus E (+)
U0073	Generic	Control Module Communication Bus "A" Off
U0074	Generic	Control Module Communication Bus "B" Off
U0080	Generic	Vehicle area network (VAN) data bus F
U0081	Generic	Vehicle area network (VAN) data bus F - performance problem
U0082	Generic	Vehicle area network (VAN) data bus F (+) - open circuit
U0083	Generic	Vehicle area network (VAN) data bus F (+) - voltage low
U0084	Generic	Vehicle area network (VAN) data bus F (+) - voltage high
U0085	Generic	Vehicle area network (VAN) data bus F (-) - open circuit
U0086	Generic	Vehicle area network (VAN) data bus F (-) - voltage low
U0087	Generic	Vehicle area network (VAN) data bus F (-) - voltage high
U0088	Generic	Vehicle area network (VAN) data bus F (-) - shorted to data bus F (+)
U0100	Generic	Lost Communication With ECM/PCM "A"
U0101	Generic	Lost Communication with TCM
U0102	Generic	Lost Communication with Transfer Case Control Module
U0103	Generic	Lost Communication With Gear Shift Control Module "A"
U0104	Generic	Lost Communication With Cruise Control Module
U0105	Generic	Lost Communication With Fuel Injector Control Module
U0106	Generic	Lost Communication With Glow Plug Control Module
U0107	Generic	Lost Communication With Throttle Actuator Control Module
U0108	Generic	Lost Communication With Alternative Fuel Control Module
U0109	Generic	Lost Communication With Fuel Pump Control Module
U010A	Generic	Lost Communication With Exhaust Gas Recirculation Control Module "A"
U010B	Generic	Lost Communication With Exhaust Gas Recirculation Control Module "B"
U010C	Generic	Lost Communication With Turbocharger/Supercharger Control Module "A"
U010D	Generic	Lost Communication With Turbocharger/Supercharger Control Module "B"
U010E	Generic	Lost Communication With Reductant Control Module
U010F	Generic	Lost Communication With Air Conditioning Control Module
U0110	Generic	Lost Communication With Drive Motor Control Module "A"
U0111	Generic	Lost Communication With Battery Energy Control Module "A"
U0112	Generic	Lost Communication With Battery Energy Control Module "B"
U0113	Generic	Lost Communication With Emissions Critical Control Information

U0114	Generic	Lost Communication With Four-Wheel Drive Clutch Control Module
U0115	Generic	Lost Communication With ECM/PCM "B"
U0116	Generic	Lost Communication With Coolant Temperature Control Module
U0117	Generic	Lost Communication With PTO Control Module
U0118	Generic	Lost Communication With Fuel Additive Control Module
U0119	Generic	Lost Communication With Fuel Cell Control Module
U011A	Generic	Lost Communication With Exhaust Gas Sensor Module
U011B	Generic	Lost Communication With Rocker Arm Control Module "A"
U011C	Generic	Lost Communication With Rocker Arm Control Module "B"
U011D	Generic	Lost Communication With All Wheel Drive Control Module
U011E	Generic	Lost communication with electronic throttle system (ETS) control module B
U0120	Generic	Lost Communication With Starter / Generator Control Module
U0121	Generic	Lost Communication With Anti-Lock Brake System (ABS) Control Module
U0122	Generic	Lost Communication With Vehicle Dynamics Control Module
U0123	Generic	Lost Communication With Yaw Rate Sensor Module
U0124	Generic	Lost Communication With Lateral Acceleration Sensor Module
U0125	Generic	Lost Communication With Multi-axis Acceleration Sensor Module
U0126	Generic	Lost Communication With Steering Angle Sensor Module
U0127	Generic	Lost Communication With Tire Pressure Monitor Module
U0128	Generic	Lost Communication With Park Brake Control Module
U0129	Generic	Lost Communication With Brake System Control Module
U012A	Generic	Lost communication with chassis control module A
U012B	Generic	Lost communication with chassis control module B
U012C	Generic	Lost communication with active vibration control module
U0130	Generic	Lost Communication With Steering Effort Control Module
U0131	Generic	Lost Communication With Power Steering Control Module
U0132	Generic	Lost Communication With Suspension Control Module "A"
U0133	Generic	Lost Communication With Active Roll Control Module
U0134	Generic	Lost Communication With Power Steering Control Module Rear
U0135	Generic	Lost Communication With Differential Control Module Front
U0136	Generic	Lost Communication With Differential Control Module Rear
U0137	Generic	Lost Communication With Trailer Brake Control Module
U0138	Generic	Lost Communication With All Terrain Control Module
U0139	Generic	Lost Communication With Suspension Control Module "B"
U0140	Generic	Lost Communication With Body Control Module
U0141	Generic	Lost Communication With Body Control Module "A"
U0142	Generic	Lost Communication With Body Control Module "B"
U0143	Generic	Lost Communication With Body Control Module "C"
U0144	Generic	Lost Communication With Body Control Module "D"
U0145	Generic	Lost Communication With Body Control Module "E"
U0146	Generic	Lost Communication With Gateway "A"
U0147	Generic	Lost Communication With Gateway "B"
U0148	Generic	Lost Communication With Gateway "C"
U0149	Generic	Lost Communication With Gateway "D"
U0150	Generic	Lost Communication With Gateway "E"
U0151	Generic	Lost Communication With Restraints Control Module
U0152	Generic	Lost Communication With Side Restraints Control Module Left
U0153	Generic	Lost Communication With Side Restraints Control Module Right
U0154	Generic	Lost Communication With Restraints Occupant Classification System Module
U0155	Generic	Lost Communication With Instrument Panel Cluster (IPC) Control Module
U0156	Generic	Lost Communication With Information Center "A"
U0157	Generic	Lost Communication With Information Center "B"
U0158	Generic	Lost Communication With Head Up Display
U0159	Generic	Lost Communication With Parking Assist Control Module "A"
U0160	Generic	Lost Communication With Audible Alert Control Module
U0161	Generic	Lost Communication With Compass Module
U0162	Generic	Lost Communication With Navigation Display Module
U0163	Generic	Lost Communication With Navigation Control Module
U0164	Generic	Lost Communication With HVAC Control Module
U0165	Generic	Lost Communication With HVAC Control Module Rear
U0166	Generic	Lost Communication With Auxiliary Heater Control Module
U0167	Generic	Lost Communication With Vehicle Immobilizer Control Module
U0168	Generic	Lost Communication With Vehicle Security Control Module
U0169	Generic	Lost Communication With Sunroof Control Module
U016A	Generic	Lost Communication With Global Positioning System Module
U016B	Generic	Lost communication with electric AC compressor control module
U016C	Generic	Lost communication with fuel pump control module B
U0170	Generic	Lost Communication With "Restraints System Sensor A"
U0171	Generic	Lost Communication With "Restraints System Sensor B"
U0172	Generic	Lost Communication With "Restraints System Sensor C"
U0173	Generic	Lost Communication With "Restraints System Sensor D"
U0174	Generic	Lost Communication With "Restraints System Sensor E"
U0175	Generic	Lost Communication With "Restraints System Sensor F"
U0176	Generic	Lost Communication With "Restraints System Sensor G"
U0177	Generic	Lost Communication With "Restraints System Sensor H"
U0178	Generic	Lost Communication With "Restraints System Sensor I"
U0179	Generic	Lost Communication With "Restraints System Sensor J"
U017A	Generic	Lost Communication With "Restraints System Sensor K"

U017B	Generic	Lost Communication With "Restraints System Sensor L"
U017C	Generic	Lost Communication With "Restraints System Sensor M"
U017D	Generic	Lost Communication With "Restraints System Sensor N"
U017E	Generic	Lost Communication With Seatbelt Pretensioner Module "A"
U017F	Generic	Lost Communication With Seatbelt Pretensioner Module "B"
U0180	Generic	Lost Communication With Automatic Lighting Control Module
U0181	Generic	Lost Communication With Headlamp Leveling Control Module
U0182	Generic	Lost Communication With Lighting Control Module Front
U0183	Generic	Lost Communication With Lighting Control Module Rear "A"
U0184	Generic	Lost Communication With Radio
U0185	Generic	Lost Communication With Antenna Control Module
U0186	Generic	Lost Communication With Audio Amplifier "A"
U0187	Generic	Lost Communication With Digital Disc Player/Changer Module "A"
U0188	Generic	Lost Communication With Digital Disc Player/Changer Module "B"
U0189	Generic	Lost Communication With Digital Disc Player/Changer Module "C"
U0190	Generic	Lost Communication With Digital Disc Player/Changer Module "D"
U0191	Generic	Lost Communication With Television
U0192	Generic	Lost Communication With Personal Computer
U0193	Generic	Lost Communication With "Digital Audio Control Module A"
U0194	Generic	Lost Communication With "Digital Audio Control Module B"
U0195	Generic	Lost Communication With Subscription Entertainment Receiver Module
U0196	Generic	Lost Communication With Entertainment Control Module Rear "A"
U0197	Generic	Lost Communication With Telephone Control Module
U0198	Generic	Lost Communication With Telematic Control Module
U0199	Generic	Lost Communication With "Door Control Module A"
U0200	Generic	Lost Communication With "Door Control Module B"
U0201	Generic	Lost Communication With "Door Control Module C"
U0202	Generic	Lost Communication With "Door Control Module D"
U0203	Generic	Lost Communication With "Door Control Module E"
U0204	Generic	Lost Communication With "Door Control Module F"
U0205	Generic	Lost Communication With "Door Control Module G"
U0206	Generic	Lost Communication With Folding Top Control Module
U0207	Generic	Lost Communication With Moveable Roof Control Module
U0208	Generic	Lost Communication With "Seat Control Module A"
U0209	Generic	Lost Communication With "Seat Control Module B"
U0210	Generic	Lost Communication With "Seat Control Module C"
U0211	Generic	Lost Communication With "Seat Control Module D"
U0212	Generic	Lost Communication With Steering Column Control Module
U0213	Generic	Lost Communication With Mirror Control Module
U0214	Generic	Lost Communication With Remote Function Actuation
U0215	Generic	Lost Communication With "Door Switch A"
U0216	Generic	Lost Communication With "Door Switch B"
U0217	Generic	Lost Communication With "Door Switch C"
U0218	Generic	Lost Communication With "Door Switch D"
U0219	Generic	Lost Communication With "Door Switch E"
U0220	Generic	Lost Communication With "Door Switch F"
U0221	Generic	Lost Communication With "Door Switch G"
U0222	Generic	Lost Communication With "Door Window Motor A"
U0223	Generic	Lost Communication With "Door Window Motor B"
U0224	Generic	Lost Communication With "Door Window Motor C"
U0225	Generic	Lost Communication With "Door Window Motor D"
U0226	Generic	Lost Communication With "Door Window Motor E"
U0227	Generic	Lost Communication With "Door Window Motor F"
U0228	Generic	Lost Communication With "Door Window Motor G"
U0229	Generic	Lost Communication With Heated Steering Wheel Module
U0230	Generic	Lost Communication With Rear Gate Module
U0231	Generic	Lost Communication With Rain Sensing Module
U0232	Generic	Lost Communication With Side Obstacle Detection Control Module Left
U0233	Generic	Lost Communication With Side Obstacle Detection Control Module Right
U0234	Generic	Lost Communication With Convenience Recall Module
U0235	Generic	Lost Communication With Cruise Control Front Distance Range Sensor Single Sensor or Center
U0236	Generic	Lost Communication With Column Lock Module
U0237	Generic	Lost Communication With "Digital Audio Control Module C"
U0238	Generic	Lost Communication With "Digital Audio Control Module D"
U0239	Generic	Lost Communication With Entrapment Control Module "A"
U023A	Generic	Lost Communication With Image Processing Module "A"
U023B	Generic	Lost Communication With Image Processing Module "B"
U023C	Generic	Lost Communication With Image Processing Module "C"
U023D	Generic	Lost Communication With Cruise Control Front Distance Range Sensor Left
U023E	Generic	Lost Communication With Cruise Control Front Distance Range Sensor Right
U0240	Generic	Lost Communication With Entrapment Control Module "B"
U0241	Generic	Lost Communication With Headlamp Control Module "A"
U0242	Generic	Lost Communication With Headlamp Control Module "B"
U0243	Generic	Lost Communication With Parking Assist Control Module "B"
U0244	Generic	Lost Communication With Running Board Control Module "A"
U0245	Generic	Lost Communication With Entertainment Control Module Front
U0246	Generic	Lost Communication With "Seat Control Module E"
U0247	Generic	Lost Communication With "Seat Control Module F"

U0248	Generic	Lost Communication With Remote Accessory Module
U0249	Generic	Lost Communication With Entertainment Control Module Rear "B"
U024A	Generic	Lost Communication With Interior Lighting Control Module
U024B	Generic	Lost communication with seat control module G
U024C	Generic	Lost communication with seat control module H
U0250	Generic	Lost Communication With Impact Classification System Module
U0251	Generic	Lost Communication With Running Board Control Module "B"
U0252	Generic	Lost Communication With Lighting Control Module Rear "B"
U0253	Generic	Lost Communication With Accessory Protocol Interface Module
U0254	Generic	Lost Communication With Remote Start Module
U0255	Generic	Lost Communication With Front Display Interface Module
U0256	Generic	Lost Communication With Front Controls Interface Module "A"
U0257	Generic	Lost Communication With Front Controls/Display Interface Module
U0258	Generic	Lost Communication With Radio Transceiver
U0259	Generic	Lost Communication With Special Purpose Vehicle Control Module "A"
U025A	Generic	Lost Communication With Special Purpose Vehicle Control Module "B"
U025B	Generic	Lost Communication With Special Purpose Vehicle Control Module "C"
U025C	Generic	Lost Communication With Special Purpose Vehicle Control Module "D"
U025D	Generic	Lost Communication With Front Controls Interface Module "B"
U0260	Generic	Lost Communication With Seat Control Switch Module "A"
U0261	Generic	Lost Communication With Seat Control Switch Module "B"
U0262	Generic	Lost Communication With Audio Amplifier "B"
U0263	Generic	Lost Communication With Speech Recognition Module
U0264	Generic	Lost Communication With Camera Module Rear
U0286	Generic	Lost Communication With Radiator Anti Tamper Device
U0287	Generic	Lost Communication With Transmission Fluid Pump Module
U0288	Generic	Lost Communication With DC to AC Converter Control Module "A"
U0289	Generic	Lost Communication With DC to AC Converter Control Module "B"
U0291	Generic	Lost Communication With Gear Shift Control Module "B"
U0292	Generic	Lost Communication With Drive Motor Control Module "B"
U0293	Generic	Lost Communication With Hybrid Powertrain Control Module
U0294	Generic	Lost Communication With Powertrain Control Monitor Module
U0295	Generic	Lost Communication With AC to AC Converter Control Module
U0296	Generic	Lost Communication With AC to DC Converter Control Module "A"
U0297	Generic	Lost Communication With AC to DC Converter Control Module "B"
U0298	Generic	Lost Communication With DC to DC Converter Control Module "A"
U0299	Generic	Lost Communication With DC to DC Converter Control Module "B"
U029A	Generic	Lost Communication With Hybrid Battery Pack Sensor Module
U029B	Generic	Lost Communication With Drive Motor Control Module "C"
U029C	Generic	Lost Communication With Drive Motor Control Module "D"
U029D	Generic	Lost Communication With NOX Sensor "A"
U029E	Generic	Lost Communication With NOX Sensor "B"
U029F	Generic	Lost communication with evaporative emission EVAP leak detection system control module
U0300	Generic	Internal Control Module Software Incompatibility
U0301	Generic	Software Incompatibility With ECM/PCM
U0302	Generic	Software Incompatibility With Transmission Control Module
U0303	Generic	Software Incompatibility With Transfer Case Control Module
U0304	Generic	Software Incompatibility With Gear Shift Control Module "A"
U0305	Generic	Software Incompatibility With Cruise Control Module
U0306	Generic	Software Incompatibility With Fuel Injector Control Module
U0307	Generic	Software Incompatibility With Glow Plug Control Module
U0308	Generic	Software Incompatibility With Throttle Actuator Control Module
U0309	Generic	Software Incompatibility With Alternative Fuel Control Module
U0310	Generic	Software Incompatibility With Fuel Pump Control Module
U0311	Generic	Software Incompatibility With Drive Motor Control Module
U0312	Generic	Software Incompatibility With Battery Energy Control Module A
U0313	Generic	Software Incompatibility With Battery Energy Control Module B
U0314	Generic	Software Incompatibility With Four-Wheel Drive Clutch Control Module
U0315	Generic	Software Incompatibility With Anti-Lock Brake System Control Module
U0316	Generic	Software Incompatibility With Vehicle Dynamics Control Module
U0317	Generic	Software Incompatibility With Park Brake Control Module
U0318	Generic	Software Incompatibility With Brake System Control Module
U0319	Generic	Software Incompatibility With Steering Effort Control Module
U0320	Generic	Software Incompatibility With Power Steering Control Module
U0321	Generic	Software Incompatibility With Suspension Control Module "A"
U0322	Generic	Software Incompatibility With Body Control Module
U0323	Generic	Software Incompatibility With Instrument Panel Control Module
U0324	Generic	Software Incompatibility With HVAC Control Module
U0325	Generic	Software Incompatibility With Auxiliary Heater Control Module
U0326	Generic	Software Incompatibility With Vehicle Immobilizer Control Module
U0327	Generic	Software Incompatibility With Vehicle Security Control Module
U0328	Generic	Software Incompatibility With Steering Angle Sensor Module
U0329	Generic	Software Incompatibility With Steering Column Control Module
U0330	Generic	Software Incompatibility With Tire Pressure Monitor Module
U0331	Generic	Software Incompatibility With Body Control Module "A"
U0332	Generic	Software Incompatibility With Multi-axis Acceleration Sensor Module
U0333	Generic	Software Incompatibility With Gear Shift Control Module "B"
U0334	Generic	Software Incompatibility With Radio

U0335	Generic	Software Incompatibility With Hybrid Battery Pack Sensor Module
U0336	Generic	Software Incompatibility with Restraints Control Module
U0400	Generic	Invalid Data Received
U0401	Generic	Invalid Data Received From ECM/PCM "A"
U0402	Generic	Invalid Data Received From TCM
U0403	Generic	Invalid Data Received From Transfer Case Control Module
U0404	Generic	Invalid Data Received From Gear Shift Control Module "A"
U0405	Generic	Invalid Data Received From Cruise Control Module
U0406	Generic	Invalid Data Received From Fuel Injector Control Module
U0407	Generic	Invalid Data Received From Glow Plug Control Module
U0408	Generic	Invalid Data Received From Throttle Actuator Control Module
U0409	Generic	Invalid Data Received From Alternative Fuel Control Module
U040A	Generic	Invalid Data Received From Air Conditioning Control Module
U040B	Generic	Invalid Data Received From Exhaust Gas Recirculation Control Module "A"
U040C	Generic	Invalid Data Received From Exhaust Gas Recirculation Control Module "B"
U040D	Generic	Invalid Data Received From Turbocharger/Supercharger Control Module "A"
U040E	Generic	Invalid Data Received From Turbocharger/Supercharger Control Module "B"
U040F	Generic	Invalid Data Received From Reductant Control Module
U0410	Generic	Invalid Data Received From Fuel Pump Control Module
U0411	Generic	Invalid Data Received From Drive Motor Control Module "A"
U0412	Generic	Invalid Data Received From Battery Energy Control Module "A"
U0413	Generic	Invalid Data Received From Battery Energy Control Module "B"
U0414	Generic	Invalid Data Received From Four-Wheel Drive Clutch Control Module
U0415	Generic	Invalid Data Received From Anti-Lock Brake System (ABS) Control Module
U0416	Generic	Invalid Data Received From Vehicle Dynamics Control Module
U0417	Generic	Invalid Data Received From Park Brake Control Module
U0418	Generic	Invalid Data Received From Brake System Control Module
U0419	Generic	Invalid Data Received From Steering Effort Control Module
U041B	Generic	Invalid Data Received From Exhaust Gas Sensor Module
U041C	Generic	Invalid Data Received From Rocker Arm Control Module "A"
U041D	Generic	Invalid Data Received From Rocker Arm Control Module "B"
U041E	Generic	Invalid Data Received From All Wheel Drive Control Module
U041F	Generic	Invalid data received from electronic throttle system (ETS) control module B
U0420	Generic	Invalid Data Received From Power Steering Control Module
U0421	Generic	Invalid Data Received From Suspension Control Module "A"
U0422	Generic	Invalid Data Received From Body Control Module
U0423	Generic	Invalid Data Received From Instrument Panel Cluster Control Module
U0424	Generic	Invalid Data Received From HVAC Control Module
U0425	Generic	Invalid Data Received From Auxiliary Heater Control Module
U0426	Generic	Invalid Data Received From Vehicle Immobilizer Control Module
U0427	Generic	Invalid Data Received From Vehicle Security Control Module
U0428	Generic	Invalid Data Received From Steering Angle Sensor Module
U0429	Generic	Invalid Data Received From Steering Column Control Module
U042B	Generic	Invalid data received from chassis control module A
U042C	Generic	Invalid data received from chassis control module B
U042D	Generic	Invalid data received from active vibration control module
U0430	Generic	Invalid Data Received From Tire Pressure Monitor Module
U0431	Generic	Invalid Data Received From Body Control Module "A"
U0432	Generic	Invalid Data Received From Multi-axis Acceleration Sensor Module
U0433	Generic	Invalid Data Received From Cruise Control Front Distance Range Sensor Single Sensor or Center
U0434	Generic	Invalid Data Received From Active Roll Control Module
U0435	Generic	Invalid Data Received From Power Steering Control Module Rear
U0436	Generic	Invalid Data Received From Differential Control Module Front
U0437	Generic	Invalid Data Received From Differential Control Module Rear
U0438	Generic	Invalid Data Received From Trailer Brake Control Module
U0439	Generic	Invalid Data Received From All Terrain Control Module
U043A	Generic	Invalid Data Received From Suspension Control Module "B"
U043B	Generic	Invalid Data Received From Cruise Control Front Distance Range Sensor Left
U043C	Generic	Invalid Data Received From Cruise Control Front Distance Range Sensor Right
U0441	Generic	Invalid Data Received From Emissions Critical Control Information
U0442	Generic	Invalid Data Received From ECM/PCM "B"
U0443	Generic	Invalid Data Received From Body Control Module "B"
U0444	Generic	Invalid Data Received From Body Control Module "C"
U0445	Generic	Invalid Data Received From Body Control Module "D"
U0446	Generic	Invalid Data Received From Body Control Module "E"
U0447	Generic	Invalid Data Received From Gateway "A"
U0448	Generic	Invalid Data Received From Gateway "B"
U0449	Generic	Invalid Data Received From Gateway "C"
U044A	Generic	Invalid Data Received From Gateway "D"
U0450	Generic	Invalid data received from gateway D
U0451	Generic	Invalid Data Received From Gateway "E"
U0452	Generic	Invalid Data Received From Restraints Control Module
U0453	Generic	Invalid data received from side supplementary restraint system (SRS) control module left
U0454	Generic	Invalid data received from side supplementary restraint system (SRS) control module right
U0455	Generic	Invalid data received from restraints occupant classification system module
U0456	Generic	Invalid data received from coolant temperature control module
U0457	Generic	Invalid Data Received From Information Center "A"
U0458	Generic	Invalid Data Received From Information Center "B"

U0459	Generic	Invalid Data Received From Head Up Display
U045A	Generic	Invalid Data Received From Parking Assist Control Module "A"
U0461	Generic	Invalid Data Received From Audible Alert Control Module
U0462	Generic	Invalid Data Received From Compass Module
U0463	Generic	Invalid Data Received From Navigation Display Module
U0464	Generic	Invalid Data Received From Navigation Control Module
U0465	Generic	Invalid Data Received From PTO Control Module
U0466	Generic	Invalid Data Received From HVAC Control Module Rear
U0467	Generic	Invalid Data Received From Fuel Additive Control Module
U0468	Generic	Invalid Data Received From Fuel Cell Control Module
U0469	Generic	Invalid Data Received From Starter / Generator Control Module
U046A	Generic	Invalid Data Received From Sunroof Control Module
U046B	Generic	Invalid Data Received From Global Positioning System Module
U046C	Generic	Invalid data received from electric AC compressor control module
U046D	Generic	Invalid data received from fuel pump control module B
U0471	Generic	Invalid Data Received From "Restraints System Sensor A"
U0472	Generic	Invalid Data Received From "Restraints System Sensor B"
U0473	Generic	Invalid Data Received From "Restraints System Sensor C"
U0474	Generic	Invalid Data Received From "Restraints System Sensor D"
U0475	Generic	Invalid Data Received From "Restraints System Sensor E"
U0476	Generic	Invalid Data Received From "Restraints System Sensor F"
U0477	Generic	Invalid Data Received From "Restraints System Sensor G"
U0478	Generic	Invalid Data Received From "Restraints System Sensor H"
U0479	Generic	Invalid Data Received From "Restraints System Sensor I"
U047A	Generic	Invalid Data Received From "Restraints System Sensor J"
U047B	Generic	Invalid Data Received From "Restraints System Sensor K"
U047C	Generic	Invalid Data Received From "Restraints System Sensor L"
U047D	Generic	Invalid Data Received From "Restraints System Sensor M"
U047E	Generic	Invalid Data Received From "Restraints System Sensor N"
U047F	Generic	Invalid Data Received From Seatbelt Pretensioner Module "A"
U0480	Generic	Invalid Data Received From Seatbelt Pretensioner Module "B"
U0481	Generic	Invalid Data Received From Automatic Lighting Control Module
U0482	Generic	Invalid Data Received From Headlamp Leveling Control Module
U0483	Generic	Invalid Data Received From Lighting Control Module Front
U0484	Generic	Invalid Data Received From Lighting Control Module Rear "A"
U0485	Generic	Invalid Data Received From Radio
U0486	Generic	Invalid Data Received From Antenna Control Module
U0487	Generic	Invalid Data Received From Audio Amplifier "A"
U0488	Generic	Invalid Data Received From Digital Disc Player/Changer Module "A"
U0489	Generic	Invalid Data Received From Digital Disc Player/Changer Module "B"
U048A	Generic	Invalid Data Received From Digital Disc Player/Changer Module "C"
U0491	Generic	Invalid Data Received From Digital Disc Player/Changer Module "D"
U0492	Generic	Invalid Data Received From Television
U0493	Generic	Invalid Data Received From Personal Computer
U0494	Generic	Invalid Data Received From "Digital Audio Control Module A"
U0495	Generic	Invalid Data Received From "Digital Audio Control Module B"
U0496	Generic	Invalid Data Received From Subscription Entertainment Receiver Module
U0497	Generic	Invalid Data Received From Entertainment Control Module Rear "A"
U0498	Generic	Invalid Data Received From Telephone Control Module
U0499	Generic	Invalid Data Received From Telematic Control Module
U049A	Generic	Invalid Data Received From "Door Control Module A"
U0501	Generic	Invalid Data Received From "Door Control Module B"
U0502	Generic	Invalid Data Received From "Door Control Module C"
U0503	Generic	Invalid Data Received From "Door Control Module D"
U0504	Generic	Invalid Data Received From "Door Control Module E"
U0505	Generic	Invalid Data Received From "Door Control Module F"
U0506	Generic	Invalid Data Received From "Door Control Module G"
U0507	Generic	Invalid Data Received From Folding Top Control Module
U0508	Generic	Invalid Data Received From Moveable Roof Control Module
U0509	Generic	Invalid Data Received From "Seat Control Module A"
U050A	Generic	Invalid Data Received From "Seat Control Module B"
U0511	Generic	Invalid Data Received From "Seat Control Module C"
U0512	Generic	Invalid Data Received From "Seat Control Module D"
U0513	Generic	Invalid Data Received From Yaw Rate Sensor Module
U0514	Generic	Invalid Data Received From Mirror Control Module
U0515	Generic	Invalid Data Received From Remote Function Actuation
U0516	Generic	Invalid Data Received From "Door Switch A"
U0517	Generic	Invalid Data Received From "Door Switch B"
U0518	Generic	Invalid Data Received From "Door Switch C"
U0519	Generic	Invalid Data Received From "Door Switch D"
U051A	Generic	Invalid Data Received From "Door Switch E"
U0521	Generic	Invalid Data Received From "Door Switch F"
U0522	Generic	Invalid Data Received From "Door Switch G"
U0523	Generic	Invalid Data Received From "Door Window Motor A"
U0524	Generic	Invalid Data Received From "Door Window Motor B"
U0525	Generic	Invalid Data Received From "Door Window Motor C"
U0526	Generic	Invalid Data Received From "Door Window Motor D"
U0527	Generic	Invalid Data Received From "Door Window Motor E"

U0528	Generic	Invalid Data Received From "Door Window Motor F"
U0529	Generic	Invalid Data Received From "Door Window Motor G"
U052A	Generic	Invalid Data Received From Heated Steering Wheel Module
U0531	Generic	Invalid Data Received From Rear Gate Module
U0532	Generic	Invalid Data Received From Rain Sensing Module
U0533	Generic	Invalid Data Received From Side Obstacle Detection Control Module Left
U0534	Generic	Invalid Data Received From Side Obstacle Detection Control Module Right
U0535	Generic	Invalid Data Received From Convenience Recall Module
U0536	Generic	Invalid Data Received From Lateral Acceleration Sensor Module
U0537	Generic	Invalid Data Received From Column Lock Module
U0538	Generic	Invalid Data Received From "Digital Audio Control Module C"
U0539	Generic	Invalid Data Received From "Digital Audio Control Module D"
U053A	Generic	Invalid Data Received From Entrapment Control Module "A"
U053B	Generic	Invalid Data Received From Image Processing Module "A"
U053C	Generic	Invalid Data Received From Image Processing Module "B"
U053D	Generic	Invalid Data Received From Image Processing Module "C"
U0541	Generic	Invalid Data Received From Entrapment Control Module "B"
U0542	Generic	Invalid Data Received From Headlamp Control Module "A"
U0543	Generic	Invalid Data Received From Headlamp Control Module "B"
U0544	Generic	Invalid Data Received From Parking Assist Control Module "B"
U0545	Generic	Invalid Data Received From Running Board Control Module
U0546	Generic	Invalid Data Received From Entertainment Control Module Front
U0547	Generic	Invalid Data Received From "Seat Control Module E"
U0548	Generic	Invalid Data Received From "Seat Control Module F"
U0549	Generic	Invalid Data Received From Remote Accessory Module
U054A	Generic	Invalid Data Received From Entertainment Control Module Rear "B"
U054B	Generic	Invalid Data Received From Interior Lighting Control Module
U054C	Generic	Invalid data received from seat control module G
U054D	Generic	Invalid data received from seat control module H
U0551	Generic	Invalid Data Received From Impact Classification System Module
U0552	Generic	Invalid Data Received From Running Board Control Module "B"
U0553	Generic	Invalid Data Received From Lighting Control Module Rear "B"
U0554	Generic	Invalid Data Received From Accessory Protocol Interface Module
U0555	Generic	Invalid Data Received From Remote Start Module
U0556	Generic	Invalid Data Received From Front Display Interface Module
U0557	Generic	Invalid Data Received From Front Controls Interface Module "A"
U0558	Generic	Invalid Data Received From Front Controls/Display Interface Module
U0559	Generic	Invalid Data Received From Radio Transceiver
U055A	Generic	Invalid Data Received From Special Purpose Vehicle Control Module "A"
U055B	Generic	Invalid Data Received From Special Purpose Vehicle Control Module "B"
U055C	Generic	Invalid Data Received From Special Purpose Vehicle Control Module "C"
U055D	Generic	Invalid Data Received From Special Purpose Vehicle Control Module "D"
U055E	Generic	Invalid Data Received From Front Controls Interface Module "B"
U0561	Generic	Invalid Data Received From Seat Control Switch Module "A"
U0562	Generic	Invalid Data Received From Seat Control Switch Module "B"
U0563	Generic	Invalid Data Received From Audio Amplifier "B"
U0564	Generic	Invalid Data Received From Speech Recognition Module
U0565	Generic	Invalid Data Received From Camera Module Rear
U0587	Generic	Invalid Data Received From With Radiator Anti Tamper Device
U0588	Generic	Invalid Data Received From Transmission Fluid Pump Module
U0589	Generic	Invalid Data Received From DC to AC Converter Control Module "A"
U058A	Generic	Invalid Data Received From DC to AC Converter Control Module "B"
U0592	Generic	Invalid Data Received From Gear Shift Control Module "B"
U0593	Generic	Invalid Data Received From Drive Motor Control Module "B"
U0594	Generic	Invalid Data Received From Hybrid Powertrain Control Module
U0595	Generic	Invalid Data Received From Powertrain Control Monitor Module
U0596	Generic	Invalid Data Received From AC to AC Converter Control Module
U0597	Generic	Invalid Data Received From AC to DC Converter Control Module "A"
U0598	Generic	Invalid Data Received From AC to DC Converter Control Module "B"
U0599	Generic	Invalid Data Received From DC to DC Converter Control Module "A"
U059A	Generic	Invalid Data Received From DC to DC Converter Control Module "B"
U059B	Generic	Invalid Data Received From Hybrid Battery Pack Sensor Module
U059C	Generic	Invalid Data Received From Drive Motor Control Module "C"
U059D	Generic	Invalid Data Received From Drive Motor Control Module "D"
U059E	Generic	Invalid Data Received From NOX Sensor "A"
U059F	Generic	Invalid Data Received From NOX Sensor "B"
U05A0	Generic	Invalid data received from evaporative emission (EVAP)
U2000	Generic	Audio Rear Control Unit is Not Responding
U2001	Generic	Audio Tape Deck Unit is Not Responding
U2002	Generic	Audio Bezel is Not Responding
U2003	Generic	Audio Compact Disk / Disk Jockey Unit is Not Responding
U2004	Generic	Audio Steering Wheel Control Unit is Not Responding
U2005	Generic	Audio Rear Integrated Control Panel Unit is Not Responding
U2006	Generic	Audio Remote Climate Control Unit is Not Responding
U2007	Generic	Audio Navigation Unit is Not Responding
U2008	Generic	Audio Phone is Not Responding
U2009	Generic	Audio Front Control Module ACM is Not Responding
U2010	Generic	Module is Not Responding (Non SCP)

U2011	Generic	Module Transmitted Invalid Data (Non SCP)
U2012	Generic	Communication Bus Error (Non SCP)
U2013	Generic	Compass Module is not Responding
U2014	Generic	Audio Subwoofer Unit is Not Responding
U2015	Generic	Signal Link Fault (Non SCP)
U2016	Generic	Signal Link Short to Ground (Non SCP) / From NGV Module
U2017	Generic	Driver Side Crash Sensor? Communication Fault (Non SCP)
U2018	Generic	Passenger Side Crash Sensor? Communication Fault (Non SCP)
U2019	Generic	Audio Voice Module Not Responding
U2020	Generic	Audio Center Amp is not responding
U2021	Generic	Invalid /fault data received (Non SCP)
U2150	Generic	Invalid Data from REM?
U2152	Generic	Invalid Data from GEM
U2160	Generic	Invalid Data from IC
U2195	Generic	Invalid Data from SCLM?
U2500	Generic	CAN Lack of Acknowledgement From Engine Management
U3000	Generic	Control Module
U3001	Generic	Control Module Improper Shutdown
U3002	Generic	Vehicle Identification Number
U3003	Generic	Battery Voltage
U3004	Generic	Accessory Power Relay
U3005	Generic	Retained Accessory Power
U3006	Generic	Control Module Input Power "A"
U3007	Generic	Control Module Input Power "B"
U3008	Generic	Control Module Ground "A"
U3009	Generic	Control Module Ground "B"
U300A	Generic	Ignition Switch
U300B	Generic	Ignition Input Accessory/On/Start
U300C	Generic	Ignition Input Off/On/Start
U300D	Generic	Ignition Input On/Start
U300E	Generic	Ignition Input On
U300F	Generic	Ignition Input Accessory
U3010	Generic	Ignition Input Start
U3011	Generic	Ignition Input Off
P1250	Geo	Early Fuel Evaporation Heater Circuit Fault
P1300	Geo	Ignition Coil 1 Primary Feedback Circuit
P1305	Geo	Ignition Coil 2 Primary Feedback Circuit
P1310	Geo	Ignition Coil 3 Primary Feedback Circuit
P1315	Geo	Ignition Coil 4 Primary Feedback Circuit
P1335	Geo	Crankshaft Position Sensor Circuit
P1346	Geo	Intake Camshaft Position System Performance
P1349	Geo	Intake Camshaft Position System
P1408	Geo	MAP Sensor Circuit
P1410	Geo	Fuel Tank Pressure System Fault
P1450	Geo	Barometric Pressure Sensor Circuit Fault
P1451	Geo	Barometric Pressure Sensor Performance
P1460	Geo	Cooling Fan Control System Fault
P1500	Geo	Starter Signal Circuit Fault
P1510	Geo	Backup Power Supply Fault
P1520	Geo	Stop Lamp Switch Circuit
P1530	Geo	Ignition Timing Adjustment Switch Circuit
P1600	Geo	PCM Battery Circuit Fault
P1656	Geo	Intake CMP Actuator Solenoid Control Circuit
B0004	GM	PCM Discrete Input Speed Signal Not Present
B0005	GM	In Park Switch Circuit Malfunction
B0016	GM	RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low
B0017	GM	RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Open
B0018	GM	RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range
B0022	GM	LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low
B0024	GM	LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range
B0026	GM	LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Open
B0028	GM	RF/Passenger Side Deployment Loop Resistance Low
B0029	GM	RF/Passenger Side Deployment Loop Open
B0030	GM	RF/Passenger Side Deployment Loop Short to Ground/Voltage Out of Range
B0035	GM	ADS Closed/Shorted to Ground
B0036	GM	ADS Open/Missing/Shorted to Battery
B0037	GM	AUX switch closed/shorted to ground
B0038	GM	AUX switch open/shorted to battery
B0040	GM	LF/Driver Side Deployment Loop Resistance Low
B0041	GM	LF/Driver Side Deployment Loop Open
B0045	GM	LF Side Deploy Loop Short to Ground/Voltage Out of Range
B0051	GM	Deployment Commanded
B0053	GM	Deployment Commanded with Loop Malfunctions Present
B0057	GM	RF/Passenger Pretensioner Deployment Loop Resistance Low
B0058	GM	RF/Passenger Pretensioner Deployment Loop Open
B0059	GM	RF/Passenger Pretensioner Deployment Loop Short to Ground/Voltage Out of Range
B0064	GM	LF/Driver Pretensioner Deployment Loop Resistance Low
B0065	GM	LF/Driver Pretensioner Deployment Loop Open

B0066	GM	LF/Driver Pretensioner Deployment Loop Short to Ground/Voltage Out of Range
B0073	GM	Supplemental Deployment Loop #1 Resistance Low
B0074	GM	Supplemental Deployment Loop #1 Open
B0075	GM	Supplemental Deployment Loop #1 Short to Ground/Voltage Out of Range
B0077	GM	LF/Driver SIS Malfunction
B0078	GM	RF/Passenger SIS Malfunction
B0079	GM	Incorrect LF/Driver SIS Installed
B0080	GM	Discard LF/Driver SIS
B0081	GM	Incorrect RF/Passenger SIS Installed
B0082	GM	Discard RF/Passenger SIS
B0086	GM	Supplemental Deployment Loop #2 Resistance Low
B0087	GM	Supplemental Deployment Loop #2 Open
B0088	GM	Supplemental Deployment Loop #2 Short to Ground/Voltage Out of Range
B0090	GM	Active switch voltage out of range
B0091	GM	Active switch: wrong state
B0092	GM	PPS passenger detection error
B0093	GM	PPS/CPS self-test malfunction
B0094	GM	CPS childseat detection error
B0095	GM	SDM-PPS/CPS mismatch malfunction
B0126	GM	Right Panel Discharge Temperature Fault
B0131	GM	Right Heater Discharge Temperature Fault
B0159	GM	Outside Air Temperature Sensor Circuit Range/Performance
B0164	GM	Passenger Compartment Temperature Sensor #1 (Single Sensor or LH) Circuit Range/Performance
B0169	GM	In-car Temp Sensor Failure (passenger -not used)
B0174	GM	Output Air Temperature Sensor #1 (Upper; Single or LH) Circuit Range/Performance
B0179	GM	Output Air Temperature Sensor #2 (Lower; Single or LH) Circuit Range/Performance
B0184	GM	Solar Load Sensor #1 CKT Range
B0189	GM	Solar Load Sensor #2 CKT Range
B0248	GM	Mode Door Inoperative Error
B0249	GM	Heater/Defrost/AC Door Range Error
B0268	GM	A/I Door Inoperative Error
B0269	GM	Air Inlet Door Range Error
B0408	GM	Temperature Control #1 (Main/Front) Circuit Malfunction
B0409	GM	Air Mix Door #1 Range Error
B0419	GM	Air Mix Door #2 Range Error
B0423	GM	Air Mix Door #2 Inoperative Error
B0428	GM	Air Mix Door #3 Inoperative Error
B0429	GM	Temperature Control #3 Rear Circuit Range/Performance
B0510	GM	RH Panel Discharge Temp Sensor Failure
B0515	GM	RH Heater Discharge Temp Sensor Failure
B0520	GM	Rear Discharge Temp Sensor Failure
B0530	GM	Fuel Level Sensor Stuck
B0532	GM	Fuel Sensor Shorted To Ground
B0533	GM	Fuel Sensor Open/Shorted To B+
B0688	GM	Security System Indicator Circuit High
B0768	GM	Service Indicator Circuit High
B0846	GM	+5 Volt Reference Out of Range
B0856	GM	Battery 2 Out of Range
B1000	GM	ECU Malfunction
B1001	GM	Option Configuration Error
B1004	GM	Keep Alive Memory (KAM)
B1007	GM	EEPROM Write Error
B1009	GM	EEPROM Checksum Error
B1013	GM	ROM Checksum Error
B1014	GM	Program ROM Checksum Error
B1015	GM	Passenger Deploy. Loop Resistance High
B1016	GM	Passenger Deployment Loop Resistance Low
B1017	GM	Passenger Deployment Loop Open
B1018	GM	Passenger Deployment Loop Short to GND
B1019	GM	Passenger Deploy. Loop Short to Voltage
B1021	GM	Driver Deployment Loop Resistance High
B1022	GM	Driver Deployment Loop Resistance Low
B1024	GM	Driver Deployment Loop Short to Ground
B1025	GM	Driver Deployment Loop Short to Voltage
B1026	GM	Driver Deployment Loop Open
B1035	GM	Discr. Sensor Closed or Short to GND
B1036	GM	Discr. Sensor Open or Short to Voltage
B1051	GM	Frontal Air Bag and Preten Deployment
B1053	GM	Deployment Commanded w/Loop Malfunction
B1054	GM	Infl Rst IP Module Switch CKT Failure
B1061	GM	Lamp Circuit Failure
B1071	GM	Internal SDM Failure
B1115	GM	Passenger Deploy. Loop Resistance High
B1116	GM	Passenger Deploy. Loop Resistance Low
B1117	GM	Passenger Deployment Loop Open
B1121	GM	Driver Deployment Loop Resistance High
B1122	GM	Driver Deployment Loop Resistance Low
B1124	GM	Driver/Pass. Deploy. Loop Short to GND

B1125	GM	Driver/Pass Deploy Loop Short to Voltage
B1126	GM	Driver Deployment Loop Open
B1131	GM	Pass. Pretensioner Loop Resistance High
B1132	GM	Pass. Pretensioner Loop Resistance Low
B1134	GM	Passenger Pretensioner Loop Open
B1135	GM	Discr. Sensor Closed or Short to GND
B1136	GM	Discr. Sensor Open or Short to Voltage
B1141	GM	Driver Pretensioner Loop Resistance High
B1142	GM	Driver Pretens. Deploy. Loop Res. Low
B1144	GM	Driver/Pass Pretens. Loop Short to GND
B1145	GM	Driver/Pass Pretens. Loop Short to Volt
B1146	GM	Driver Pretensioner Loop Open
B1147	GM	Driver Side Air Bag System Malfunction
B1148	GM	Pass. Side Air Bag System Malfunction
B1151	GM	Deployment Commanded - Frontal
B1152	GM	Data Area Full
B1153	GM	Deployment Commanded w/Loop Malfunction
B1155	GM	SDM Calibration Mismatch
B1159	GM	Loss of Serial Data-Key Not Received
B1160	GM	Loss of Serial Data - VIN Not Received
B1161	GM	Lamp Circuit Failure
B1163	GM	Loss of Serial Data-No Lamp Response
B1171	GM	Internal SDM Failure
B1245	GM	CD Changer Not Responding
B1271	GM	Theft Lock Enabled
B1310	GM	Ambient Air Temperature Sensor Failure
B1311	GM	Outside Air Temp Sensor Short Circuit
B1312	GM	High Side Temp Sensor Open Circuit
B1313	GM	High Side Temp Sensor Short Circuit
B1314	GM	Evaporator Inlet Temp Sensor Open CKT
B1315	GM	Evaporator Inlet Temp Sensor Short CKT
B1316	GM	In Car Temperature Sensor Open Circuit
B1317	GM	In Car Air Temperature Sensor
B1318	GM	LH Sun Load Sensor Fault
B1319	GM	Sunload Sensor Short Circuit
B1321	GM	A/C Low Side Temperature Sensor Fault
B1324	GM	A/C Refrigerant Overpressure
B1327	GM	Device Power Circuit Low
B1328	GM	Device Power Circuit High
B1328	GM	RH Sun Load Sensor Fault
B1330	GM	Left A/C Discharge Sensor Fault
B1331	GM	Right A/C Discharge Sensor Fault
B1332	GM	Left Heater Discharge Sensor Fault
B1333	GM	Right Heater Discharge Sensor Fault
B1340	GM	Air Mix Door One Movement Fault
B1341	GM	Air Mix Door Two Movement Fault
B1343	GM	Air Inlet Door Movement Fault
B1344	GM	HTR/DEF/AC Door Movement Fault
B1347	GM	Very Low A/C Refrigerant Warning
B1348	GM	Very Low A/C Refrigerant Pressure
B1350	GM	Engine Coolant Over-Temperature
B1390	GM	Device Voltage Reference Input CKT Malf
B1396	GM	Device Voltage Reference Output 1 Circuit Range Performance
B1399	GM	Loss of KDD Communications
B1422	GM	Device Power Moding Malfunction
B1438	GM	IPC High Voltage Output Overcurrent to IPM
B1513	GM	Charging System Volts Low
B1514	GM	Charging System Volts High
B1552	GM	Keep Alive Memory (KAM) Error
B1556	GM	IPC EEPROM Odo/Configuration Error
B1557	GM	EEPROM Calibration Error
B1558	GM	BCM EPROM Checksum Error
B1586	GM	Mirror Horiz. Pos Sensor-Out of Range/Open
B1591	GM	Mirror Vert. Pos Sensor-Out of Range/Open
B1652	GM	Loss of Keep Alive Memory (KAM)
B1656	GM	EEPROM Write Error
B1658	GM	EEPROM Checksum Error
B1697	GM	Mirror Switch Input Shorted to Ground
B1698	GM	Mirror Switch L Up Input Stuck High
B1702	GM	Mirror Switch Input Shorted to Ground
B1703	GM	Mirror Switch L Down Input Stuck High
B1707	GM	Mirror Switch Input Shorted to Ground
B1708	GM	Mirror Switch R Up Input Stuck High
B1712	GM	Mirror Switch Input Shorted to Ground
B1713	GM	Mirror Switch R Down Input Stuck High
B1717	GM	Mirror Power Fold Control Switch Shorted Low
B1718	GM	Power Folding Mirror Switch Input Circuit High
B1735	GM	Driver Seat Front Up Switch CKT Malf

B1740	GM	Driver Seat Front Down Switch CKT Malf
B1745	GM	Driver Seat Rear Up Switch CKT Malf
B1750	GM	Driver Seat Rear Down Switch CKT Malf
B1755	GM	Driver Seat Asm Forward Switch CKT Malf
B1760	GM	Driver Seat Asm Rearward Switch CKT Malf
B1760	GM	CD Changer Not Responding
B1780	GM	Theft Lock Enabled
B1805	GM	Ignition Switch Problem
B1815	GM	Driver Recline Forward Switch CKT Malf
B1820	GM	Driver Recline Rearward Switch CKT Malf
B1825	GM	Driver Recline Sensor CKT Malfunction
B1830	GM	Driver Lumbar Forward Switch CKT Malf
B1835	GM	Driver Lumbar Rearward Switch CKT Malf
B1840	GM	Driver Lumbar Up Switch CKT Malf
B1845	GM	Driver Lumbar Down Switch CKT Malf
B1850	GM	Driver Lumbar Horiz Sensor CKT Malf
B1860	GM	Driver Lumbar Vert Sensor CKT Malf
B1870	GM	Driver Belt Tower Up Switch CKT Malf
B1875	GM	Driver Belt Tower Down Sw CKT Malf
B1900	GM	Driver Belt Tower Vert Sen CKT Malf
B1910	GM	Generator L-Terminal Open Circuit
B1911	GM	Generator L-Terminal Problem
B1913	GM	Heated Seat Switch - Mode Input Shorted to Battery
B1918	GM	Heated Seat Switch - Temperature Input Shorted to Battery
B1970	GM	Exterior Lamp Power
B1971	GM	Inadvertent Power
B1972	GM	Low Power Driver Fault
B1973	GM	High Power Control Fault
B1981	GM	Battery Voltage Low
B1982	GM	Device Power Circuit High
B1983	GM	Device Power Circuit Low
B2101	GM	Recline Aft Switch Failed
B2102	GM	Recline Forward Switch Failed
B2103	GM	Rear Vertical Down Switch Failed
B2104	GM	Rear Vertical Up Switch Failed
B2105	GM	Horizontal Aft Switch Failed
B2106	GM	Horizontal Forward Switch Failed
B2107	GM	Front Vertical Down Switch Failed
B2108	GM	Front Vertical Up Switch Failed
B2109	GM	Lumbar Aft Switch Failed
B2110	GM	Lumbar Forward Switch Failed
B2111	GM	Lumbar Down Switch Failed
B2112	GM	Lumbar Up Switch Failed
B2115	GM	Recline Sensor Failed
B2116	GM	Rear Vertical Sensor Failed
B2117	GM	Horizontal Sensor Failed
B2118	GM	Front Vertical Sensor Failed
B2119	GM	Lumbar Forward/Aft Sensor Failed
B2120	GM	Lumbar Up/Down Sensor Failed
B2130	GM	Driver Memory 1 Select Switch Circuit Malfunction
B2131	GM	Driver Memory 2 Select Switch Circuit Malfunction
B2132	GM	Driver Memory Exit Exit/Off Switch Circuit Malfunction
B2133	GM	Driver Memory Set Switch Circuit Malfunction
B2140	GM	Mirror Up Control Switch Circuit Malfunction
B2141	GM	Mirror Down Control Switch Circuit Malfunction
B2142	GM	Mirror Left Control Switch Circuit Malfunction
B2143	GM	Mirror Right Control Switch Circuit Malfunction
B2144	GM	Left Front Mirror Vertical Position Sensor Circuit Low
B2145	GM	Left Front Mirror Vertical Position Sensor Circuit High
B2146	GM	Left Front Mirror Horizontal Position Sensor Circuit Low
B2147	GM	Left Front Mirror Horizontal Position Sensor Circuit High
B2148	GM	Right Front Mirror Vertical Position Sensor Circuit Low
B2149	GM	Right Front Mirror Vertical Position Sensor Circuit High
B2150	GM	Right Front Mirror Horizontal Position Sensor Circuit Low
B2151	GM	Right Front Mirror Horizontal Position Sensor Circuit High
B2175	GM	Tilt/Telescope Module Manual Switch Fail
B2200	GM	LF Window Switch Stuck in Up Position
B2201	GM	LF Window Switch Stuck in Down Position
B2202	GM	RF Window Switch Stuck in Up Position
B2203	GM	RF Window Switch Stuck in Down Position
B2204	GM	LR Window Switch Stuck in Up Position
B2205	GM	LR Window Switch Stuck in Down Position
B2206	GM	RR Window Switch Stuck in Up Position
B2207	GM	RR Window Switch Stuck in Down Position
B2212	GM	RF Switch on LF Door Stuck Up Position
B2213	GM	RF Switch on LF Door Stuck Down Position
B2214	GM	LR Switch on LF Door Stuck Up Position
B2215	GM	LR Switch on LF Door Stuck Down Position

B2216	GM	RR Switch on LF Door Stuck Up Position
B2217	GM	RR Switch on LF Door Stuck Down Position
B2220	GM	LF Door Lock/Unlock Switch Stuck in Lock
B2221	GM	LF Door Lock/Unlock Switch Stuck UnLock
B2222	GM	RF Door Lock/Unlock Switch Stuck in Lock
B2223	GM	RF Door Lock/Unlock Switch Stuck UnLock
B2224	GM	LR Door Lock/Unlock Switch Stuck in Lock
B2226	GM	RR Door Lock/Unlock Switch Stuck in Lock
B2240	GM	Memory 1 Switch Failed
B2241	GM	Memory 2 Switch Failed
B2242	GM	Memory Exit Switch Failed
B2243	GM	Memory Set Switch Failed
B2310	GM	Hand Set Failure
B2311	GM	TRU Failure
B2312	GM	Software Failure
B2355	GM	Driver Front Vertical Sensor Malf
B2365	GM	Driver Rear Vertical Sensor Malf
B2375	GM	Driver Seat Asm Horiz Sensor CKT Malf
B2419	GM	Twilight Photocell Circuit Problem
B2420	GM	Twilight Delay Pot Failure
B2422	GM	Interior Lamp Rheostat Failure
B2460	GM	Navigation Antenna Selector Circuit High Current
B2461	GM	Navigation ECU Synchronous Signal Error
B2462	GM	GPS Signal Error
B2463	GM	Navigation CD Player - No Disk
B2464	GM	Navigation CD Player - Decoding Error
B2465	GM	Navigation CD Player - Data Error
B2466	GM	Navigation VICS Memory Error
B2468	GM	Navigation Display Head (NDH) Malfunction
B2470	GM	Daytime Running Lamps Fault
B2471	GM	Interior Lamp Fault
B2472	GM	Low Beam Fault
B2473	GM	High Beam Fault
B2474	GM	Navigation Display Head (NDH) Back Lighting Malfunction
B2475	GM	Navigation Display Head (NDH) Auxiliary Input Malfunction
B2476	GM	Cellular Phone Select Service Switch Malfunction
B2476	GM	Parklamp Fault
B2477	GM	Reverse Lamp Relay Shorted to Ground
B2478	GM	Reverse Lamp Shorted to Battery
B2502	GM	Auto Trans Shift Lock Control Shorted to Ground
B2503	GM	Park Gear (Auto Trans Shift Lock Control) Relay Shorted to Batt
B2510	GM	Steering Wheel Controls HVAC Key Stuck
B2511	GM	Steering Wheel Controls Conv Key Stuck
B2512	GM	Strng Wheel Controls Illegal A/D Values
B2515	GM	Strg Whl Cont Illegal Resistance Value
B2550	GM	Storage Mode Entered
B2556	GM	Interior Lamp Rheostat Circuit Range
B2560	GM	RKE Message Validation Error
B2641	GM	Delayed Exterior Lighting Ctrl CKT Range
B2646	GM	Ambient Light Sensor Circuit Range
B2710	GM	PASSKey Open/Shorted Pellet
B2711	GM	PASSKey Open/Shorted Pellet After Good Key
B2719	GM	CTD-Trunk Tamper Switch Fault
B2725	GM	ATC Mode Switch Circuit Malfunction
B2734	GM	Coded Key Controller Memory Failure
B2750	GM	PASSKey Data Communication Failure
B2757	GM	Driver Memory 1 Select Switch CKT Low
B2762	GM	Driver Memory 2 Select Switch CKT Low
B2767	GM	Memory Set Switch Failed Low
B2772	GM	Driver Memory Exit Switch Circuit Low
B2780	GM	Wrong Resistor Before Good
B2781	GM	Wrong Resistor After Good
B2782	GM	PASSKey Pellet Resistance Not Programmed
B2783	GM	Key Code/Password Corrupted in Memory
B2805	GM	Steering Whl Controls HVAC Sw CKT Malf
B2810	GM	Steering Whl Ctrl Entertainment CKT Malf
B2853	GM	Telescope Forward Switch Circuit Malfunction
B2858	GM	Telescope Rearward Switch Circuit Malfunction
B2860	GM	Telescope Position Sensor Range
B2862	GM	Telescope Position Sensor Low
B2873	GM	Tilt Up Switch Circuit Malfunction
B2878	GM	Tilt Down Switch Circuit Malfunction
B2880	GM	Tilt Position Sensor Range
B2882	GM	Tilt Position Sensor Low
B2891	GM	Tilt/Telescope Motor Over Current
B2904	GM	Tilt/Telescope 4-way Position Switch Circuit Malfunction
B2947	GM	Security System Sensor Power CKT Low
B2948	GM	Security System Sensor Power CKT High

B2955	GM	Security System Sensor Data CKT Malfunction
B2957	GM	Security System Sensor Data Circuit Low
B2958	GM	Security System Sensor Data Circuit High
B2960	GM	Sec Sys Sensor Data Incorrect but Valid
B3028	GM	Starter Relay Interface Short to Ground
B3029	GM	Starter Relay Interface Open/Short to B+
B3031	GM	Key Decoder Device in Assem Learn Mode
B3033	GM	Security System Indicates Tamper
B3055	GM	Key Not Present
B3069	GM	RF/LF Door Key Unlock Circuit Low
B3108	GM	Transmitter Synchronization Failure
B3142	GM	LF Unlock Switch Circuit Low
B3147	GM	Passenger Unlock Switch Circuit Low
B3152	GM	LF Lock Switch Circuit Low
B3157	GM	Passenger Lock Switch Circuit Low
B3172	GM	Window Up Switch Circuit Low
B3177	GM	Window Down Switch Circuit Low
B3203	GM	Rear Window Lockout Switch Input Circuit High
B3282	GM	Window Switch-Express Input Shorted to Ground
B3287	GM	LR Window Switch Express Down Circuit Low
B3292	GM	RR Window Switch Express Down Circuit Low
B3377	GM	LF Window Up Switch Circuit Low
B3382	GM	LF Window Down Switch Circuit Low
B3387	GM	RF Window Up Switch Circuit Low
B3392	GM	RF Window Down Switch Circuit Low
B3397	GM	LR Window Up Switch Circuit Low
B3452	GM	LR Window Down Switch Circuit Low
B3457	GM	RR Window Up Switch Circuit Low
B3462	GM	RR Window Down Switch Circuit Low
B3467	GM	LF Window Express Down Circuit Low
B3472	GM	RF Window Express Down Circuit Low
B3477	GM	LR Window Express Down Circuit Low
B3482	GM	RR Window Express Down Circuit Low
B3517	GM	LR Door Sw Express Up/Down Window Contact Shorted to GND
B3522	GM	RR Door Sw Express Up/Down Window Contact Shorted to GND
B3527	GM	Window Lockout Switch Circuit Low
B3793	GM	Memory Seat Module Over Current
P1031	GM	Heated Oxygen Sensor (HO2S) Heater Current Monitor Control Circuit Banks 1 and 2 Sensor 1
P1032	GM	Heated Oxygen Sensor (HO2S) Heater Warm Up Control Circuit Banks 1 and 2 Sensor 1
P1101	GM	Actual measured airflow from MAF, MAP, EGR, and TP is not within range of the calculated airflow
P1105	GM	Secondary Vacuum Sensor Circuit
P1106	GM	Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
P1107	GM	Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
P1108	GM	BARO to MAP Sensor Comparison Too High
P1109	GM	Secondary Port Throttle System
P1111	GM	Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage
P1112	GM	Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage
P1113	GM	Intake Resonance Switchover Solenoid Control Circuit
P1114	GM	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage
P1115	GM	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage
P1116	GM	ECT Signal Unstable or Intermittent
P1117	GM	Engine Coolant Temp. Signal Out-Of-Range Low
P1118	GM	Engine Coolant Temp. Signal Out-Of-Range High
P1119	GM	ECT Signal Out-Of-Range With TFT Sensor
P1120	GM	Throttle Position (TP) Sensor 1 Circuit
P1121	GM	Throttle Position (TP) Sensor Circuit Intermittent High Voltage
P1122	GM	Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
P1125	GM	Accelerator Pedal Position (APP) System
P1130	GM	Heated Oxygen Sensor (HO2S) Circuit Low Variance Bank 1 Sensor 1
P1131	GM	Heated Oxygen Sensor (HO2S) Circuit Low Variance Bank 1 Sensor 2
P1132	GM	Heated Oxygen Sensor (HO2S) Circuit Low Variance Bank 2 Sensor 1
P1133	GM	Heated Oxygen Sensor (HO2S) Insufficient Switching Bank 1 Sensor 1
P1134	GM	Heated Oxygen Sensor (HO2S) Transition Time Ratio Bank 1 Sensor 1
P1135	GM	Heated Oxygen Sensor (HO2S) Lean Mean Bank 1 Sensor 1
P1136	GM	Heated Oxygen Sensor (HO2S) Rich Mean Bank 1 Sensor 1
P1137	GM	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 Lean System or Low Voltage
P1138	GM	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 Rich or High Voltage
P1139	GM	Heated Oxygen Sensor (HO2S) Insuff. Switching Bank 1 Sensor 2
P1140	GM	Heated Oxygen Sensor (HO2S) Transition Time Ratio Bank 1 Sensor 2
P1141	GM	Heated Oxygen Sensor (HO2S) Heater Control Circuit Bank 1 Sensor 2
P1143	GM	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 3 Lean System or Low Voltage
P1144	GM	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 3 Rich or High Voltage
P1145	GM	Heated Oxygen Sensor (HO2S) Cross Counts Bank 1 Sensor 3
P1153	GM	Heated Oxygen Sensor (HO2S) Insufficient Switching Bank 2 Sensor 1
P1154	GM	Heated Oxygen Sensor (HO2S) Transition Time Ratio Bank 2 Sensor 1
P1155	GM	Heated Oxygen Sensor (HO2S) Lean Mean Bank 2 Sensor 1
P1156	GM	Heated Oxygen Sensor (HO2S) Rich Mean Bank 2 Sensor 1
P1157	GM	Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 Lean System or Low Voltage

P1158	GM	Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 Rich or High Voltage
P1159	GM	Heated Oxygen Sensor (HO2S) Cross Counts Bank 2 Sensor 2
P1161	GM	Heated Oxygen Sensor (HO2S) Heater Control Circuit Bank 2 Sensor 2
P1163	GM	Heated Oxygen Sensor (HO2S) Bank 2 Sensor 3 Lean System or Low Voltage
P1164	GM	Heated Oxygen Sensor (HO2S) Bank 2 Sensor 3 Rich or High Voltage
P1165	GM	Heated Oxygen Sensor (HO2S) Cross Counts Bank 2 Sensor 3
P1170	GM	Bank to Bank Fuel Trim Offset
P1171	GM	Fuel System Lean During Acceleration
P1172	GM	Fuel Transfer Pump Flow Insufficient
P1185	GM	Engine Oil Temperature Circuit
P1186	GM	EOT Circuit Performance
P1187	GM	EOT Sensor Circuit Low Voltage
P1188	GM	EOT Sensor Circuit High Voltage
P1189	GM	Engine Oil Pressure (EOP) Switch Circuit
P1190	GM	Engine Vacuum Leak
P1191	GM	Intake Air Duct Air Leak
P1200	GM	Injector Control Circuit
P1201	GM	(Alt. Fuel) Gas Mass Sensor Circuit Range/Performance
P1202	GM	(Alt. Fuel) Gas Mass Sensor Circuit Low Frequency
P1203	GM	(Alt. Fuel) Gas Mass Sensor Circuit High Frequency
P1211	GM	Mass Air Flow Circuit Intermittent High
P1212	GM	Mass Air Flow Circuit Intermittent Low
P1214	GM	Injection Pump Timing Offset
P1215	GM	Ground Fault Detection Indicated
P1216	GM	Fuel Solenoid Response Time Too Short
P1217	GM	Fuel Solenoid Response Time Too Long
P1218	GM	Injection Pump Calibration Circuit
P1219	GM	Throttle Position Sensor Reference Voltage
P1220	GM	Throttle Position (TP) Sensor 2 Circuit
P1221	GM	Fuel Pump Secondary Circuit Low
P1222	GM	Injector Control Circuit Intermittent
P1225	GM	Injector Circuit Cylinder 2 Intermittent
P1228	GM	Injector Circuit Cylinder 3 Intermittent
P1231	GM	Injector Circuit Cylinder 4 Intermittent
P1234	GM	Injector Circuit Cylinder 5 Intermittent
P1237	GM	Injector Circuit Cylinder 6 Intermittent
P1240	GM	Injector Circuit Cylinder 7 Intermittent
P1243	GM	Injector Circuit Cylinder 8 Intermittent
P1245	GM	Intake Plenum Switchover Valve
P1250	GM	Early Fuel Evaporation Heater Circuit
P1257	GM	Supercharger System Overboost
P1258	GM	Engine Coolant Overtemperature - above 268°F - Protection Mode Active
P1260	GM	Last Test Failed Failed SCC ENTER:More Info.
P1270	GM	Accelerator Pedal Position Sensor A/D Converter Error
P1271	GM	Accelerator Pedal Position (APP) Sensor 1-2 Correlation
P1272	GM	Accelerator Pedal Position Sensor 2
P1273	GM	Accelerator Pedal Position Sensor 1
P1274	GM	Injectors Wired Incorrectly
P1275	GM	Accelerator Pedal Position (APP) Sensor 1 Circuit
P1276	GM	Accelerator Pedal Position Sensor 1 Circuit Performance
P1277	GM	Accelerator Pedal Position Sensor 1 Circuit Low Voltage
P1278	GM	Accelerator Pedal Position Sensor 1 Circuit High Voltage
P1280	GM	Accelerator Pedal Position (APP) Sensor 2 Circuit
P1281	GM	Accelerator Pedal Position Sensor 2 Circuit Performance
P1282	GM	Accelerator Pedal Position Sensor 2 Circuit Low Voltage
P1283	GM	Accelerator Pedal Position Sensor 2 Circuit High Voltage
P1285	GM	Accelerator Pedal Position Sensor 3 Circuit
P1286	GM	Accelerator Pedal Position Sensor 3 Circuit Performance
P1287	GM	Accelerator Pedal Position Sensor 3 Circuit Low Voltage
P1288	GM	Accelerator Pedal Position Sensor 3 Circuit High Voltage
P1300	GM	Ignitor Circuit
P1305	GM	Ignition Coil 2 Primary Feedback Circuit
P1310	GM	Ignition Coil 3 Primary Feedback Circuit
P1315	GM	Ignition Coil 4 Primary Feedback Circuit
P1320	GM	IC 4X Reference Circuit Intermittent
P1321	GM	Electronic Ignition System Fault Line
P1322	GM	EI System or Ignition Control Extra or Missing
P1323	GM	IC 24X Reference Circuit Low Frequency
P1324	GM	Crank RPM Too Low
P1325	GM	CKP Circuit
P1336	GM	Crankshaft Position (CKP) System Variation Not Learned
P1345	GM	Crankshaft Position (CKP)-Camshaft Position (CMP) Correlation
P1346	GM	Intake Camshaft Position CMP Sensor System Performance
P1350	GM	Ignition Control System
P1351	GM	Ignition Coil Control Circuit High Voltage
P1352	GM	IC Output High/Pulse Detected when GND_Cyl. 2
P1353	GM	IC Output High/Pulse Detected when GND_Cyl. 3
P1354	GM	IC Output High/Pulse Detected when GND_Cyl. 4

P1355	GM	IC Output High/Pulse Detected when GND_Cyl. 5
P1356	GM	IC Output High/Pulse Detected when GND_Cyl. 6
P1357	GM	IC Output High/Pulse Detected when GND_Cyl. 7
P1358	GM	IC Output High/Pulse Detected when GND_Cyl. 8
P1359	GM	Ignition Coil Group 1 Control Circuit
P1360	GM	Ignition Coil Group 2 Control Circuit
P1361	GM	Ignition Coil Control Circuit Low Voltage
P1362	GM	IC Cylinder 2 Not Toggling After Enable
P1363	GM	IC Cylinder 3 Not Toggling After Enable
P1364	GM	IC Cylinder 4 Not Toggling After Enable
P1365	GM	IC Cylinder 5 Not Toggling After Enable
P1366	GM	IC Cylinder 6 Not Toggling After Enable
P1367	GM	IC Cylinder 7 Not Toggling After Enable
P1368	GM	IC Cylinder 8 Not Toggling After Enable
P1370	GM	IC 4X Reference Circuit Too Many Pulses
P1371	GM	IC 4X Reference Circuit Too Few Pulses
P1372	GM	Crankshaft Position (CKP) Sensor A-B Correlation
P1374	GM	3X Reference Circuit
P1375	GM	IC 24X Reference Circuit High Voltage
P1376	GM	Ignition Ground Circuit
P1377	GM	IC Cam Pulse To 4X Reference Pulse
P1380	GM	Misfire Detected - Rough Road Data Not Available
P1381	GM	Misfire Detected - No Communication with Brake Control Module
P1390	GM	Wheel Speed Sensor 1 - G - Sensor Circuit
P1391	GM	Wheel Speed Sensor 1 - G - Sensor Circuit Performance
P1392	GM	Wheel Speed Sensor 1 - G - Sensor Circuit Low Voltage
P1393	GM	Wheel Speed Sensor 1 - G - Sensor Circuit High Voltage
P1394	GM	Wheel Speed Sensor 1 - G - Sensor Circuit Intermittent
P1395	GM	Wheel Speed Sensor 2 - G - Sensor Circuit
P1396	GM	Wheel Speed Sensor 2 - G - Sensor Circuit Performance
P1397	GM	Wheel Speed Sensor 2 - G - Sensor Circuit Low Voltage
P1398	GM	Wheel Speed Sensor 2 - G - Sensor Circuit High Voltage
P1399	GM	Wheel Speed Sensor 2 - G - Sensor Circuit Intermittent
P1403	GM	Exhaust Gas Recirculation System Valve 1
P1404	GM	Exhaust Gas Recirculation (EGR) Closed Position Performance
P1405	GM	Exhaust Gas Recirculation System Valve 3
P1406	GM	EGR Valve Pintle Position Circuit
P1407	GM	EGR Air Intrusion in Exhaust Supply to EGR Valve
P1408	GM	Intake Manifold Pressure Sensor Circuit
P1409	GM	EGR Vacuum System Leak
P1410	GM	Fuel Tank Pressure System
P1415	GM	Secondary Air Injection (AIR) System Bank 1
P1416	GM	Secondary Air Injection (AIR) System Bank 2
P1418	GM	Secondary Air Injection System Relay A Control Circuit High
P1420	GM	Intake Air Low Pressure Switch Circuit Low Voltage
P1421	GM	Intake Air Low Pressure Switch Circuit High Voltage
P1423	GM	Intake Air High Pressure Switch Circuit High Voltage
P1431	GM	Fuel Level Sensor 2 Circuit Performance
P1432	GM	Fuel Level Sensor 2 Circuit Low Voltage
P1433	GM	Fuel Level Sensor 2 Circuit High Voltage
P1441	GM	Evaporative Emission (EVAP) System Flow During Non-Purge
P1442	GM	EVAP Vacuum Sw. High Voltage During Ign. On
P1450	GM	Barometric Pressure Sensor Circuit
P1451	GM	Barometric Press. Sensor Performance
P1460	GM	Cooling Fan Control System
P1480	GM	Cooling Fan 1 Control Circuit High
P1481	GM	Cooling Fan Speed Sensor Circuit
P1482	GM	Cooling Fan Speed Output Circuit
P1483	GM	Engine Cooling System Performance
P1484	GM	Cooling Fan System Performance
P1500	GM	Starter Signal Circuit
P1501	GM	Theft Deterrent System
P1502	GM	Vehicle Speed Sensor Circuit Intermittent
P1503	GM	Theft Deterrent Fuel Enable Signal Not Received
P1504	GM	Theft Deterrent Fuel Enable Signal Not Correct
P1505	GM	Vehicle Speed Output Circuit
P1508	GM	Idle Speed Low - Idle Air Control (IAC) System Not Responding
P1509	GM	Idle Speed High - Idle Air Control (IAC) System Not Responding
P1510	GM	Throttle Control System Performance - Throttle Limitation Active
P1511	GM	Throttle Control System - Backup System Performance
P1514	GM	Airflow to TP Sensor Correlation High
P1515	GM	Electronic Throttle System Throttle Position
P1516	GM	Throttle Actuator Control (TAC) Module Throttle Actuator Position Performance
P1517	GM	Electronic Throttle Module
P1518	GM	Electronic Throttle Module to PCM Communication
P1519	GM	Throttle Actuator Control (TAC) Module Internal Circuit
P1520	GM	Transmission Range Switch Circuit
P1521	GM	Transmission Engaged at High Throttle Angle

P1522	GM	Park/Neutral to Drive/Reverse at High RPM
P1523	GM	Throttle Closed Position Performance
P1524	GM	Throttle Closed Position Performance
P1525	GM	Throttle Body ServiceRequired
P1526	GM	Minimum Throttle Position Not Learned
P1527	GM	Transmission Range to Pressure Switch Correlation
P1528	GM	Governor
P1529	GM	Heated Windshield Request Problem
P1530	GM	Throttle Actuator Control (TAC) Module Internal Circuit
P1531	GM	A/C Low Side Temperature Sensor Fault
P1532	GM	A/C Evaporator Temp. Sens. Circuit Low Voltage
P1533	GM	A/C Evaporator Temp. Sens. Circuit High Voltage
P1534	GM	A/C High Side Temp. Sensor Low Voltage
P1535	GM	A/C High Side Temperature Sensor Circuit
P1536	GM	Engine Coolant Overtemperature - Air Conditioning (A/C) Disabled
P1537	GM	A/C Request Circuit Low Voltage
P1538	GM	A/C Request Circuit High Voltage
P1539	GM	A/C Clutch Status Circuit High Voltage
P1540	GM	Air Conditioning (A/C) Refrigerant Overpressure - Air Conditioning (A/C) Disabled
P1541	GM	A/C High Side Over Temperature
P1542	GM	A/C System High Pressure High Temperature
P1543	GM	A/C System Performance
P1544	GM	A/C Refrigerant Condition Very Low
P1545	GM	Air Conditioning (A/C) Clutch Relay Control Circuit
P1546	GM	A/C Clutch Status Circuit Low Voltage
P1547	GM	A/C System Performance Degraded
P1548	GM	A/C Recirculation Circuit
P1551	GM	Throttle Valve Rest Position Not Reached During Learn
P1554	GM	Cruise Control Feedback Circuit
P1555	GM	Electronic Variable Orifice Output
P1558	GM	Cruise Control Servo Indicates Low
P1559	GM	Cruise Control Power Management Mode
P1560	GM	Transaxle Not in Drive - Cruise Control Disabled
P1561	GM	Cruise Vent Solenoid
P1562	GM	Cruise Vacuum Solenoid
P1563	GM	Cruise Vehicle Speed/Set Speed Difference Too High
P1564	GM	Vehicle Acceleration Too High - Cruise Control Disabled
P1565	GM	Cruise Servo Position Sensor
P1566	GM	Engine RPM Too High - Cruise Control Disabled
P1567	GM	Active Banking Control Active - Cruise Control Disabled
P1568	GM	Cruise Servo Stroke Greater than Commanded in Cruise
P1569	GM	Cruise Servo Stroke High While not in Cruise
P1570	GM	Traction Control Active - Cruise Control Disabled
P1571	GM	Traction Control Torque Request Circuit
P1572	GM	ASR Active Circuit Low Too Long
P1573	GM	PCM/EBTCM Serial Data Circuit
P1574	GM	Stoplamp Switch Circuit
P1575	GM	Extended Travel Brake Switch Circuit
P1576	GM	BBV Sensor Circuit High Voltage
P1577	GM	BBV Sensor Circuit Low Voltage
P1578	GM	BBV Sensor Circuit Low Vacuum
P1579	GM	P/N to D/R at High Throttle Angle - Power Reduction Mode Active
P1580	GM	Cruise Move Circuit Low Voltage
P1581	GM	Cruise Move Circuit High Voltage
P1582	GM	Cruise Direction Circuit Low Voltage
P1583	GM	Cruise Direction CircuitHigh Voltage
P1584	GM	Cruise Control Disabled
P1585	GM	Cruise Control Inhibit Output Circuit
P1586	GM	Cruise Control Brake Switch 2 Circuit
P1587	GM	Cruise Control Clutch Control Circuit Low
P1588	GM	Cruise Control Clutch Control Circuit High
P1599	GM	Engine Stall or Near Stall Detected
P1600	GM	TCM Internal Watchdog Operation
P1601	GM	Serial Comm. Problem With Device 1
P1602	GM	Knock Sensor (KS) Module Performance
P1603	GM	Loss of SDM Serial Data
P1604	GM	Loss of IPC Serial Data
P1605	GM	Loss of HVAC Serial Data
P1606	GM	Serial Communication Problem With Device 6
P1607	GM	Serial Communication Problem With Device 7
P1608	GM	Serial Communication Problem With Device 8
P1609	GM	Loss Of TCS Serial Data
P1610	GM	Loss of PZM Serial Data
P1611	GM	Loss of CVRTD Serial Data
P1612	GM	Loss of IPM Serial Data
P1613	GM	Loss of DIM Serial Data
P1614	GM	Loss of RIM Serial Data
P1615	GM	Loss of VTD Serial Data

P1617	GM	Engine Oil Level Switch Circuit
P1619	GM	Engine Oil Life Monitor Reset Circuit
P1620	GM	Low Coolant Circuit
P1621	GM	Control Module Long Term Memory Performance
P1622	GM	Cylinder Select
P1623	GM	Transmission Temp Pull-Up Resistor
P1624	GM	Customer Snapshot Requested - Data Available
P1625	GM	TCM System Reset
P1626	GM	Theft Deterrent Fuel Enable Signal Not Received
P1627	GM	A/D Performance
P1628	GM	ECT Pull-Up Resistor
P1629	GM	Theft Deterrent System - Cranking Signal
P1630	GM	Theft Deterrent Learn Mode Active
P1631	GM	Theft Deterrent Start Enable Signal Not Correct
P1632	GM	Theft Deterrent Fuel Disable Signal Received
P1633	GM	Ignition 0 Switch Circuit
P1634	GM	Ignition 1 Switch Circuit
P1635	GM	5 Volt Reference Circuit
P1636	GM	PCM Stack Overrun
P1637	GM	Generator L-Terminal Circuit
P1638	GM	Generator F-Terminal Circuit
P1639	GM	5 Volt Reference 2 Circuit
P1640	GM	Driver-1-Input High Voltage
P1641	GM	Malfunction Indicator Lamp (MIL) Control Circuit
P1642	GM	Vehicle Speed Output Circuit
P1643	GM	Engine Speed Output Circuit
P1644	GM	Traction Control Delivered Torque Output Circuit
P1645	GM	Evaporative Emission (EVAP) Vent Solenoid Control Circuit
P1646	GM	Evaporative Emission (EVAP) Vent Solenoid Control Circuit
P1647	GM	Driver 1 Line 7
P1650	GM	Control Module Output B Circuit
P1651	GM	Fan 1 Relay Control Circuit
P1652	GM	Powertrain Induced Chassis Pitch Output Circuit
P1653	GM	Oil Level Lamp Control Circuit
P1654	GM	Cruise Control Inhibit Output Circuit
P1655	GM	EVAP Purge Solenoid Control Circuit
P1656	GM	Driver 2 Line 6
P1657	GM	1-4 Upshift Solenoid Control Circuit
P1658	GM	Starter Enable Relay Control Circuit
P1660	GM	Cooling Fan Control Circuits
P1661	GM	MIL Control Circuit
P1662	GM	Cruise Lamp Control Circuit
P1663	GM	Oil Life Lamp Control Circuit
P1664	GM	1-4 Upshift Lamp Control Circuit
P1665	GM	Driver 3 Line 5
P1666	GM	Driver 3 Line 6
P1667	GM	Reverse Inhibit Solenoid Control Circuit
P1669	GM	ABS Unit Expected
P1670	GM	Driver 4
P1671	GM	Driver 4 Line 1
P1672	GM	Low Engine Oil Level Lamp Control Circuit
P1673	GM	Engine Hot Lamp Control Circuit
P1674	GM	Tachometer Control Circuit
P1675	GM	EVAP Vent Solenoid Control Circuit
P1676	GM	Driver 4 Line 6
P1677	GM	Driver 4 Line 7
P1680	GM	Driver 5 (ECU Malfunction)
P1681	GM	Driver 5 Line 1
P1682	GM	Driver 5 Line 2
P1683	GM	Driver 5 Line 3
P1684	GM	Driver 5 Line 4
P1685	GM	Driver 5 Line 5
P1686	GM	Driver 5 Line 6
P1687	GM	Driver 5 Line 7
P1689	GM	Delivered Torque Circuit Fault
P1690	GM	ECM Loop Overrun
P1691	GM	Coolant Gage Circuit Low Voltage
P1692	GM	Coolant Gage Circuit High Voltage
P1693	GM	Tachometer Circuit Low Voltage
P1694	GM	Tachometer Circuit High Voltage
P1695	GM	Remote Keyless Entry Circuit Low
P1696	GM	Remote Keyless Entry Voltage High
P1700	GM	Transmission Control Module (TCM) Requested MIL Illumination
P1701	GM	Trans. MIL Request Circuit
P1705	GM	P/N Signal Output Circuit
P1719	GM	Incorrect Shifting Detected (TCM)
P1740	GM	Torque Reduction Signal Circuit
P1743	GM	TP Signal from ECM

P1760	GM	TCM Supply Voltage Interrupted
P1779	GM	Engine Torque Delivered to TCM Signal
P1780	GM	Park/Neutral Position PNP Switch Circuit
P1781	GM	Engine Torque Signal Circuit
P1790	GM	Transmission Control Module Checksum
P1791	GM	Transmission Control Module Loop
P1792	GM	Transmission Control Module Reprogrammable Memory
P1793	GM	Wheel Speed Signal (2000+)
P1795	GM	CAN Bus - Throttle Body Position
P1800	GM	TCM Power Relay Control Circuit
P1801	GM	Performance Selector Switch Failure
P1804	GM	Ground Control Relay
P1810	GM	TFP Valve Position Switch Circuit
P1811	GM	Maximum Adapt and Long Shift
P1812	GM	Transmission Over Temperature Condition
P1813	GM	Torque Control
P1814	GM	Torque Converter Overstressed
P1815	GM	Transmission Range Switch - Start In Wrong Range
P1816	GM	TFP Valve Position Sw. - Park/Neu. With Drive Ratio
P1817	GM	TFP Valve Position Sw. - Reverse With Drive Ratio
P1818	GM	TFP Valve Position Sw. - Drive Without Drive Ratio
P1819	GM	Internal Mode Switch - No Start\Wrong Range
P1820	GM	Internal Mode Switch Circuit A Low
P1822	GM	Internal Mode Switch Circuit B High
P1823	GM	Internal Mode Switch Circuit P Low
P1825	GM	Internal Mode Switch - Invalid Range
P1826	GM	Internal Mode Switch Circuit C - High
P1831	GM	Pressure Control (PC) Solenoid Power Circuit - Low Voltage
P1832	GM	Pressure Control (PC)/Shift Lock Solenoid Control Circuit High Voltage
P1833	GM	A/T Solenoids Power Circuit - Low Voltage
P1834	GM	Torque Converter Clutch (TCC)/Shift Solenoid (SS) Control Circuit High Voltage
P1835	GM	Kick-Down Switch Circuit
P1836	GM	Kick-Down Switch Failed Open
P1837	GM	Kick-Down Switch Failed Short
P1842	GM	1-2 Shift Solenoid Circuit Low Voltage
P1843	GM	1-2 Shift Solenoid Circuit High Voltage
P1844	GM	Torque Reduction Signal Circuit Desired By TCM
P1845	GM	2-3 Shift Solenoid Circuit Low Voltage
P1847	GM	2-3 Shift Solenoid Circuit High Voltage
P1850	GM	Brake Band Apply Solenoid Circuit
P1851	GM	Brake Band Apply Solenoid Performance
P1852	GM	Brake Band Apply Solenoid Low Voltage
P1853	GM	Brake Band Apply Solenoid High Voltage
P1860	GM	TCC PWM Solenoid Circuit Electrical
P1864	GM	Torque Converter Clutch Circuit
P1865	GM	4-5 Shift Solenoid (SS) Valve Control Circuit High Voltage
P1866	GM	Torque Converter Clutch (TCC) Pulse Width Modulation (PWM) Solenoid Control Circuit Low Voltage
P1867	GM	Torque Converter Clutch (TCC) Pulse Width Modulation (PWM) Solenoid Control Circuit High Voltage
P1868	GM	Transmission Fluid Life
P1870	GM	Transmission Component Slipping
P1871	GM	Undefined Gear Ratio
P1873	GM	TCC Stator Temp. Switch Circuit Low
P1874	GM	TCC Stator Temp. Switch Circuit High
P1875	GM	4WD Low Switch Circuit Electrical
P1884	GM	TCC Enable/Shift Light Circuit
P1886	GM	Shift Timing Solenoid
P1887	GM	TCC Release Switch Circuit
P1890	GM	ECM Data Input Circuit
P1890	GM	Throttle Position Signal Input
P1891	GM	Throttle Position Sensor PWM Signal Low
P1892	GM	Throttle Position Sensor PWM Signal High
P1893	GM	Engine Torque Signal Low Voltage
P1894	GM	Engine Torque Signal High Voltage
P1895	GM	TCM to ECM Torque Reduction Circuit
P2008	GM	Intake Manifold Runner Control (IMRC) Solenoid Control Circuit
P2009	GM	Intake Manifold Runner Control (IMRC) Solenoid Control Circuit Low Voltage
P2010	GM	Intake Manifold Runner Control (IMRC) Solenoid Control Circuit High Voltage
P2066	GM	Fuel Level Sensor 2 Performance
P2067	GM	Fuel Level Sensor 2 Circuit Low Voltage
P2068	GM	Fuel Level Sensor 2 Circuit High Voltage
P2096	GM	Post Catalyst Fuel Trim System Low Limit
P2097	GM	Post Catalyst Fuel Trim System High Limit
P2098	GM	Post Catalyst Fuel Trim System Low Limit
P2099	GM	Post Catalyst Fuel Trim System High Limit
P2100	GM	Throttle Actuator Control (TAC) Motor Control Circuit
P2101	GM	Control Module Throttle Actuator Position Performance
P2105	GM	Throttle Actuator Control (TAC) System - Forced Engine Shutdown
P2107	GM	Throttle Actuator Control (TAC) Module Internal Circuit

P2108	GM	Throttle Actuator Control (TAC) Module Performance
P2119	GM	Throttle Closed Position Performance
P2120	GM	Accelerator Pedal Position (APP) Sensor 1 Circuit
P2121	GM	Accelerator Pedal Position (APP) Sensor 1 Performance
P2122	GM	Accelerator Pedal Position (APP) Sensor 1 Circuit Low Voltage
P2123	GM	Accelerator Pedal Position (APP) Sensor 1 Circuit High Voltage
P2125	GM	Accelerator Pedal Position (APP) Sensor 2 Circuit
P2127	GM	Accelerator Pedal Position (APP) Sensor 2 Circuit Low Voltage
P2128	GM	Accelerator Pedal Position (APP) Sensor 2 Circuit High Voltage
P2135	GM	Throttle Position (TP) Sensor 1-2 Correlation
P2138	GM	Accelerator Pedal Position (APP) Sensor 1-2 Correlation
P2176	GM	Minimum Throttle Position Not Learned
P2500	GM	Generator L-Terminal Circuit Low Voltage
P2501	GM	Generator L-Terminal Circuit High Voltage
P2535	GM	Ignition 1 Switch Circuit High Voltage (PCM)
P2610	GM	ECU Malfunction
P2763	GM	Short to voltage in the TCC Solenoid
P2764	GM	Open or Short to ground in the TCC PWM solenoid valve circuit
P2A00	GM	HO2S Circuit Closed Loop (CL) Performance Bank 1 Sensor 1 (PCM)
P2A01	GM	HO2S Circuit Closed Loop (CL) Performance Bank 1 Sensor 2 (PCM)
P3000	GM	Hacking AWH Data
U1000	GM	Class 2 Communication Malfunction
U1001	GM	U1254 Loss of XXX Communications
U1002	GM	Loss of serial communications for class 2 devices
U1003	GM	Loss of serial communications for class 2 devices
U1004	GM	Loss of serial communications for class 2 devices
U1005	GM	Loss of serial communications for class 2 devices
U1006	GM	Loss of serial communications for class 2 devices
U1007	GM	Loss of serial communications for class 2 devices
U1008	GM	Loss of serial communications for class 2 devices
U1009	GM	Loss of serial communications for class 2 devices
U1010	GM	Loss of serial communications for class 2 devices
U1011	GM	Loss of serial communications for class 2 devices
U1012	GM	Loss of serial communications for class 2 devices
U1013	GM	Loss of serial communications for class 2 devices
U1014	GM	Loss of serial communications for class 2 devices
U1015	GM	Loss of serial communications for class 2 devices
U1016	GM	Loss of Communications with PCM
U1017	GM	Loss of serial communications for class 2 devices
U1018	GM	Loss of serial communications for class 2 devices
U1019	GM	Loss of serial communications for class 2 devices
U1020	GM	Loss of serial communications for class 2 devices
U1021	GM	Loss of serial communications for class 2 devices
U1022	GM	Loss of serial communications for class 2 devices
U1023	GM	Loss of serial communications for class 2 devices
U1024	GM	Loss of serial communications for class 2 devices
U1025	GM	Loss of serial communications for class 2 devices
U1026	GM	Loss of ATC Class 2 Communication
U1027	GM	Loss of serial communications for class 2 devices
U1028	GM	Loss of serial communications for class 2 devices
U1029	GM	Loss of serial communications for class 2 devices
U1030	GM	Loss of serial communications for class 2 devices
U1031	GM	Loss of serial communications for class 2 devices
U1032	GM	Loss of serial communications for class 2 devices
U1033	GM	Loss of serial communications for class 2 devices
U1034	GM	Loss of serial communications for class 2 devices
U1035	GM	Loss of serial communications for class 2 devices
U1036	GM	Loss of serial communications for class 2 devices
U1037	GM	Loss of serial communications for class 2 devices
U1038	GM	Loss of Serial Communications for Class 2 Devices
U1039	GM	Loss of Serial Communications for Class 2 Devices
U1040	GM	Loss of Class 2 Communications with ABS
U1041	GM	Loss of EBCM Communication
U1042	GM	Lost Communications with Brake/Traction Control System
U1043	GM	Loss of Serial Communications for Class 2 Devices
U1044	GM	Loss of Serial Communications for Class 2 Devices
U1045	GM	Loss of Serial Communications for Class 2 Devices
U1046	GM	Loss of Serial Communications for Class 2 Devices
U1047	GM	Loss of Serial Communications for Class 2 Devices
U1048	GM	Loss of Serial Communications for Class 2 Devices
U1049	GM	Loss of Serial Communications for Class 2 Devices
U1050	GM	Loss of Serial Communications for Class 2 Devices
U1051	GM	Loss of Serial Communications for Class 2 Devices
U1052	GM	Loss of Serial Communications for Class 2 Devices
U1053	GM	Loss of Serial Communications for Class 2 Devices
U1054	GM	Loss of Serial Communications for Class 2 Devices
U1055	GM	Loss of Serial Communications for Class 2 Devices
U1056	GM	Loss of Communications with RSS

U1138	GM	Loss of serial communications for class 2 devices
U1139	GM	Loss of serial communications for class 2 devices
U1140	GM	Loss of serial communications for class 2 devices
U1141	GM	Loss of serial communications for class 2 devices
U1142	GM	Loss of serial communications for class 2 devices
U1143	GM	Loss of serial communications for class 2 devices
U1144	GM	Loss of Communications with PHN
U1145	GM	Loss Of NAV Communications
U1146	GM	Loss Of Onstar Communication
U1147	GM	Loss of serial communications for class 2 devices
U1148	GM	Loss of serial communications for class 2 devices
U1149	GM	Loss of serial communications for class 2 devices
U1150	GM	Loss of serial communications for class 2 devices
U1151	GM	Loss of serial communications for class 2 devices
U1152	GM	Loss Of ACM Serial Data Communication
U1153	GM	Loss of Communications with CCP
U1154	GM	Loss of serial communications for class 2 devices
U1155	GM	Loss of serial communications for class 2 devices
U1156	GM	Loss of serial communications for class 2 devices
U1157	GM	Loss of serial communications for class 2
U1158	GM	Loss of serial communications for class 2 devices
U1159	GM	Loss of serial communications for class 2 devices
U1160	GM	Loss of Communications with DDM
U1161	GM	Loss of PASS Door Module SBI
U1162	GM	Loss of Rear Driver Door Module SBI
U1163	GM	Loss of Rear PASS Door Module SBI
U1164	GM	Loss Of DIM Serial Data Communication
U1165	GM	Loss of serial communications for class 2 devices
U1166	GM	Loss of Communications with SCM
U1167	GM	Loss of serial communications for class 2 devices
U1168	GM	Loss Of TTM Communications
U1169	GM	Loss of Communications with MMM
U1170	GM	Loss of Driver Door Switch SBI
U1171	GM	Loss of serial communications for class 2 devices
U1172	GM	Loss of serial communications for class 2 devices
U1173	GM	Loss of serial communications for class 2 devices
U1174	GM	Loss of serial communications for class 2 devices
U1175	GM	Loss of serial communications for class 2 devices
U1176	GM	Loss Of RFA Communications
U1177	GM	Loss of serial communications for class 2 devices
U1178	GM	Loss of serial communications for class 2 devices
U1179	GM	Loss of serial communications for class 2 devices
U1180	GM	Loss of serial communications for class 2 devices
U1181	GM	Loss of serial communications for class 2 devices
U1182	GM	Loss of serial communications for class 2 devices
U1183	GM	Loss of serial communications for class 2 devices
U1184	GM	Loss of serial communications for class 2 devices
U1185	GM	Loss of serial communications for class 2 devices
U1186	GM	Loss of serial communications for class 2 devices
U1187	GM	Loss of serial communications for class 2 devices
U1188	GM	Loss of serial communications for class 2 devices
U1189	GM	Loss of serial communications for class 2 devices
U1190	GM	Loss of serial communications for class 2 devices
U1191	GM	Loss of serial communications for class 2 devices
U1192	GM	Loss of VTD Class 2 Serial Data Com
U1193	GM	Loss of VIM Class 2 Communication
U1194	GM	Loss of serial communications for class 2 devices
U1195	GM	Loss of serial communications for class 2 devices
U1196	GM	Loss of serial communications for class 2 devices
U1197	GM	Loss of serial communications for class 2 devices
U1198	GM	Loss of serial communications for class 2 devices
U1199	GM	Loss of serial communications for class 2 devices
U1200	GM	Loss of serial communications for class 2 devices
U1201	GM	Loss of serial communications for class 2 devices
U1202	GM	Loss of serial communications for class 2 devices
U1203	GM	Loss of serial communications for class 2 devices
U1204	GM	Loss of serial communications for class 2 devices
U1205	GM	Loss of serial communications for class 2 devices
U1206	GM	Loss of serial communications for class 2 devices
U1207	GM	Loss of serial communications for class 2 devices
U1208	GM	Loss of serial communications for class 2 devices
U1209	GM	Loss of serial communications for class 2 devices
U1210	GM	Loss of serial communications for class 2 devices
U1215	GM	Loss of serial communications for class 2 devices
U1220	GM	Loss of serial communications for class 2 devices
U1225	GM	Loss of serial communications for class 2 devices
U1230	GM	Loss of serial communications for class 2 devices
U1235	GM	Loss of serial communications for class 2 devices

U1240	GM	Loss of serial communications for class 2 devices
U1245	GM	Loss of serial communications for class 2 devices
U1250	GM	Loss of serial communications for class 2 devices
U1251	GM	Loss of serial communications for class 2 devices
U1252	GM	Loss of serial communications for class 2 devices
U1253	GM	Loss of serial communications for class 2 devices
U1254	GM	Loss of serial communications for class 2 devices
U1255	GM	Serial Data Line Malfunction
U1300	GM	Class 2 Short to Ground
U1301	GM	Class 2 Short to Battery
U1304	GM	Loss Of UART Communications
U1305	GM	Class 2 Data Link Low or High
U1500	GM	Inter-Device Dedicated Bus Malfunction
U2000	GM	Invalid BFC Transmitted SPI Data
U2001	GM	Invalid IPC Transmitted SPI Data
U2002	GM	SPI Data-In Low
U2003	GM	SPI Data-In High
U2004	GM	SPI Data-Out Low
U2005	GM	SPI Data-Out High
U2006	GM	SPI Clock-Out Low
U2007	GM	SPI Clock-Out High
U2050	GM	SIR PPS/CPS Communications Link malfunction
U2100	GM	CAN-BUS Communication Malfunction
U2102	GM	More Controllers on Bus than Programmed
U2103	GM	Fewer Controllers On Bus Than Programmed
U2104	GM	CAN Bus Reset Counter Overrun
U2105	GM	Lost Comm with Engine Control System
U2106	GM	Lost Comm with Trans Control System
U2107	GM	Lost Communications with Body Control System
U2108	GM	Lost Comm with ABS Control System
U2150	GM	Navigation ECU Gateway Communication Error
U2151	GM	Navigation ECU Communication Malfunction
U2153	GM	VICS ECU Communication Error
P1020	Honda	Valve Pause System Stuck Off
P1021	Honda	Valve Pause System Stuck On
P1025	Honda	Valve Pause System Sticking Off
P1026	Honda	Valve Pause System Sticking On
P1077	Honda	Intake Manifold Runner Control (IMRC) System Malfunction (Low rpm)
P1078	Honda	Intake Mainfold Runner Control (IMRC) System Malfunction (High rpm)
P1106	Honda	Barometric Pressure (BARO) Sensor Circuit Range / Performance Problem
P1107	Honda	Barometric Pressure (BARO) Sensor Circuit Low Voltage
P1108	Honda	Barometric Pressure (BARO) Sensor Circuit High Voltage
P1121	Honda	Throttle Position (TP) Sensor Lower Than Expected
P1122	Honda	Throttle Position (TP) Sensor Higher Than Expected
P1128	Honda	Manifold Absolute Pressure (MAP) Sensor Circuit Lower Than Expected
P1129	Honda	Manifold Absolute Pressure (MAP) Sensor Circuit Higher Than Expected
P1130	Honda	Demand for Changing Both Secondary Heated Oxygen Sensor (Secondary HO2S) (Sensor 2) and Third Heated Oxygen
P1149	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) Range / Performance Problem A/F sensor 03 - 020 6 of 10,or Air / Fuel Ratio Sensor
P1157	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) AFS Line High Voltage,or Air / Fuel Ratio (A/F) Sensor (Sensor 1) Circuit High
P1158	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) AFS - Terminal Low Voltage
P1159	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) AFS + Terminal Low Voltage
P1162	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) Slow Response A/F sensor
P1163	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) Slow Response A/F sensor,or Air / Fuel Ratio Sensor (Sensor 1) Slow Response A/F
P1164	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) Range / Performance Problem A/F sensor,or Air / Fuel Ratio (AF) Sensor (Sensor 1)
P1165	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) Range / Performance Problem A/F sensor,or Air / Fuel Ratio Sensor (Sensor 1)
P1166	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) Heater System Electrical Problem A/F sensor heater,or Heated Oxygen Sensor
P1167	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) Heater System Malfunction A/F sensor heater,or Heated Oxygen Sensor Sensor1
P1168	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) LABEL Low Voltage
P1169	Honda	Air / Fuel Ratio (A/F) Sensor (Sensor 1) LABEL High Voltage
P1182	Honda	Fuel Temperature Sensor Circuit Low Voltage
P1183	Honda	Fuel Temperature Sensor Circuit High Voltage
P1253	Honda	VTEC System Circuit Fault
P1259	Honda	VTEC System Circuit Fault (Bank 1)
P1297	Honda	Electric Load Detector (ELD) Circuit Low Voltage
P1298	Honda	Electric Load Detector (ELD) Circuit High Voltage
P1300	Honda	Random Misfire Misfire
P1324	Honda	Knock Sensor Power Source Circuit Low Voltage
P1336	Honda	Engine Speed (RPM) Fluctuation Sensor Intermittent Interruption
P1337	Honda	Engine Speed (RPM) Fluctuation Sensor No Signal
P1355	Honda	Front Ignition Coil Power Circuit Malfunction
P1359	Honda	Crankshaft Position (CKP) / Top Dead Center (TDC) Sensor Circuit Malfunction
P1361	Honda	Camshaft Position (CMP) Sensor A (Top Dead Center (TDC) Sensor) Intermittent Interruption,or Top Dead Center (TDC)
P1362	Honda	Camshaft Position (CMP) Sensor A (Top Dead Center (TDC) Sensor) No Signal,or Top Dead Center (TDC) Sensor No Signal
P1366	Honda	Camshaft Position (CMP) Sensor B (Top Dead Center (TDC) Sensor) Intermittent Interruption,or Top Dead Center (TDC)
P1367	Honda	Camshaft Position (CMP) Sensor B (Top Dead Center (TDC) Sensor) No Signal,or Top Dear Center (TDC) Sensor 2 No Signal
P1381	Honda	Cylinder Position (CYP) Sensor Intermittent Interruption
P1382	Honda	Cylinder Position (CYP) Sensor No Signal
P1410	Honda	Air Pump Malfunction (Air system)

P1415	Honda	Air Pump Electric Current Sensor Circuit Low Voltage (Air system)
P1416	Honda	Air Pump Electric Current Sensor Circuit High Voltage (Air system)
P1420	Honda	Nox Adsorptive Catalyst System Efficiency Below Threshold Catalytic converter
P1438	Honda	Motor Drive Module (MDM) Overheating Signal Circuit,or Motor Drive Module (MDM) Overheating
P1439	Honda	Motor Drive Module (MDM) Short Circuit Sensor Problem,or Motor Drive Module (MDM) Short Circuit
P1440	Honda	IMA System Problem
P1445	Honda	Bypass Control Problem
P1448	Honda	Battery Module Overheating
P1449	Honda	Battery Module Overheating,or Battery Cell Overheating,or Battery Module Individual Voltage Input Deviation,or Battery
P1454	Honda	Fuel Tank Pressure (FTP) Sensor Range / Performance Problem
P1456	Honda	Evaporative Emissions (EVAP) Control System Leakage (Fuel Tank System) EVAP
P1457	Honda	Evaporative Emissions (EVAP) Control System Leakage (EVAP Canister System) EVAP
P1459	Honda	Evaporative Emission (EVAP) Purge Flow Switch Malfunction
P1486	Honda	Cooling System Malfunction (Thermostat)
P1491	Honda	Exhaust Gas Recirculation (EGR) Valve Insufficient Lift (EGR)
P1498	Honda	Exhaust Gas Recirculation (EGR) Valve Position Sensor Circuit High Voltage
P1505	Honda	Positive Crankcase Ventilation (PCV) Air Leakage
P1508	Honda	Idle Air Control Valve (IACV) Circuit Malfunction
P1509	Honda	Idle Air Control Valve (IACV) Circuit Failure
P1519	Honda	Idle Air Control Valve (IACV) Circuit Malfunction
P1522	Honda	Brake Booster Pressure Sensor Circuit Low Voltage
P1523	Honda	Brake Booster Pressure Sensor Circuit High Voltage
P1524	Honda	Brake Booster Pressure Sensor Range / Performance Problem
P1541	Honda	Climate Control Unit Signal Circuit Low Voltage
P1542	Honda	Climate Control Unit Signal Circuit High Voltage
P1565	Honda	Motor Commutation Signal Problem
P1568	Honda	Battery Module Individual Voltage Input Problem,or Battery Module Temperature Signal Circuit Problem,or Battery Cell
P1572	Honda	Motor Drive Module (MDM) Temperature Signal Circuit Low Input,or Motor Drive Module (MDM) Temperature Signal
P1576	Honda	Motor Drive Module (MDM) Voltage Signal Circuit Low Input
P1577	Honda	High Voltage Detection Signal Circuit Problem
P1580	Honda	Battery Current Circuit Problem
P1581	Honda	Motor Power Inverter (MPI) Module Current Signal Circuit Low Input,or Motor Power Inverter (MPI) Module Current
P1582	Honda	Motor Current U Phase Signal Circuit Low Input,or Motor Current U Phase Signal Circuit High Input
P1583	Honda	Motor Current V Phase Signal Circuit Low Input,or Motor Current V Phase Signal Circuit High Input
P1584	Honda	Motor Current W Phase Signal Circuit Low Input,or Motor Current W Phase Signal Circuit High Input
P1585	Honda	Motor Current Signal Circuit Problem
P1586	Honda	Motor Power Inverter (MPI) Module Current Signal / Battery Current Signal Circuit Problem
P1607	Honda	Engine Control Module (ECM) / Powertrain Control Module (PCM) Internal Circuit Malfunction
P1630	Honda	Transmission Control Module
P1635	Honda	Battery Condition Monitor (BCM) Module Problem
P1639	Honda	MOTB Signal Circuit Malfunction
P1640	Honda	ACTTRQ Motor Torque Signal Circuit Low Input
P1641	Honda	ACTTRQ Motor Torque Signal Circuit High Input
P1642	Honda	QBATT Battery Signal Circuit Low Input
P1643	Honda	QBATT Battery Signal Circuit High Input
P1644	Honda	MOTFSA Signal Malfunction
P1645	Honda	MOTFSB Signal Malfunction
P1646	Honda	MOTSTB Signal Malfunction
P1647	Honda	Power Command Signal Circuit Low Input,or Power Command Signal Circuit High Input,or Engine Torque Signal Circuit
P1648	Honda	Battery Condition Monitor (BCM) Module Communication Signal Circuit Problem,or Motor Control Module (MCM)
P1655	Honda	CVT - FI TMA/TMB Signal Line Failure
P1656	Honda	Problem in PCM - toVTM - 4 Control Unit Communications Circuit
P1660	Honda	A/T - FI Data Line Failure / TCM - ECM Halt
P1676	Honda	FPTDR Signal Line Failure
P1678	Honda	FPTDR Signal Line Failure
P1679	Honda	RSCD Signal Circuit Malfunction
P1681	Honda	A/T FI Signal A Circuit Low Voltage
P1682	Honda	A/T FI Signal A Circuit High Voltage
P1683	Honda	Throttle Valve Default Position Spring Performance Problem
P1684	Honda	Throttle Valve Return Spring Performance Problem
P1686	Honda	A/T FI Signal B Circuit Low Voltage
P1687	Honda	A/T FI Signal B Circuit High Voltage
P1705	Honda	Short in Transmission Range Switch Circuit (More than one range position is on at the same time)
P1706	Honda	Open in Transmission Range Switch Circuit
P1709	Honda	Problem Transmission Gear Selection Switch Circuit DTC Detection Item Associated Monitor
P1730	Honda	Problem in Shift Control System: Shift Solenoid Valve A and D Stuck OFF,or Shift Solenoid Valve B Stuck ON,or Shift Valves
P1731	Honda	Problem in Shift Control System: Shift Solenoid Valve E Stuck ON,or Shift Valve E Stuck,or A/T Clutch Pressure Control
P1732	Honda	Problem in Shift Control System: Shift Solenoid Valve B and C Stuck ON,or Shift Valves B and C Stuck
P1733	Honda	Problem in Shift Control System: Shift Solenoid Valve D Stuck ON,or Shift Valve D Stuck,or A/T Clutch Pressure Control
P1734	Honda	Problem in Shift Control System: Shift Solenoid Valves B and C Stuck ON,or Shift Valves B and C Stuck
P1738	Honda	Problem in 2nd Clutch Pressure Switch Circuit
P1739	Honda	Problem in 3rd Clutch Pressure Switch Circuit
P1740	Honda	Problem in 4th Clutch Pressure Switch Circuit
P1750	Honda	Mechanical Problem in Hydraulic Control System of A/T Clutch Pressure Control Solenoid Valve Assemblies A and B,or
P1753	Honda	Problem in Torque Converter Clutch Solenoid Valve Circuit
P1768	Honda	Problem in Torque Converter Clutch Solenoid Valve B Circuit
P1773	Honda	Problem in A/T Clutch Pressure Control Solenoid Valve B Circuit
P1790	Honda	Throttle Position (TP) Sensor Circuit Malfunction

P1791	Honda	Vehicle Speed Sensor (VSS) Range / Performance Problem
P1792	Honda	Problem in Engine Coolant Temperature (ECT) Sensor Circuit
P1793	Honda	Manifold Absolute Pressure Sensor Circuit
P1870	Honda	Problem in CVT Speed Change Control Valve Assembly Circuit
P1873	Honda	Problem in CVT Pulley Pressure Control Valve Assembly Circuit
P1879	Honda	Problem in CVT Start Clutch Pressure Control Valve Assembly Circuit
P1882	Honda	Problem in Inhibitor Solenoid Circuit
P1884	Honda	Secondary Gear Speed Sensor 2 Circuit Malfunction
P1885	Honda	CVT Drive Pulley Speed Sensor Circuit
P1886	Honda	CVT Driven Pulley Speed Sensor Circuit
P1888	Honda	CVT Speed Sensor
P1889	Honda	Problem in CVT Speed Sensor 2 Circuit
P1890	Honda	Shift Control System
P1891	Honda	Problem in Start Clutch System
P1894	Honda	CVT Speed Change Control Valve Circuit
P1895	Honda	CVT Pulley Pressure Control Valve Circuit
P1100	Hyundai	Manifold Absolute Pressure Sensor Range / Performance
P1102	Hyundai	Manifold Absolute Pressure Sensor Circuit Low Input
P1103	Hyundai	Manifold Absolute Pressure Sensor Circuit High Input
P1123	Hyundai	Lang Term Fuel Trim Adaptive Too Lean
P1124	Hyundai	Long Term Fuel Trim Adaptive Too Rich
P1127	Hyundai	Long Term Fuel Trim Multiplier Too Rich
P1128	Hyundai	Long Term Fuel Trim Multiplier Too Lean
P1134	Hyundai	HO2S Bank 1 Sensor 1 Transition Time Switch (Bank 1 Sensor I)
P1147	Hyundai	ETS Sub Accel Position Sensor 1 Malfunction
P1151	Hyundai	ETS Main Accel Position Sensor 2 Malfunction
P1154	Hyundai	HO2S Bank 2 Sensor 1 Transition Time Switch (Bank 2 Sensor 1)
P1155	Hyundai	ETS Limp Home Valve
P1166	Hyundai	HO2S Bank 1 Sensor 1 Controller Adaptive Diagnosis Fault (Bank 1)
P1167	Hyundai	HO2S Bank 1 Sensor 1 Controller Adaptive Diagnosis Fault (Bank 2)
P1168	Hyundai	HO2S Bank 1 Sensor 1 Heater Power Incorrect (Bank 1 Sensor 2)
P1169	Hyundai	HO2S Bank 1 Sensor 1 Heater Power incorrect (Bank 2 Sensor 2)
P1171	Hyundai	Electronic Throttle System Open
P1172	Hyundai	Electronic Throttle System Motor Current
P1173	Hyundai	Electronic Throttle System Rationality Malfunction
P1174	Hyundai	Electronic Throttle System #1 Close Malfunction
P1175	Hyundai	Electronic Throttle System #2 Close Malfunction
P1176	Hyundai	ETS Motor Open/Short #1
P1178	Hyundai	ETS Motor Battery Voltage Open
P1330	Hyundai	Spark Timing Adjust Malfunction
P1372	Hyundai	Segment Time Incorrect
P1400	Hyundai	Manifold Differential Pressure Sensor Circuit
P1440	Hyundai	EVAP System Vent Solenoid Circuit
P1443	Hyundai	EVAP System Fault (Fuel Tank Cap Missing)
P1510	Hyundai	Idle Control Valve Opening Circuit Shorted (Coil 1)
P1511	Hyundai	Idle Control Valve Command Signal Shorted (Coil 2)
P1513	Hyundai	Idle Air Control Valve Opening Coil Circuit Open (Coil 1)
P1521	Hyundai	Power Steering Switch Input Circuit
P1529	Hyundai	Customer Snapshot Request VIA CAN
P1552	Hyundai	Idle Air Control Valve Closing Coil Circuit Shorted
P1553	Hyundai	Idle Air Control Valve Closing Coil Circuit Open
P1586	Hyundai	Encoding Signal Circuit Not Rationale
P1602	Hyundai	Serial Communication Fault with Transmission Control Unit
P1605	Hyundai	Rough Road Sensor Circuit
P1606	Hyundai	Rough Road Sensor Circuit Not Valid
P1607	Hyundai	Electronic Throttle System Communication Error
P1611	Hyundai	MIL Request Signal Circuit Low Input
P1613	Hyundai	ECU Self - Test Failed
P1614	Hyundai	MIL Request Signal Circuit High Input
P1616	Hyundai	Main Relay Fault
P1623	Hyundai	Diagnostic Lamp Power Stage Fault
P1624	Hyundai	MIL On Request Signal Cooling Fan Relay Low Circuit
P1625	Hyundai	Cooling Fan Relay High Circuit
P1632	Hyundai	Traction Control System Malfunction
P1665	Hyundai	Power Stage Group 'A' Fault
P1670	Hyundai	Power Stage Group 'B' Fault
P1715	Hyundai	Automatic Transmission Pulse Generator 'A' Circuit
P1750	Hyundai	Automatic Transmission Shift - Pressure or Damper Clutch Solenoid Fault
P1105	Infinity	MAP/BARO Switch Solenoid Valve
P1110	Infinity	Intake Valve Timing Control (Left Bank)
P1120	Infinity	Secondary Throttle Position Sensor (STPS)
P1125	Infinity	TPS Intermittant
P1130	Infinity	Swirl Control Valve Control Solenoid Valve
P1135	Infinity	Intake Valve Timing Control (Right Bank)
P1140	Infinity	Intake Valve Timing Control Position Sensor (Left Bank)
P1145	Infinity	Intake Valve Timing Control Position Sensor (Right Bank)
P1148	Infinity	Closed Loop Control (Bank 1)
P1165	Infinity	Swirl Control Valve Control Vacuum Check Switch

P1168	Infinity	Closed Loop Control (Bank 2)
P1210	Infinity	Traction Control System (TCS) Signal Circuit
P1220	Infinity	Fuel Pump Control Module (FPCM)
P1320	Infinity	Ignition Signal, Primary
P1335	Infinity	Crankshaft Position Sensor (CKPS) (Ref)
P1336	Infinity	Crankshaft Position Sensor (CKPS) (Cog)
P1400	Infinity	EGRC Solenoid Valve
P1401	Infinity	EGR Temperature Sensor
P1402	Infinity	EGR Function (Open)
P1440	Infinity	EVAP Control System (Small Leak) (Positive Pressure)
P1441	Infinity	VC/V Bypass Valve
P1443	Infinity	Canister Control Vacuum Check Switch
P1444	Infinity	Canister Purge Volume Control Solenoid Valve
P1445	Infinity	Purge Volume Control/V
P1446	Infinity	EVAP Canister Vent Control Valve (Close)
P1447	Infinity	EVAP Control System Purge Flow Monitoring
P1448	Infinity	EVAP Canister Vent Control Valve (Open)
P1490	Infinity	Vacuum Cut Valve Bypass Valve (Circuit)
P1491	Infinity	Vacuum Cut Valve Bypass Valve
P1492	Infinity	EVAP Canister Purge Control/Solenoid Valve (Circuit)
P1493	Infinity	EVAP Canister Purge Control Valve/Solenoid Valve
P1605	Infinity	A/T Diagnosis Communication Line
P1705	Infinity	Throttle Position Sensor
P1706	Infinity	PNP Switch
P1760	Infinity	Overrun Clutch Solenoid Valve
P1900	Infinity	Cooling Fan
P1106	Isuzu	MAP Circuit Intermittent Voltage High
P1107	Isuzu	MAP Circuit Intermittent Voltage Low
P1108	Isuzu	Barometric Pressure Circuit Input High
P1111	Isuzu	IAT Sensor Circuit Intermittent Voltage High
P1112	Isuzu	IAT Sensor Circuit Intermittent Voltage Low
P1114	Isuzu	ECT Sensor Circuit Intermittent Voltage Low
P1115	Isuzu	ECT Sensor Circuit Intermittent Voltage High
P1121	Isuzu	TP Sensor Circuit Intermittent Voltage High
P1122	Isuzu	TP Sensor Circuit Intermittent Voltage Low
P1133	Isuzu	H02S Insufficient Switching Bank 1 Sensor 1
P1134	Isuzu	H02S Transition Time Ratio Bank 1 Sensor 1
P1153	Isuzu	H02S Insufficient Switching Bank 2 Sensor 1
P1154	Isuzu	H02S Transition Time Ratio Bank 2 Sensor 1
P1171	Isuzu	Fuel System Lean During Acceleration
P1297	Isuzu	Electrical Load Detector Circuit Input Low
P1298	Isuzu	Electrical Load Detector Circuit Input High
P1300	Isuzu	Random Misfire
P1336	Isuzu	CKP System Variation Not Learned
P1359	Isuzu	CKP/TDC Sensor Disconnected
P1361	Isuzu	TDC Sensor Intermittent Interruption
P1362	Isuzu	TDC Sensor No Signal
P1380	Isuzu	ABS Rough Road System Fault
P1381	Isuzu	Cylinder Position Sensor Intermittent Interruption, Misfire Detected (Except 1998 Rodeo)
P1381	Isuzu	ABS Rough Road Class 2 Serial Data Fault Or Link Error (1998 Rodeo)
P1382	Isuzu	Cylinder Position Sensor No Signal
P1390	Isuzu	G Sensor Circuit Intermittent Voltage Low
P1391	Isuzu	G Sensor Performance
P1392	Isuzu	G Sensor Voltage Low
P1393	Isuzu	G Sensor Voltage High
P1394	Isuzu	G Sensor Intermittent Voltage High
P1404	Isuzu	EGR Valve Stuck Closed
P1406	Isuzu	EGR Valve Pintle Position Circuit
P1441	Isuzu	EVAP System Flow During Non-Purge
P1442	Isuzu	EVAP Vacuum Switch Voltage High During Ignition On
P1459	Isuzu	EVAP Emission Purge Flow Switch Malfunction
P1491	Isuzu	EGR Valve Lift Insufficient Detected
P1498	Isuzu	EGR Valve Lift Sensor Voltage High
P1508	Isuzu	IAC System RPM Low
P1509	Isuzu	IAC System RPM High
P1546	Isuzu	A/C Compressor Clutch Output Circuit Malfunction
P1548	Isuzu	A/C Compressor Clutch Output Circuit Malfunction
P1607	Isuzu	PCM Internal Circuit Failure ??A??
P1618	Isuzu	SPI Communications Error
P1625	Isuzu	PCM Unexpected Reset
P1627	Isuzu	PCM A/D Conversion Malfunction
P1635	Isuzu	5 Volt Reference Voltage Circuit Malfunction
P1640	Isuzu	ODM 1 Input Voltage High (Except 1998 Rodeo)
P1640	Isuzu	ODM Output ??A?? Circuit Fault (1998 Rodeo)
P1650	Isuzu	Quad Driver Module ??A?? Fault
P1790	Isuzu	Trans ROM Checksum Error
P1792	Isuzu	Trans EEPROM Checksum Error
P1835	Isuzu	Trans Kickdown Switch Malfunction

P1850	Isuzu	Brake Band Apply Solenoid Malfunction
P1860	Isuzu	TCC PWM Solenoid Circuit Failure
P1870	Isuzu	Transmission Component Slipping
B1200	Jaguar	Climate control push button - circuit failure
B1201	Jaguar	Fuel sender circuit failure
B1202	Jaguar	Fuel sender: circuit open
B1204	Jaguar	Fuel sender: circuit short to ground
B1205	Jaguar	Switch-1 assembly circuit failure
B1209	Jaguar	Electronic ignition control switch 2 assembly - circuit failure
B1213	Jaguar	Anti-theft number of programmed keys is below minimum
B1221	Jaguar	Left seat heater output - open load
B1222	Jaguar	Right seat heater output - open load
B1231	Jaguar	Longitudinal acceleration threshold exceeded
B1232	Jaguar	Inclination sensor self check fail
B1233	Jaguar	Glass break sensor failure
B1234	Jaguar	Mirror switch invalid code
B1235	Jaguar	Door glass feedback, failure
B1236	Jaguar	Door glass feedback, loss of signal
B1237	Jaguar	Door glass feedback, out of range
B1238	Jaguar	Over temperature test
B1239	Jaguar	Air flow blend door actuator - circuit failure
B1242	Jaguar	Recirculating air flow door actuator - circuit failure
B1246	Jaguar	Dim panel potentiometer switch circuit failure
B1250	Jaguar	In car temperature sensor circuit failure
B1251	Jaguar	In car temperature sensor - open circuit
B1253	Jaguar	In car temperature sensor - circuit short to ground
B1254	Jaguar	Ambient air temperature sensor circuit failure
B1255	Jaguar	Ambient air temperature sensor - open circuit
B1257	Jaguar	Ambient air sensor short circuit low fault
B1258	Jaguar	Solar sensor open circuit or short circuit low fault
B1259	Jaguar	Solar radiation sensor - circuit open
B1260	Jaguar	Solar radiation sensor - circuit short to battery
B1261	Jaguar	Solar radiation sensor - circuit short to ground
B1262	Jaguar	Defrost servo motor malfunction
B1263	Jaguar	Vent servo motor - circuit failure
B1264	Jaguar	Foot servo motor - circuit failure
B1265	Jaguar	Cool air bypass servo motor - circuit failure
B1266	Jaguar	Left air intake servo motor - circuit failure
B1267	Jaguar	Right air intake servo motor - circuit failure
B1268	Jaguar	Defrost servo motor potentiometer - circuit failure
B1271	Jaguar	Defrost servo motor potentiometer - circuit short to ground
B1272	Jaguar	Vent servo motor potentiometer - circuit failure
B1275	Jaguar	Vent servo motor potentiometer - circuit short to ground
B1276	Jaguar	Foot potentiometer open circuit or short circuit high fault
B1280	Jaguar	Cool air servo motor potentiometer - circuit failure
B1283	Jaguar	Cool air servo motor potentiometer - circuit short to ground
B1284	Jaguar	Left air intake servo motor potentiometer - circuit failure
B1287	Jaguar	Left air intake servo motor potentiometer - circuit short to ground
B1291	Jaguar	Right air intake servo motor potentiometer - circuit short to ground
B1292	Jaguar	Climate control relay - circuit failure
B1294	Jaguar	Climate control relay - circuit short to battery
B1297	Jaguar	Sensor 5V supply - open circuit fault
B1298	Jaguar	Sensor 5V supply - short circuit high fault
B1299	Jaguar	Sensor 5V supply - short circuit low fault
B1300	Jaguar	Power door lock - circuit failure
B1309	Jaguar	Power door lock - circuit short to ground
B1310	Jaguar	Power door unlock - circuit failure
B1312	Jaguar	Headlamp - short circuit to battery
B1313	Jaguar	Battery saver relay coil - circuit failure
B1314	Jaguar	Battery saver relay coil - circuit open
B1315	Jaguar	Battery saver relay coil circuit short to battery
B1317	Jaguar	Battery voltage high
B1318	Jaguar	Battery voltage low
B1319	Jaguar	Driver's door ajar - circuit failure
B1327	Jaguar	Passenger's door ajar - circuit failure
B1331	Jaguar	Luggage compartment lid ajar rear door - circuit failure
B1335	Jaguar	Door ajar rear right - circuit failure
B1341	Jaguar	Power door unlock - circuit short to ground
B1342	Jaguar	Internal ABS control module failure
B1352	Jaguar	Ignition key-in - circuit failure
B1355	Jaguar	Air conditioning control module permanent battery supply open circuit or short circuit low
B1359	Jaguar	Ignition run/accessory - circuit failure
B1400	Jaguar	Driver's door glass one touch relay - circuit short to battery
P1000	Jaguar	OBD Systems Readiness Test Not Complete
P1001	Jaguar	Key on engine running unable to complete; key on engine running aborted
P1100	Jaguar	Mass air flow sensor intermittent
P1101	Jaguar	Mass air flow sensor out of self test range
P1104	Jaguar	Mass Air Flow Sensor Circuit Ground

P1106	Jaguar	Bank 2 manifold absolute pressure range/performance problem
P1107	Jaguar	MAP Sensor Low Input
P1108	Jaguar	MAP Sensor High Input
P1111	Jaguar	System Pass
P1112	Jaguar	Intake Air Temperature 2 Circuit Low Input
P1113	Jaguar	Intake Air Temperature 2 Circuit High Input
P1116	Jaguar	Engine coolant temperature sensor out of self test range
P1117	Jaguar	Engine coolant temperature sensor intermittent
P1121	Jaguar	Pedal Position Sensor A Circuit Range/Performance
P1122	Jaguar	Pedal Position Sensor A Circuit Low Input
P1123	Jaguar	Pedal Position Sensor A Circuit High Input
P1124	Jaguar	Throttle position sensor out of self test range
P1125	Jaguar	Throttle position sensor intermittent
P1127	Jaguar	Exhaust not warm enough, downstream oxygen sensors not tested
P1128	Jaguar	Upstream oxygen sensors swapped from bank to bank
P1129	Jaguar	Downstream oxygen sensors swapped from bank to bank
P1130	Jaguar	Lack of HO2S-11 switch, adaptive fuel at limit
P1131	Jaguar	Lack of HO2S-11 switch, sensor indicates lean
P1132	Jaguar	Lack of HO2S-11 switch, sensor indicates rich
P1133	Jaguar	Bank 1 fuel control shifted lean
P1134	Jaguar	Bank 1 fuel control shifted rich
P1135	Jaguar	Pedal position sensor A intermittent
P1136	Jaguar	Control Box Fan Circuit
P1137	Jaguar	Lack Of HO2S12 Switches - Sensor Indicates Lean
P1138	Jaguar	Lack Of HO2S12 Switches - Sensor Indicates Rich
P1143	Jaguar	Air Assisted Injector Control Valve Range/Performance
P1144	Jaguar	Air Assisted Injector Control Valve Circuit
P1146	Jaguar	Alternator Load Low Input (same as P1245, added for Jag)
P1150	Jaguar	Lack of HO2S-21 switch, adaptive fuel at limit
P1151	Jaguar	Lack of HO2S-21 switch, sensor indicates lean
P1152	Jaguar	Lack of HO2S-21 switch, sensor indicates rich
P1153	Jaguar	Bank 2 fuel control shifted lean
P1154	Jaguar	Bank 2 fuel control shifted rich
P1157	Jaguar	Lack Of HO2S22 Switches - Sensor Indicates Lean
P1158	Jaguar	Lack Of HO2S22 Switches - Sensor Indicates Rich
P1171	Jaguar	System Too Lean - Banks 1 and 2 (Lean Fuel Fault)
P1172	Jaguar	System Too Rich - Banks 1 and 2 (Rich Fuel Fault)
P1174	Jaguar	System Too Lean - Banks 1 and 2 (Suspect HO2S)
P1175	Jaguar	System Too Rich - Banks 1 and 2 (Suspect HO2S)
P1176	Jaguar	Long Term Fuel Trim Too Lean - Banks 1 and 2 (FMFR)
P1177	Jaguar	Long Term Fuel Trim Too Rich - Banks 1 and 2 (FMFR)
P1178	Jaguar	Long Term Fuel Trim Too Lean - Banks 1 and 2 (AMFR)
P1179	Jaguar	Long Term Fuel Trim Too Rich - Banks 1 and 2 (AMFR)
P1183	Jaguar	Engine oil temperature sensor circuit malfunction
P1184	Jaguar	Engine oil temperature sensor out of self test range
P1185	Jaguar	O2 Sensor Heater Circuit Open - Hardware Fault
P1186	Jaguar	O2 Sensor Heater Circuit Shorted - Hardware Fault
P1187	Jaguar	O2 Sensor Heater Circuit Open - Inferred Fault
P1188	Jaguar	O2 Sensor Heater Circuit Resistance
P1189	Jaguar	O2 Sensor Heater Circuit Low Resistance Fault 1
P1190	Jaguar	O2 Sensor Heater Circuit Low Resistance Fault 2
P1191	Jaguar	O2 Sensor Heater Circuit Open - Hardware Fault
P1192	Jaguar	O2 Sensor Heater Circuit Shorted
P1193	Jaguar	O2 Sensor Heater Circuit Open - Inferred Fault
P1194	Jaguar	O2 Sensor Heater Circuit Resistance Fault
P1195	Jaguar	O2 Sensor Heater Circuit Low Resistance Fault 1
P1196	Jaguar	O2 Sensor Heater Circuit Low Resistance Fault 2
P1198	Jaguar	Fuel Level Input Circuit High
P1199	Jaguar	Fuel Level Input Circuit Low
P1201	Jaguar	Cylinder #1 Injector Circuit Open/Shorted
P1202	Jaguar	Cylinder #2 Injector Circuit Open/Shorted
P1203	Jaguar	Cylinder #3 Injector Circuit Open/Shorted
P1204	Jaguar	Cylinder #4 Injector Circuit Open/Shorted
P1205	Jaguar	Cylinder #5 Injector Circuit Open/Shorted
P1206	Jaguar	Cylinder #6 Injector Circuit Open/Shorted
P1207	Jaguar	Cylinder #7 Injector Circuit Open/Shorted
P1208	Jaguar	Cylinder #8 Injector Circuit Open/Shorted
P1214	Jaguar	Pedal position sensor B intermittent
P1215	Jaguar	Pedal position sensor C circuit low input
P1216	Jaguar	Driver demand sensor circuit 3 high input
P1217	Jaguar	Pedal position sensor C intermittent
P1221	Jaguar	Pedal Demand Sensor B Circuit Range/Performance
P1222	Jaguar	Pedal position sensor B circuit low input
P1223	Jaguar	Pedal demand sensor B circuit high input
P1224	Jaguar	Electronic Throttle Control Position Error
P1226	Jaguar	Mechanical Guard Circuit Range/Performance
P1227	Jaguar	Mechanical Guard Circuit Low Input
P1228	Jaguar	Mechanical Guard Circuit High Input

P1229	Jaguar	Electronic Throttle Control Circuit
P1230	Jaguar	Fuel Pump Relay
P1233	Jaguar	Fuel Pump Driver Module Disabled or Off Line (Fuel Pump Driver Module)
P1234	Jaguar	Fuel Pump Driver Module Disabled or Off Line (Fuel Pump Driver Module)
P1235	Jaguar	Fuel Pump Control out Of Range (Fuel Pump Driver Module/VLCM)
P1236	Jaguar	Fuel Pump Control Out Of Range (Fuel Pump Driver Module)
P1237	Jaguar	VSV 2 Circuit
P1238	Jaguar	VSV 3 Circuit
P1240	Jaguar	Sensor Power Supply
P1241	Jaguar	Sensor Power Supply Low Input
P1242	Jaguar	Sensor Power Supply High Input
P1243	Jaguar	Analog Ground
P1244	Jaguar	HACS Range / Performance
P1245	Jaguar	Crank Signal Low Input
P1246	Jaguar	Crank Signal High Input
P1250	Jaguar	Throttle Valve Spring
P1251	Jaguar	Throttle Position
P1252	Jaguar	Vacuum Solenoid Valve stuck on VA/VV
P1253	Jaguar	Vacuum Solenoid Valve Stuck on VR
P1254	Jaguar	Throttle valve spring (limp home) malfunction
P1260	Jaguar	Theft Detected, Vehicle Immobilized
P1270	Jaguar	Engine RPM or vehicle speed limit reached
P1290	Jaguar	Cylinder head over temperature sensor low input
P1299	Jaguar	Cylinder head over temperature protection active
P1309	Jaguar	Misfire monitor failure
P1313	Jaguar	Misfire Rate Catalyst Damage Fault - Bank 1
P1314	Jaguar	Misfire Rate Catalyst Damage Fault - Bank 2
P1315	Jaguar	Persistent Misfire
P1316	Jaguar	Misfire Rate Exceeds Emissions
P1335	Jaguar	CKPS Circuit Malfunction
P1336	Jaguar	Crankshaft/Camshaft Sensor Range/Performance
P1338	Jaguar	Fuel Pump Driver Module Communication Circuit (Fuel Pump Driver Module)
P1339	Jaguar	Fuel Pump Driver Module Communication Circuit (Fuel Pump Driver Module)
P1340	Jaguar	Camshaft Position Sensor B Circuit
P1341	Jaguar	Camshaft Position Sensor B Circuit Range/Performance
P1361	Jaguar	Ignition Coil, Cylinder #1, No Activation
P1362	Jaguar	Ignition Coil, Cylinder #2, No Activation
P1363	Jaguar	Ignition Coil, Cylinder #3, No Activation
P1364	Jaguar	Ignition Coil, Cylinder #4, No Activation
P1365	Jaguar	Ignition Coil, Cylinder #5, No Activation
P1366	Jaguar	Ignition Coil, Cylinder #6, No Activation
P1367	Jaguar	Ignition System Failure Group 1
P1368	Jaguar	Ignition System Failure Group 2
P1370	Jaguar	Insufficient RPM Increase During Spark Test
P1371	Jaguar	Ignition Coil - Cylinder 1 - Early Activation Fault
P1372	Jaguar	Ignition Coil - Cylinder 2 - Early Activation Fault
P1373	Jaguar	Ignition Coil - Cylinder 3 - Early Activation Fault
P1374	Jaguar	Ignition Coil - Cylinder 4 - Early Activation Fault
P1375	Jaguar	Ignition Coil - Cylinder 5 - Early Activation Fault
P1376	Jaguar	Ignition Coil - Cylinder 6 - Early Activation Fault
P1380	Jaguar	Variable camshaft timing solenoid 1 malfunction
P1381	Jaguar	Variable camshaft timing over advanced, bank 1
P1383	Jaguar	Variable camshaft timing over retarded, bank 1
P1384	Jaguar	Variable Valve Timing Solenoid A Circuit
P1385	Jaguar	Variable camshaft timing solenoid 2 malfunction
P1386	Jaguar	Variable camshaft timing over advanced, bank 2
P1388	Jaguar	Variable camshaft timing over retarded, bank 2
P1392	Jaguar	Variable Valve Timing Solenoid A Circuit Low Input
P1393	Jaguar	Variable Valve Timing Solenoid A Circuit High Input
P1396	Jaguar	Variable Valve Timing Solenoid B Circuit
P1397	Jaguar	Variable Valve Timing Solenoid B Circuit Low Input
P1398	Jaguar	Variable Valve Timing Solenoid B Circuit High Input
P1400	Jaguar	Exhaust Gas Recirculation Valve Position Control
P1401	Jaguar	Exhaust Gas Recirculation Valve Position Circuit
P1405	Jaguar	Delta pressure feedback sensor upstream hose off or plugged
P1408	Jaguar	Exhaust Gas Recirculation Thermister
P1409	Jaguar	Exhaust Gas Recirculation Valve Circuit
P1410	Jaguar	Air Cleaner Inlet Control Circuit
P1440	Jaguar	Purge Valve Stuck Open
P1441	Jaguar	ELC System 1
P1443	Jaguar	EVAP Valve Circuit Malfunction - B Bank
P1447	Jaguar	ELC System Closure Valve Flow
P1448	Jaguar	ELC System 2
P1450	Jaguar	Unable to bleed up fuel tank vacuum
P1451	Jaguar	Evaporative emission control system vent control valve circuit malfunction
P1453	Jaguar	Fuel Tank Pressure Relief Valve Malfunction
P1454	Jaguar	Evaporative Emission System Vacuum Test
P1460	Jaguar	Wide open throttle air conditioning cut-out circuit malfunction

P1461	Jaguar	Air conditioning pressure sensor circuit high input
P1462	Jaguar	Air conditioning pressure sensor circuit low input
P1463	Jaguar	Air conditioning pressure sensor: insufficient pressure change
P1464	Jaguar	Air conditioning demand out of self test range
P1474	Jaguar	Inter cooler water pump circuit malfunction
P1475	Jaguar	Fan Relay (Low) Circuit
P1476	Jaguar	Fan Relay (High) Circuit
P1496	Jaguar	Enhanced EVAP System Performance Fault 1 (Vacuum Test Failed, No Feedback Change)
P1500	Jaguar	Vehicle speed sensor intermittent
P1501	Jaguar	Vehicle speed sensor out of self test range
P1502	Jaguar	Vehicle speed input failed, intermittent fault
P1506	Jaguar	Idle Air Control System RPM Lower Than Expected - B Bank
P1507	Jaguar	Idle Air Control System RPM Higher Than Expected - B Bank
P1508	Jaguar	Idle Air Control Circuit Open
P1509	Jaguar	Idle Air Control Circuit Shorted
P1512	Jaguar	TPS Idle Switch Sense Circuit Low Voltage
P1513	Jaguar	TPS Idle Switch Sense Circuit High Voltage
P1514	Jaguar	High Load Neutral/Drive Fault
P1516	Jaguar	Gear Change Neutral/Drive Fault
P1517	Jaguar	Cranking Neutral/Drive Fault
P1532	Jaguar	Intake manifold communication control B: circuit malfunction
P1534	Jaguar	Restraint Deployment Indicator Circuit
P1549	Jaguar	Variable induction system 1 low/high input
P1567	Jaguar	Speed Control Output Circuit
P1568	Jaguar	Speed Control Unable to Hold Speed
P1571	Jaguar	Brake Switch
P1572	Jaguar	Brake pedal sensor out of self test range
P1573	Jaguar	Throttle Position Not Available
P1574	Jaguar	Throttle position sensor disagreement between sensors
P1576	Jaguar	Pedal position not available
P1577	Jaguar	Pedal position sensor disagreement between sensors
P1580	Jaguar	Electronic throttle monitor powertrain control module overrde
P1581	Jaguar	Electronic throttle monitor malfunction
P1582	Jaguar	Electronic Throttle Monitor Data Available
P1583	Jaguar	Electronic throttle monitor speed control disablement
P1584	Jaguar	Throttle control unit input circuit malfunction
P1585	Jaguar	Throttle control unit malfunction
P1586	Jaguar	Throttle control unit throttle position malfunction
P1587	Jaguar	Throttle control unit modulated command malfunction
P1588	Jaguar	Throttle control unit loss of return spring
P1589	Jaguar	Throttle control unit unable to control desired throttle angle
P1600	Jaguar	Loss Of KAM Power, Circuit Open
P1601	Jaguar	ECM/TCM Serial Communication Error
P1603	Jaguar	EEPROM Malfunction
P1605	Jaguar	Keep Alive Memory Test Failure
P1606	Jaguar	ECM Control Relay Output Circuit
P1607	Jaguar	MIL Output Circuit
P1608	Jaguar	Watchdog Malfunction
P1609	Jaguar	Internal Control Module CPU to CPU Communication Failure
P1611	Jaguar	Throttle Target Malfunction 1
P1612	Jaguar	Throttle Offset Malfunction
P1621	Jaguar	Engine control module engine immobilization input circuit malfunction
P1622	Jaguar	Engine control module engine immobilization input code malfunction
P1627	Jaguar	Module supply voltage out of range
P1629	Jaguar	Generator front right line failure
P1631	Jaguar	Throttle motor relay driver off malfunction
P1632	Jaguar	CAN message implausible
P1633	Jaguar	Main processor unit failure malfunction
P1634	Jaguar	Throttle watchdog circuit failure
P1635	Jaguar	Tire/axle ratio out of acceptable range
P1636	Jaguar	Inductive chip communication error
P1637	Jaguar	CAN Link ECM/ABS Control Module Circuit/Network
P1638	Jaguar	CAN Link ECM/INSTM Circuit/Network
P1641	Jaguar	Fuel Pump Primary Circuit
P1642	Jaguar	CAN Link Circuit
P1643	Jaguar	CAN Link Engine Control Module/Transmission Control Module Circuit/Network
P1646	Jaguar	Linear O2 Sensor Control Chip (Bank 1)
P1647	Jaguar	Linear O2 Sensor Control Chip (Bank 2)
P1648	Jaguar	Knock Sensor Input Chip
P1649	Jaguar	Flash memory - FCCP monitoring malfunction
P1650	Jaguar	Power steering pressure switch out of self test range
P1651	Jaguar	Power steering pressure switch input malfunction
P1656	Jaguar	Amplifier failure for valve sensor circuit malfunction
P1657	Jaguar	Throttle motor relay driver on malfunction
P1658	Jaguar	Throttle motor relay off malfunction
P1671	Jaguar	Secondary Fuel Pump Relay
P1696	Jaguar	CAN Link Engine Control Module/Cruise Control Module Circuit/Network
P1697	Jaguar	Cruise Control Distance-Control Input Circuit

P1700	Jaguar	Transmission Indeterminate Failure (Failed To Neutral)
P1720	Jaguar	Vehicle Speed (Meter) Circuit
P1722	Jaguar	Stall Speed
P1726	Jaguar	Engine Overspeed
P1730	Jaguar	Gear Control Malfunction 2,3,5
P1731	Jaguar	Inconsistent Gear Ratio
P1734	Jaguar	Gear Control Malfunction
P1745	Jaguar	Pressure Regulator 1
P1746	Jaguar	Pressure Regulator 2
P1747	Jaguar	Pressure Regulator 3
P1748	Jaguar	Pressure Regulator 5
P1758	Jaguar	Pressure Solenoid Control System Incorrect Current
P1775	Jaguar	Transmission System MIL Fault
P1776	Jaguar	Ignition Retard Request Duration
P1777	Jaguar	Ignition Retard Request Circuit
P1778	Jaguar	Transmission Reverse I/P Circuit
P1779	Jaguar	Load Control
P1789	Jaguar	Ignition Supply Malfunction
P1790	Jaguar	Ignition Supply Malfunction
P1791	Jaguar	Ignition Supply Malfunction
P1792	Jaguar	Ignition Supply Malfunction
P1793	Jaguar	Ignition Supply Malfunction
P1794	Jaguar	Battery Voltage Circuit
P1795	Jaguar	Inconsistent CAN Level
P1796	Jaguar	CAN Controller Circuit (Bus Off)
P1797	Jaguar	CAN TCM/ECM Circuit Malfunction
P1798	Jaguar	CAN TCM/INST Circuit Malfunction
P1799	Jaguar	CAN TCM/ABS Circuit Malfunction
P1882	Jaguar	Engine Coolant Level Switch Circuit Short To Ground
P1000	Kia	OBD Systems Readiness Test Not Complete
P1104	Kia	Mass Air Flow Sensor Circuit Ground
P1111	Kia	System Pass
P1121	Kia	Pedal Position Sensor A Circuit Range / Performance
P1122	Kia	Pedal Position Sensor A Circuit Low input
P1123	Kia	Pedal Position Sensor A Circuit High Input
P1136	Kia	Control Box Fan Circuit
P1137	Kia	Lack Of HO2S12 Switches - Sensor Indicates Lean
P1138	Kia	Lack Of HO2S12 Switches - Sensor Indicates Rich
P1143	Kia	Air Assisted Injector Control Valve Range / Performance
P1144	Kia	Air Assisted Injector Control Valve Circuit
P1157	Kia	Lack Of HO2S22 Switches - Sensor Indicates Lean
P1158	Kia	Lack Of HO2S22 Switches - Sensor Indicates Rich
P1171	Kia	System Too Lean - Banks 1 and 2 (Lean Fuel Fault)
P1172	Kia	System Too Rich - Banks 1 and 2 (Rich Fuel Fault)
P1174	Kia	System Too Lean - Banks 1 and 2 (Suspect HO2S)
P1175	Kia	System Too Rich - Banks 1 and 2 (Suspect HO2S)
P1176	Kia	Long Term Fuel Trim Too Lean - Banks 1 and 2 (FMFR)
P1177	Kia	Long Term Fuel Trim Too Rich - Banks 1 and 2 (FMFR)
P1178	Kia	Long Term Fuel Trim Too Lean - Banks 1 and 2 (AMFR)
P1179	Kia	Long Term Fuel Trim Too Rich - Banks 1 and 2 (AMFR)
P1185	Kia	O2 Sensor Heater Circuit Open - Hardware Fault
P1186	Kia	O2 Sensor Heater Circuit Shorted - Hardware Fault
P1187	Kia	O2 Sensor Heater Circuit Open - Inferred Fault
P1188	Kia	O2 Sensor Heater Circuit Resistance
P1189	Kia	O2 Sensor Heater Circuit Low Resistance Fault 1
P1190	Kia	O2 Sensor Heater Circuit Low Resistance Fault 2
P1191	Kia	O2 Sensor Heater Circuit Open - Hardware Fault
P1192	Kia	O2 Sensor Heater Circuit Shorted
P1193	Kia	O2 Sensor Heater Circuit Open - Inferred Fault
P1194	Kia	O2 Sensor Heater Circuit Resistance Fault
P1195	Kia	O2 Sensor Heater Circuit Low Resistance Fault 1
P1196	Kia	O2 Sensor Heater Circuit Low Resistance Fault 2
P1198	Kia	Fuel Level Input Circuit High
P1199	Kia	Fuel Level Input Circuit Low
P1201	Kia	Cylinder # 1 Injector Circuit Open / Shorted
P1202	Kia	Cylinder # 2 Injector Circuit Open / Shorted
P1203	Kia	Cylinder # 3 Injector Circuit Open / Shorted
P1204	Kia	Cylinder # 4 Injector Circuit Open / Shorted
P1205	Kia	Cylinder # 5 Injector Circuit Open / Shorted
P1206	Kia	Cylinder # 6 Injector Circuit Open / Shorted
P1207	Kia	Cylinder # 7 Injector Circuit Open / Shorted
P1208	Kia	Cylinder # 8 Injector Circuit Open / Shorted
P1221	Kia	Pedal Demand Sensor B Circuit Range / Performance
P1224	Kia	Electronic Throttle Control Position Error
P1226	Kia	Mechanical Guard Circuit Range / Performance
P1227	Kia	Mechanical Guard Circuit Low Input
P1228	Kia	Mechanical Guard Circuit High Input
P1229	Kia	Electronic Throttle Control Circuit

P1230	Kia	Fuel Pump Relay
P1235	Kia	VSV 1/2/3 Circuit Range / Performance
P1236	Kia	VSV 1 Circuit
P1237	Kia	VSV 2 Circuit
P1238	Kia	VSV 3 Circuit
P1240	Kia	Sensor Power Supply
P1241	Kia	Sensor Power Supply Low Input
P1242	Kia	Sensor Power Supply High Input
P1243	Kia	Analog Ground
P1245	Kia	Crank Signal Low Input
P1246	Kia	Crank Signal High Input
P1250	Kia	Throttle Valve Spring
P1251	Kia	Throttle Position
P1252	Kia	VSV stuck on VA/VV
P1253	Kia	VSV Stuck on VR
P1260	Kia	Theft Detected,Vehicle Immobilized
P1313	Kia	Misfire Rate Catalyst Damage Fault - Bank 1
P1314	Kia	Misfire Rate Catalyst Damage Fault - Bank 2
P1315	Kia	Persistent Misfire
P1316	Kia	Misfire Rate Exceeds Emissions
P1336	Kia	Crankshaft / Camshaft Sensor Range / Performance
P1340	Kia	Camshaft Position Sensor B Circuit
P1341	Kia	Camshaft Position Sensor B Circuit Range / Performance
P1361	Kia	Ignition Coil,Cylinder #1,No Activation
P1362	Kia	Ignition Coil,Cylinder #2,No Activation
P1363	Kia	Ignition Coil,Cylinder #3,No Activation
P1364	Kia	Ignition Coil,Cylinder #4,No Activation
P1365	Kia	Ignition Coil,Cylinder #5,No Activation
P1366	Kia	Ignition Coil,Cylinder #6,No Activation
P1367	Kia	Ignition System Failure Group 1
P1368	Kia	Ignition System Failure Group 2
P1370	Kia	Insufficient RPM Increase During Spark Test
P1371	Kia	Ignition Coil - Cylinder 1 - Early Activation Fault
P1372	Kia	Ignition Coil - Cylinder 2 - Early Activation Fault
P1373	Kia	Ignition Coil - Cylinder 3 - Early Activation Fault
P1374	Kia	Ignition Coil - Cylinder 4 - Early Activation Fault
P1375	Kia	Ignition Coil - Cylinder 5 - Early Activation Fault
P1376	Kia	Ignition Coil - Cylinder 6 - Early Activation Fault
P1384	Kia	Variable Valve Timing Solenoid A Circuit
P1392	Kia	Variable Valve Timing Solenoid A Circuit Low Input
P1393	Kia	Variable Valve Timing Solenoid A Circuit High Input
P1396	Kia	Variable Valve Timing Solenoid B Circuit
P1397	Kia	Variable Valve Timing Solenoid B Circuit Low Input
P1398	Kia	Variable Valve Timing Solenoid B Circuit High Input
P1400	Kia	Exhaust Gas Recirculation Valve Position Control
P1401	Kia	Exhaust Gas Recirculation Valve Position Circuit
P1408	Kia	Exhaust Gas Recirculation Thermister
P1409	Kia	Exhaust Gas Recirculation Valve Circuit
P1440	Kia	Purge Valve Stuck Open
P1441	Kia	ELC System 1
P1447	Kia	ELC System Closure Valve Flow
P1448	Kia	ELC System System 2
P1453	Kia	Fuel Tank Pressure Relief Valve Malfunction
P1454	Kia	Evaporative Emission Control System Vacuum Test
P1475	Kia	Fan Relay (Low) Circuit
P1476	Kia	Fan Relay (High) Circuit
P1508	Kia	Idle Air Control Circuit Open
P1509	Kia	Idle Air Control Circuit Shorted
P1514	Kia	High Load Neutral / Drive Fault
P1516	Kia	Gear Change Neutral / Drive Fault
P1517	Kia	Cranking Neutral / Drive Fault
P1534	Kia	Restraint Deployment Indicator Circuit
P1565	Kia	Speed Control Command Switch Out Of Range High
P1566	Kia	Speed Control Command Switch Out Of Range Low
P1567	Kia	Speed Control Output Circuit
P1568	Kia	Speed Control Unable to Hold Speed
P1571	Kia	Brake Switch
P1582	Kia	Electronic Throttle Monitor Data Available
P1600	Kia	Loss Of KAM Power,Cricuit Open
P1603	Kia	EEPROM Malfunction
P1605	Kia	Keep Alive Memory Test Failure
P1606	Kia	ECM Control Relay Output Circuit
P1607	Kia	MIL Output Circuit
P1608	Kia	Watchdog Malfunction
P1609	Kia	Internal Control Module CPU to CPU Communication Failure
P1611	Kia	Throttle Target Malfunction 1
P1612	Kia	Throttle Offset Malfunction
P1637	Kia	CAN Link ECM / ABS Control Module Circuit / Network

P1638	Kia	CAN Link ECM / INSTM Circuit / Network
P1641	Kia	Fuel Pump Primary Circuit
P1642	Kia	CAN Link Circuit
P1643	Kia	CAN Link Engine Control Module / Transmission Control Module Circuit / Network
P1646	Kia	Linear O2 Sensor Control Chip (Bank 1)
P1647	Kia	Linear O2 Sensor Control Chip (Bank 2)
P1648	Kia	Knock Sensor Input Chip
P1696	Kia	CAN Link Engine Control Module / Cruise Control Module Circuit / Network
P1697	Kia	Cruise Control Distance - Control Input Circuit
P1700	Kia	Transmission Indeterminate Failure (Failed to Neutral)
P1720	Kia	Vehicle Speed (Meter) Circuit
P1722	Kia	Stall Speed
P1726	Kia	Engine Overspeed
P1730	Kia	Gear Control Malfunction 2,3,5
P1731	Kia	Inconsistent Gear Ratio
P1734	Kia	Gear Control Malfunction
P1745	Kia	Pressure Regulator 1
P1746	Kia	Pressure Regulator 2
P1747	Kia	Pressure Regulator 3
P1748	Kia	Pressure Regulator 5
P1758	Kia	Pressure Solenoid Control System Incorrect Current
P1775	Kia	Transmission System MIL Fault
P1776	Kia	Ignition Retard Request Duration
P1777	Kia	Ignition Retard Request Circuit
P1778	Kia	Transmission Reverse I/P Circuit
P1779	Kia	Load Control
P1789	Kia	Ignition Supply Malfunction
P1790	Kia	Ignition Supply Malfunction
P1791	Kia	Ignition Supply Malfunction
P1792	Kia	Ignition Supply Malfunction
P1793	Kia	Ignition Supply Malfunction
P1794	Kia	Battery Voltage Circuit
P1795	Kia	Inconsistent CAN Level
P1796	Kia	CAN Controller Circuit (Bus off)
P1797	Kia	CAN TCM / ECM Circuit Malfunction
P1798	Kia	CAN TCM / INST Circuit Malfunction
P1799	Kia	CAN TCM / ABS Circuit Malfunction
P1882	Kia	Engine Coolant Level Switch Circuit Short To Ground
P1102	Lamborghini	HO2S - 11 heater circuit high voltage
P1105	Lamborghini	HO2S - 12 heater circuit high voltage
P1115	Lamborghini	HO2S - 11 heater circuit low voltage
P1117	Lamborghini	HO2S - 12 heater circuit low voltage
P1123	Lamborghini	Long term trim adaptive air system low
P1124	Lamborghini	Long term fuel trim adaptive air system high
P1127	Lamborghini	Long term fuel trim multiplicative air system low
P1128	Lamborghini	Long term fuel trim multiplicative air system high
P1140	Lamborghini	Load calculation cross check
P1170	Lamborghini	HO2S - 11 circuit voltage stuck at Mid - range
P1195	Lamborghini	EGR Boost or pressure sensor circuit fault
P1196	Lamborghini	Ignition switch start circuit fault
P1213	Lamborghini	Fuel injector 1 circuit high voltage
P1214	Lamborghini	Fuel injector 2 circuit high voltage
P1215	Lamborghini	Fuel injector 3 circuit high voltage
P1216	Lamborghini	Fuel injector 4 circuit high voltage
P1225	Lamborghini	Fuel injector 1 circuit low voltage
P1226	Lamborghini	Fuel injector 2 circuit low voltage
P1227	Lamborghini	Fuel injector 3 circuit low voltage
P1228	Lamborghini	Fuel injector 4 circuit low voltage
P1250	Lamborghini	Pressure regulator control solenoid circuit fault
P1345	Lamborghini	No SGC (CMP) signal to PCM
P1386	Lamborghini	Knock sensor control zero test
P1401	Lamborghini	EGR control solenoid circuit signal low
P1410	Lamborghini	EVAP purge control solenoid circuit high voltage
P1412	Lamborghini	EGR differential pressure sensor signal low
P1413	Lamborghini	EGR differential pressure sensor signal high
P1425	Lamborghini	EVAP purge control solenoid circuit low voltage
P1449	Lamborghini	Canister drain cut valve solenoid circuit fault
P1455	Lamborghini	Fuel tank sending unit circuit fault
P1458	Lamborghini	Air conditioning compressor clutch signal fault
P1485	Lamborghini	EGR Vent control solenoid circuit fault
P1486	Lamborghini	EGR vacuum control solenoid circuit fault
P1487	Lamborghini	EGR boost sensor solenoid circuit fault
P1510	Lamborghini	Idle air control valve closing coil high voltage
P1513	Lamborghini	Idle air control valve closing coil low voltage
P1515	Lamborghini	A/T to M/T codification
P1523	Lamborghini	VICS solenoid valve circuit fault
P1552	Lamborghini	Idle air control valve opening coil low voltage
P1553	Lamborghini	Idle air control valve opening coil high voltage

P1606	Lamborghini	Chassis accelerator sensor signal circuit fault
P1608	Lamborghini	PCM internal fault
P1611	Lamborghini	MIL request circuit low voltage
P1614	Lamborghini	MIL request circuit high voltage
P1616	Lamborghini	Chassis accelerator sensor signal low voltage
P1617	Lamborghini	Chassis accelerator sensor signal high voltage
P1624	Lamborghini	TCM to PCM MIL request signal circuit fault
P1655	Lamborghini	Unused power stage 'B'
P1660	Lamborghini	Power stage group 'B'
P1665	Lamborghini	Power stage group 'A'
P1743	Lamborghini	Torque converter clutch solenoid circuit fault
P1794	Lamborghini	Battery or circuit fault
P1797	Lamborghini	Clutch pedal switch (MT) - or - P/N switch circuit fault
P1130	Land Rover	Oxygen Sensor Fuel Trim at Limit *Codes* A U
P1131	Land Rover	Oxygen Sensor Engine Lean *Codes* A U
P1132	Land Rover	Oxygen Sensor Engine Rich *Codes* A U
P1137	Land Rover	Oxygen Sensor Engine Lean *Codes* A D
P1138	Land Rover	Oxygen Sensor Engine Rich *Codes* A D
P1150	Land Rover	Oxygen Sensor Fuel Trim at Limit *Codes* B U
P1151	Land Rover	Oxygen Sensor Engine Lean *Codes* B U
P1152	Land Rover	Oxygen Sensor Engine Rich *Codes* B U
P1157	Land Rover	Oxygen Sensor Engine Lean *Codes* B D
P1158	Land Rover	Oxygen Sensor Engine Rich *Codes* B D
P1171	Land Rover	Oxygen Sensor System Too Lean Fault Banks A & B
P1172	Land Rover	Oxygen Sensor System Too Rich Fault Banks A & B
P1176	Land Rover	Maximum Positive FMFR Correction Fault
P1177	Land Rover	Maximum Negative FMFR Correction Fault
P1178	Land Rover	Maximum Positive AMFR Correction Fault
P1179	Land Rover	Maximum Negative AMFR Correction Fault
P1185	Land Rover	Oxygen Sensor Heater Circuit Open Upstream
P1186	Land Rover	Oxygen Sensor Heater Circuit Short Upstream
P1187	Land Rover	Oxygen Sensor Heater Circuit Short Upstream
P1188	Land Rover	Oxygen Sensor Heater High Resistance Upstream
P1189	Land Rover	Oxygen Sensor Heater Type 1 Low Resistance Upstream
P1190	Land Rover	Oxygen Sensor Heater Type 2 Low Resistance Upstream
P1191	Land Rover	Oxygen Sensor Heater Circuit Open Downstream
P1192	Land Rover	Oxygen Sensor Heater Circuit Short Downstream
P1193	Land Rover	Oxygen Sensor Heater Circuit Open Downstream
P1194	Land Rover	Oxygen Sensor Heater High Resistance Downstream
P1195	Land Rover	Oxygen Sensor Heater Type 1 Low Resistance Downstream
P1196	Land Rover	Oxygen Sensor Heater Type 2 Low Resistance Downstream
P1199	Land Rover	Fuel Level Sensor Circuit Fault
P1201	Land Rover	Injector 1 Open Circuit or Ground Short Fault
P1202	Land Rover	Injector 2 Open Circuit or Ground Short Fault
P1203	Land Rover	Injector 3 Open Circuit or Ground Short Fault
P1204	Land Rover	Injector 4 Open Circuit or Ground Short Fault
P1205	Land Rover	Injector 5 Open Circuit or Ground Short Fault
P1206	Land Rover	Injector 6 Open Circuit or Ground Short Fault
P1207	Land Rover	Injector 7 Open Circuit or Ground Short Fault
P1208	Land Rover	Injector 8 Open Circuit or Ground Short Fault
P1313	Land Rover	Misfire Catalyst Damage Fault Bank A
P1314	Land Rover	Misfire Catalyst Damage Fault Bank B
P1315	Land Rover	Misfire Persistent Fault
P1316	Land Rover	Misfire Excessive Emissions Fault
P1317	Land Rover	ABS Rough Road Line Low Fault
P1318	Land Rover	ABS Rough Road Line High Fault
P1361	Land Rover	No Ignition Coil Activation Fault Coil 1
P1362	Land Rover	No Ignition Coil Activation Fault Coil 2
P1363	Land Rover	No Ignition Coil Activation Fault Coil 3
P1364	Land Rover	No Ignition Coil Activation Fault Coil 4
P1371	Land Rover	Early Ignition Coil Activation Fault Coil 1
P1372	Land Rover	Early Ignition Coil Activation Fault Coil 2
P1373	Land Rover	Early Ignition Coil Activation Fault Coil 3
P1374	Land Rover	Early Ignition Coil Activation Fault Coil 4
P1440	Land Rover	Evap System Purge Valve Stuck Open Fault
P1441	Land Rover	Evap System Purge Valve Flow 1 Fault
P1442	Land Rover	Evap System Purge Valve Blocked Fault
P1447	Land Rover	Evap System Purge Valve Open or Short Circuit Fault
P1448	Land Rover	Evap System Purge Valve Flow 2 Fault
P1508	Land Rover	Idle Speed Control Open Circuit Fault
P1509	Land Rover	Idle Speed Control Short Circuit Fault
P1514	Land Rover	Neutral Drive Load Fault
P1516	Land Rover	Neutral Drive Gear Change Fault
P1517	Land Rover	Neutral Drive Cranking Fault
P1607	Land Rover	Malfunction Indicator Lamp Short Circuit Fault
P1608	Land Rover	Malfunction Indicator Lamp Open Circuit Fault
P1620	Land Rover	Reprogramming Code Learn Fault
P1621	Land Rover	Serial Data Link Dead Fault

P1622	Land Rover	Repeated Wrong ECM Security Code Fault
P1623	Land Rover	ECM Security Code Fault
P1701	Land Rover	Transfer Box Line Fault
P1703	Land Rover	Transfer Box Line Open Circuit Fault
P1708	Land Rover	Transfer Box Line Short Circuit Fault
P1775	Land Rover	Gearbox Fault
P1776	Land Rover	Gearbox Ignition Retard Request Timeout Fault
P1777	Land Rover	Gearbox Ignition Retard Request Line Fault
B2785	Lexus	Ignition Switch On Malfunction (Immobilizer System)
B2786	Lexus	Ignition Switch Off Malfunction (Immobilizer System)
B2791	Lexus	Key Unlock Warning Switch Malfunction (Immobilizer System)
B2795	Lexus	Unmatch Key Code (Immobilizer System)
B2796	Lexus	No Communication In Immobilizer System
B2797	Lexus	Communication Malfunction No. 1 (Immobilizer System)
B2798	Lexus	Communication Malfunction No. 2 (Immobilizer System)
P1100	Lexus	BARO Sensor Circuit Malfunction
P1120	Lexus	Accelerator Pedal Position Sensor Circuit Malfunction
P1121	Lexus	Accelerator Pedal Position Sensor Range/Performance Problem
P1125	Lexus	Throttle Control Motor Circuit Malfunction
P1126	Lexus	Magnetic Clutch Circuit Malfunction
P1127	Lexus	ECTS Actuator Power Source Circuit Malfunction
P1128	Lexus	Throttle Control Motor Lock Malfunction
P1129	Lexus	Electronic Throttle Control System
P1130	Lexus	Air/Fuel Ratio Sensor Circuit Range/Performance Malfunction (Bank 1 Sensor 1)
P1133	Lexus	Air/Fuel Ratio Sensor Circuit Response Malfunction (Bank 1 Sensor 1)
P1135	Lexus	Air/Fuel Ratio Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)
P1150	Lexus	Air/Fuel Ratio Sensor Circuit Range/Performance Malfunction (Bank 2 Sensor 1)
P1153	Lexus	Air/Fuel Ratio Sensor Circuit Response Malfunction (Bank 2 Sensor 1)
P1155	Lexus	Air/Fuel Ratio Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)
P1200	Lexus	Fuel Pump Relay/ECU Circuit Malfunction
P1300	Lexus	Igniter Circuit Malfunction (Bank 1 Or No. 1)
P1305	Lexus	Igniter Circuit Malfunction, (Bank 2 Or No. 2)
P1310	Lexus	Igniter Circuit Malfunction (No. 3)
P1315	Lexus	Igniter Circuit Malfunction (No. 4)
P1320	Lexus	Igniter Circuit Malfunction (No. 5)
P1325	Lexus	Igniter Circuit Malfunction (No. 6)
P1330	Lexus	Igniter Circuit Malfunction (No. 7)
P1335	Lexus	CKP Sensor Circuit Malfunction During Engine Running
P1340	Lexus	Igniter Circuit Malfunction (No. 8)
P1345	Lexus	VVT Sensor Circuit Malfunction (Bank 1)
P1346	Lexus	VVT Sensor Rang/Performance Problem (Bank 1)
P1349	Lexus	VVT System Malfunction (Bank 1)
P1350	Lexus	VVT Sensor Circuit Malfunction (Bank 2)
P1351	Lexus	VVT Sensor Range/Performance Problem (Bank 2)
P1354	Lexus	VVT System Malfunction (Bank 2)
P1400	Lexus	Sub-TP Sensor Malfunction
P1401	Lexus	Sub-TP Sensor Range/Performance
P1410	Lexus	EGR Valve Position Sensor Circuit Malfunction
P1411	Lexus	EGR Valve Position Sensor Circuit Range/Performance Malfunction
P1500	Lexus	Starter Signal Circuit Malfunction
P1520	Lexus	Stop Lamp Switch Malfunction
P1565	Lexus	Cruise Control Main Switch Circuit Malfunction
P1566	Lexus	Cruise Control Main Switch Circuit Malfunction
P1600	Lexus	ECM BATT Malfunction
P1605	Lexus	Knock Control CPU Malfunction
P1633	Lexus	ECM Malfunction (ETCS Circuit)
P1645	Lexus	Body ECU Malfunction
P1656	Lexus	OCV Circuit Malfunction (Bank 1)
P1663	Lexus	OCV Circuit Malfunction (Bank 2)
P1780	Lexus	PNP Switch Malfunction
P1000	Lincoln	OBD System Readiness Test Not Complete
P1001	Lincoln	KOER Test Cannot Be Completed
P1039	Lincoln	Vehicle Speed Signal Missing or Improper
P1051	Lincoln	Brake Switch Signal Missing or Improper
P1100	Lincoln	Mass Air Flow Sensor Intermittent
P1101	Lincoln	Mass Air Flow Sensor Out of Self-Test Range
P1105	Lincoln	Dual Alternator Upper Fault
P1106	Lincoln	Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
P1107	Lincoln	Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
P1108	Lincoln	Dual Alternator Battery Lamp Circuit Malfunction
P1109	Lincoln	IAT - B Sensor Intermittent
P1111	Lincoln	System Pass
P1112	Lincoln	Intake Air Temperature Sensor Intermittent
P1114	Lincoln	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT - B Circuit Low Input
P1115	Lincoln	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT - B Circuit High Input
P1116	Lincoln	Engine Coolant Temperature Sensor is Out of Self-Test Range
P1117	Lincoln	Engine Coolant Temperature Sensor Intermittent
P1118	Lincoln	Manifold Absolute Temperature Circuit Low Input

P1119	Lincoln	Manifold Absolute Temperature Circuit High Input
P1120	Lincoln	Throttle Position Sensor Out of Range
P1121	Lincoln	Throttle Position Sensor Inconsistent with Mass Air Flow Sensor
P1122	Lincoln	Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
P1123	Lincoln	Throttle Position Sensor In Range But Higher Than Expected
P1124	Lincoln	Throttle Position Sensor Out of Self-Test Range
P1125	Lincoln	Throttle Position Sensor Intermittent
P1127	Lincoln	Exhaust Not Warm Enough - Downstream O2 Sensor Not Tested
P1128	Lincoln	Upstream Heated Oxygen Sensor Signals Reversed
P1129	Lincoln	Downstream Heated Oxygen Sensor Signals Reversed
P1130	Lincoln	Lack of Upstream Heated Oxygen Sensor Switch - Adaptive Fuel Limit - Bank 1
P1131	Lincoln	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 1
P1132	Lincoln	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 1
P1133	Lincoln	Bank 1 Fuel Control Shifted Lean
P1134	Lincoln	Bank 1 Fuel Control Shifted Rich
P1135	Lincoln	Pedal Position Sensor A Circuit Intermittent
P1137	Lincoln	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 1
P1138	Lincoln	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 1
P1139	Lincoln	Water In Fuel Indicator Circuit Malfunction
P1140	Lincoln	Water In Fuel Condition
P1141	Lincoln	Fuel Restriction Indicator Circuit Malfunction
P1142	Lincoln	Fuel Restriction Condition
P1150	Lincoln	Lack of Upstream Heated Oxygen Sensor Switch - Adaptive Fuel Limit - Bank 2
P1151	Lincoln	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 2
P1152	Lincoln	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 2
P1153	Lincoln	Bank 2 Fuel Control Shifted Lean
P1154	Lincoln	Bank 2 Fuel Control Shifted Rich
P1155	Lincoln	Alternative Fuel Controller
P1157	Lincoln	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 2
P1158	Lincoln	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 2
P1168	Lincoln	Fuel Rail Sensor In-Range Low Failure
P1169	Lincoln	Fuel Rail Sensor In-Range High Failure
P1170	Lincoln	ESO - Engine Shut Off Solenoid Fault
P1171	Lincoln	Rotor Sensor Fault
P1172	Lincoln	Rotor Control Fault
P1173	Lincoln	Rotor Calibration Fault
P1174	Lincoln	Cam Sensor Fault
P1175	Lincoln	Cam Control Fault
P1176	Lincoln	Cam Calibration Fault
P1177	Lincoln	Synchronization Fault
P1180	Lincoln	Fuel Delivery System Malfunction - Low
P1181	Lincoln	Fuel Delivery System Malfunction - High
P1183	Lincoln	Engine Oil Temperature Circuit Malfunction
P1184	Lincoln	Engine Oil Temperature Out Of Self Test Range
P1185	Lincoln	FTS High - Fuel Pump Temperature Sensor High
P1186	Lincoln	FTS Low - Fuel Pump Temperature Sensor Low
P1187	Lincoln	Variant Selection
P1188	Lincoln	Calibration Memory Fault
P1189	Lincoln	Pump Speed Signal Fault
P1190	Lincoln	Calibration Resistor Out Of Range
P1191	Lincoln	Key Line Voltage
P1192	Lincoln	Voltage External
P1193	Lincoln	EGR Drive Overcurrent
P1194	Lincoln	ECU A/D Converter
P1195	Lincoln	SCP HBCC Failed To Initialize
P1196	Lincoln	Key Off Voltage High
P1197	Lincoln	Key Off Voltage Low
P1198	Lincoln	Pump Rotor Control Underfueling
P1209	Lincoln	Injector Control Pressure System Fault
P1210	Lincoln	Injector Control Pressure Above Expected Level
P1211	Lincoln	Injector Control Pressure Sensor Above / Below Desired
P1212	Lincoln	Injector Control Pressure Not Detected During Crank
P1213	Lincoln	Start Injector Circuit Malfunction
P1214	Lincoln	Pedal Position Sensor B Circuit Intermittent
P1215	Lincoln	Pedal Position Sensor C Circuit Low Input
P1216	Lincoln	Pedal Position Sensor C Circuit High Input
P1217	Lincoln	Pedal Position Sensor C Circuit Intermittent
P1218	Lincoln	CID High
P1219	Lincoln	CID Low
P1220	Lincoln	Series Throttle Control Fault
P1221	Lincoln	Traction Control System Malfunction
P1222	Lincoln	Traction Control Output Circuit Malfunction
P1223	Lincoln	Pedal Demand Sensor B Circuit High Input
P1224	Lincoln	Throttle Position Sensor B Out of Self-Test Range
P1227	Lincoln	Wastegate Failed Closed (Over Pressure)
P1228	Lincoln	Wastegate Failed Open (Under Pressure)
P1229	Lincoln	Intercooler Pump Driver Fault
P1230	Lincoln	Open Power to Fuel Pump Circuit

P1231	Lincoln	High Speed Fuel Pump Relay Activated
P1232	Lincoln	Low Speed Fuel Pump Primary Circuit Failure
P1233	Lincoln	Fuel Pump Driver Module Off-Line
P1234	Lincoln	Fuel Pump Driver Module Off-Line
P1235	Lincoln	Fuel Pump Control Out of Range
P1236	Lincoln	Fuel Pump Control Out of Range
P1237	Lincoln	Fuel Pump Secondary Circuit Fault
P1238	Lincoln	Fuel Pump Secondary Circuit Fault
P1239	Lincoln	Speed Fuel Pump Positive Feed Fault
P1243	Lincoln	Second Fuel Pump Faulty or Ground Fault
P1244	Lincoln	Alternator Load Input Failed High
P1245	Lincoln	Alternator Load Input Failed Low
P1246	Lincoln	Alternator Load Input Failed
P1247	Lincoln	Turbo Boost Pressure Low
P1248	Lincoln	Turbo Boost Pressure Not Detected
P1249	Lincoln	Wastegate Control Valve Performance
P1250	Lincoln	Lack of Power to FPRC Solenoid
P1252	Lincoln	Pedal Correlation PDS1 and LPDS High
P1253	Lincoln	Pedal Correlation PDS1 and LPDS Low
P1254	Lincoln	Pedal Correlation PDS2 and LPDS High
P1255	Lincoln	Pedal Correlation PDS2 and LPDS Low
P1256	Lincoln	Pedal Correlation PDS1 and HPDS
P1257	Lincoln	Pedal Correlation PDS2 and HPDS
P1258	Lincoln	Pedal Correlation PDS1 and PDS2
P1260	Lincoln	Theft Detected - Engine Disabled
P1261	Lincoln	Cylinder #1 High To Low Side Short
P1262	Lincoln	Cylinder #2 High To Low Side Short
P1263	Lincoln	Cylinder #3 High To Low Side Short
P1264	Lincoln	Cylinder #4 High To Low Side Short
P1265	Lincoln	Cylinder #5 High To Low Side Short
P1266	Lincoln	Cylinder #6 High To Low Side Short
P1267	Lincoln	Cylinder #7 High To Low Side Short
P1268	Lincoln	Cylinder #8 High To Low Side Short
P1270	Lincoln	Engine RPM or Vehicle Speed Limiter Reached
P1271	Lincoln	Cylinder #1 High To Low Side Open
P1272	Lincoln	Cylinder #2 High To Low Side Open
P1273	Lincoln	Cylinder #3 High To Low Side Open
P1274	Lincoln	Cylinder #4 High To Low Side Open
P1275	Lincoln	Cylinder #5 High To Low Side Open
P1276	Lincoln	Cylinder #6 High To Low Side Open
P1277	Lincoln	Cylinder #7 High To Low Side Open
P1278	Lincoln	Cylinder #8 High To Low Side Open
P1280	Lincoln	Injection Control Pressure Out Of Range Low
P1281	Lincoln	Injection Control Pressure Out Of Range High
P1282	Lincoln	Excessive Injection Control Pressure
P1283	Lincoln	IPR Circuit Failure
P1284	Lincoln	Aborted KOER - ICP Failure
P1285	Lincoln	Cylinder head over temp sensed
P1286	Lincoln	Fuel Pulse In Range But Lower Than Expected
P1287	Lincoln	Fuel Pulse In Range But Higher Than Expected
P1288	Lincoln	Cylinder Head Temperature Sensor Out of Self-Test Range
P1289	Lincoln	Cylinder Head Temperature Sensor Signal Greater Than Self-Test Range
P1290	Lincoln	Cylinder Head Temperature Sensor Signal Less Than Self-Test Range
P1291	Lincoln	Injector High Side Short To GND Or VBATT - Bank 1
P1292	Lincoln	Injector High Side Short To GND Or VBATT - Bank 2
P1293	Lincoln	Injector High Side Open - Bank 1
P1294	Lincoln	Injector High Side Open - Bank 2/Target idle not reached
P1295	Lincoln	Multi-faults - Bank 1 - With Low Side Shorts
P1296	Lincoln	Multi-faults - Bank 2 - With Low Side Shorts
P1297	Lincoln	Injector High Sides Shorted Together
P1298	Lincoln	IDM Failure
P1299	Lincoln	Cylinder Head Temperature Sensor Detected Engine Overheating Condition
P1300	Lincoln	Boost Calibration Fault
P1301	Lincoln	Boost Calibration High
P1302	Lincoln	Boost Calibration Low
P1303	Lincoln	EGR Calibration Fault
P1304	Lincoln	EGR Calibration High
P1305	Lincoln	EGR Calibration Low
P1306	Lincoln	Kickdown Relay Pull - In Circuit Fault
P1307	Lincoln	Kickdown Relay Hold Circuit Fault
P1308	Lincoln	A/C Clutch Circuit Fault
P1309	Lincoln	Misfire Detection Monitor Not enabled
P1316	Lincoln	Injector Circuit / IDM Codes Detected
P1317	Lincoln	Injector Circuit / IDM Codes Not Updated
P1340	Lincoln	Camshaft Position Sensor B Circuit Malfunction
P1351	Lincoln	Ignition Diagnostic Monitor Circuit Input Fault
P1352	Lincoln	Ignition Coil A - Primary Circuit Fault
P1353	Lincoln	Ignition Coil B - Primary Circuit Fault

P1354	Lincoln	Ignition Coil C - Primary Circuit Fault
P1355	Lincoln	Ignition Coil D - Primary Circuit Fault
P1356	Lincoln	Loss of Ignition Diagnostic Module Input to PCM
P1357	Lincoln	Ignition Diagnostic Monitor Pulsewidth Not Defined
P1358	Lincoln	Ignition Diagnostic Monitor Signal Out of Self-Test Range
P1359	Lincoln	Spark Output Circuit Fault
P1360	Lincoln	Ignition Coil A Secondary Circuit Malfunction
P1361	Lincoln	Ignition Control (IC) Circuit Low Voltage
P1362	Lincoln	Ignition Coil C Secondary Circuit Malfunction
P1363	Lincoln	Ignition Coil D Secondary Circuit Malfunction
P1364	Lincoln	Ignition Coil Primary Circuit Fault
P1365	Lincoln	Ignition Coil Secondary Circuit Failure
P1369	Lincoln	Engine Temperature Light Monitor Failure
P1380	Lincoln	VCT Solenoid Valve Circuit Short or Open
P1381	Lincoln	Cam Timing Advance is excessive
P1383	Lincoln	Cam Timing Advance is excessive
P1385	Lincoln	Variable Cam Timing Solenoid B Malfunction
P1386	Lincoln	Variable Cam Timing Overadvanced (Bank #2)
P1388	Lincoln	Variable Cam Timing Overretarded (Bank #2)
P1389	Lincoln	Glow Plug Circuit High Side Low Input
P1390	Lincoln	Octane Adjust Out of Self-Test Range
P1391	Lincoln	Glow Plug Circuit Low Input (Bank #1)
P1392	Lincoln	Glow Plug Circuit High Input (Bank #1)
P1393	Lincoln	Glow Plug Circuit Low Input (Bank #2)
P1394	Lincoln	Glow Plug Circuit High Input (Bank #2)
P1395	Lincoln	Glow Plug Monitor Fault (Bank #1)
P1396	Lincoln	Glow Plug Monitor Fault (Bank #2)
P1397	Lincoln	System Voltage Out Of Self Test Range
P1399	Lincoln	Glow Plug Circuit High Side, High Input
P1400	Lincoln	Differential Pressure Feedback Electronic Sensor Circuit Low Voltage
P1401	Lincoln	Differential Pressure Feedback Electronic Sensor Circuit High Voltage
P1402	Lincoln	EGR Metering Orifice Restricted
P1403	Lincoln	Differential Pressure Feedback Electronic Sensor Hoses Reversed
P1404	Lincoln	IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance
P1405	Lincoln	Differential Pressure Feedback Electronic Sensor Circuit Upstream Hose
P1406	Lincoln	Differential Pressure Feedback Electronic Sensor Circuit Downstream Hose
P1407	Lincoln	EGR No Flow Detected
P1408	Lincoln	EGR Flow Out of Self-Test Range
P1409	Lincoln	EGR Vacuum Regulator Circuit malfunction
P1410	Lincoln	EGR Barometric Pressure Sensor VREF Voltage
P1411	Lincoln	Secondary Air is Not being diverted
P1413	Lincoln	Secondary Air Injection System Monitor Circuit Low Voltage
P1414	Lincoln	Secondary Air Injection System Monitor Circuit High Voltage
P1431	Lincoln	Misfire Monitor Disabled, Unable to Learn Trigger Wheel Profile
P1442	Lincoln	Secondary Air Injection System Monitor Circuit High Voltage
P1443	Lincoln	Evaporative Emission Control System - Vacuum System - Purge Control Solenoid or Purge Control Valve Fault
P1444	Lincoln	Purge Flow Sensor Circuit Input Low
P1445	Lincoln	Purge Flow Sensor Circuit Input High
P1450	Lincoln	Inability of Evaporative Emission Control System to Bleed Fuel Tank
P1451	Lincoln	EVAP Control System Canister Vent Solenoid Circuit Malfunction
P1452	Lincoln	Inability of Evaporative Emission Control System to Bleed Fuel Tank
P1455	Lincoln	Substantial Leak or Blockage in Evaporative Emission Control System
P1457	Lincoln	Unable To Pull Vacuum In Tank
P1460	Lincoln	Wide Open Throttle Air Conditioning Cutoff Circuit malfunction
P1461	Lincoln	Air Conditioning Pressure Sensor Circuit Low Input
P1462	Lincoln	Air Conditioning Pressure Sensor Circuit high Input
P1463	Lincoln	Air Conditioning Pressure Sensor Insufficient Pressure change
P1464	Lincoln	ACCS to PCM High During Self-Test
P1465	Lincoln	A/C Relay Circuit Malfunction
P1466	Lincoln	A/C Refrigerant Temperature Sensor/Circuit Malfunction
P1469	Lincoln	Low Air Conditioning Cycling Period
P1473	Lincoln	Fan Secondary High with Fans Off
P1474	Lincoln	Low Fan Control Primary Circuit
P1479	Lincoln	High Fan Control Primary Circuit
P1480	Lincoln	Fan Secondary Low with Low Fans On
P1481	Lincoln	Fan Secondary Low with High Fans On
P1482	Lincoln	SCP
P1483	Lincoln	Power to Cooling Fan Exceeded Normal Draw
P1484	Lincoln	Variable Load Control Module Pin 1 Open
P1485	Lincoln	EGRV Circuit Malfunction
P1500	Lincoln	Vehicle Speed Sensor Intermittent
P1501	Lincoln	Programmable Speedometer & Odometer Module/Vehicle Speed Sensor Intermittent Circuit-failure
P1502	Lincoln	Invalid or Missing Vehicle Speed Message or Brake Data
P1504	Lincoln	Intake Air Control Circuit malfunction
P1505	Lincoln	Idle Air Control System at Adaptive Clip
P1506	Lincoln	Idle Air Control Over Speed Error
P1507	Lincoln	Idle Air Control Under Speed Error
P1512	Lincoln	Intake Manifold Runner Control Stuck Closed

P1513	Lincoln	Intake Manifold Runner Control Stuck Closed
P1516	Lincoln	Intake Manifold Runner Control Input Error
P1517	Lincoln	Intake Manifold Runner Control Input Error
P1518	Lincoln	Intake Manifold Runner Control Fault - Stuck Open
P1519	Lincoln	Intake Manifold Runner Control Stuck Open
P1520	Lincoln	Intake Manifold Runner Control Circuit Fault
P1530	Lincoln	Open or Short to A/C Compressor Clutch Circuit
P1531	Lincoln	Invalid Test - Accelerator Pedal Movement
P1532	Lincoln	IMCC Circuit Malfunction, Bank B
P1533	Lincoln	AAI Circuit Malfunction
P1534	Lincoln	Inertia Switch Activated
P1536	Lincoln	Parking Brake Switch Circuit Failure
P1537	Lincoln	Intake Manifold Runner Control Stuck Open
P1538	Lincoln	Intake Manifold Runner Control Stuck Open
P1539	Lincoln	Power to A/C Compressor Clutch Circuit Exceeded Normal Current Draw
P1549	Lincoln	Intake Manifold Temperature Valve Vacuum Actuator Connection
P1550	Lincoln	Power Steering Pressure Sensor Out of Self-Test Range
P1565	Lincoln	Speed Control Command Switch Out of Range High
P1566	Lincoln	Speed Control Command Switch Out of Range Low
P1567	Lincoln	Speed Control Output Circuit Continuity
P1568	Lincoln	Speed Control Unable to Hold Speed
P1572	Lincoln	Brake Pedal Switch Circuit Malfunction
P1573	Lincoln	Throttle Position Not Available
P1574	Lincoln	Throttle Position Sensor Disagreement btwn Sensors
P1575	Lincoln	Pedal Position Out of Self Test Range
P1576	Lincoln	Pedal Position Not Available
P1577	Lincoln	Pedal Position Sensor Disagreement btwn Sensors
P1578	Lincoln	ETC Power Less Than Demand
P1579	Lincoln	ETC In Power Limiting Mode
P1580	Lincoln	Electronic Throttle Monitor PCM Override
P1581	Lincoln	Electronic Throttle Monitor Malfunction
P1582	Lincoln	Electronic Throttle Monitor Data Available
P1583	Lincoln	Electronic Throttle Monitor Cruise Disable
P1584	Lincoln	Throttle Control Detected ETB Malfunction
P1585	Lincoln	Throttle Control Unit Malfunction
P1586	Lincoln	Throttle Control Unit Throttle Position Malfunction
P1587	Lincoln	Throttle Control Unit Modulated Command Malfunction
P1588	Lincoln	Throttle Control Unit Detected Loss of Return Spring
P1589	Lincoln	Throttle Control Unit Unable To Control Desired Throttle Angle
P1600	Lincoln	Loss of KAM Power - Open Circuit
P1605	Lincoln	PCM Keep Alive Memory Test Error
P1625	Lincoln	Voltage to Vehicle Load Control Module Fan Circuit Not detected
P1626	Lincoln	Voltage to Vehicle Load Control Module Circuit Not detected
P1634	Lincoln	Data Output Link Circuit Failure
P1635	Lincoln	Tire / Axle Ratio Out of Acceptable Range
P1636	Lincoln	Inductive Signature Chip Communication Error
P1639	Lincoln	Vehicle ID Block Corrupted or Not Programmed
P1640	Lincoln	Powertrain DTCs Available in Another Module
P1641	Lincoln	Fuel Pump Primary Circuit Failure
P1642	Lincoln	Fuel Pump Monitor Circuit High Input
P1643	Lincoln	Fuel Pump Monitor Circuit Low Input
P1644	Lincoln	Fuel Pump Speed Control Circuit Malfunction
P1650	Lincoln	Power Steering Pressure Switch Out of Self-Test Range
P1651	Lincoln	Power Steering Pressure Switch Input Fault
P1656	Lincoln	CAN Link PCM - PCM Circuit - Network
P1657	Lincoln	CAN Link Chip Malfunction
P1660	Lincoln	Output Circuit Check Signal High
P1661	Lincoln	Output Circuit Check Signal Low
P1662	Lincoln	IDM_EN Circuit Failure
P1663	Lincoln	Fuel Demand Command Signal Circuit Malfunction
P1667	Lincoln	CI Circuit Malfunction
P1668	Lincoln	PCM - IDM Communications Error
P1670	Lincoln	Electronic Feedback Signal Not Detected
P1690	Lincoln	Wastegate Solenoid Circuit Malfunction
P1700	Lincoln	Transmission system problems
P1701	Lincoln	Reverse Engagement Error
P1702	Lincoln	Transmission system problems
P1703	Lincoln	Brake On/Off Switch Out of Self-Test Range
P1704	Lincoln	Transmission system problems
P1705	Lincoln	Manual Lever Position Sensor Out of Self-Test Range
P1706	Lincoln	High Vehicle Speed Observed in Park
P1707	Lincoln	Transfer Case Neutral Indicator Hard Fault Present
P1709	Lincoln	Park or Neutral Position Switch Out of Self-Test Range
P1710	Lincoln	Transmission system problems
P1711	Lincoln	Transmission Fluid Temperature Sensor Out of Self-Test Range
P1712	Lincoln	Trans Torque Reduction Request Signal Malfunction
P1713	Lincoln	TFT Sensor In Range Failure Low Value
P1714	Lincoln	SSA Inductive Signature Malfunction

P1715	Lincoln	SSB Inductive Signature Malfunction
P1716	Lincoln	SSC Inductive Signature Malfunction
P1717	Lincoln	SSD Inductive Signature Malfunction
P1718	Lincoln	TFT Sensor In Range Failure High
P1720	Lincoln	Vehicle Speed (Meter) Circuit Malfunction
P1721	Lincoln	Gear 1 Incorrect Ratio
P1722	Lincoln	Gear 2 Incorrect Ratio
P1723	Lincoln	Gear 3 incorrect Ratio
P1724	Lincoln	Gear 4 Incorrect Ratio
P1725	Lincoln	Insufficient Engine Speed Increase During Self Test
P1726	Lincoln	Insufficient Engine Speed Decrease During Self Test
P1727	Lincoln	Coast Clutch Solenoid Inductive Signature Malfunction
P1728	Lincoln	Transmission Slip Error
P1729	Lincoln	4x4 Low Switch Error
P1731	Lincoln	1-2 Shift Malfunction
P1732	Lincoln	2-3 Shift Malfunction
P1733	Lincoln	3-4 Shift Malfunction
P1740	Lincoln	Transmission system problems
P1741	Lincoln	Torque Converter Clutch Control Error
P1742	Lincoln	Torque Converter Clutch Solenoid Faulty
P1743	Lincoln	Torque Converter Clutch Solenoid Faulty
P1744	Lincoln	Torque Converter Clutch System Stuck in Off Position
P1745	Lincoln	Transmission system problems
P1746	Lincoln	Electronic Pressure Control Solenoid A - Open Circuit
P1747	Lincoln	Electronic Pressure Control Solenoid A- Short Circuit
P1748	Lincoln	EPC Malfunction
P1749	Lincoln	Electronic Pressure Control Solenoid Failed Low
P1751	Lincoln	Shift Solenoid A Performance
P1754	Lincoln	Coast Clutch Solenoid Circuit malfunction
P1756	Lincoln	Shift Solenoid B Performance
P1760	Lincoln	Transmission system problems
P1761	Lincoln	Shift Solenoid C Performance
P1762	Lincoln	Overdrive Band Failed Off
P1766	Lincoln	Shift Solenoid D Performance
P1767	Lincoln	Torque Converter Clutch Circuit Malfunction
P1768	Lincoln	Performance / Normal / Winter Mode Input Malfunction
P1770	Lincoln	Clutch Solenoid Circuit Malfunction
P1779	Lincoln	Transmission Control Indicator Lamp Circuit Malfunction
P1780	Lincoln	Transmission Control Switch Circuit is Out of Self-Test Range
P1781	Lincoln	4x4 Low Switch is Out of Self-Test Range
P1782	Lincoln	P/ES Circuit Out Of Self Test Range
P1783	Lincoln	Transmission Over-Temperature Condition
P1784	Lincoln	Transmission Mechanical Failure - First And Reverse
P1785	Lincoln	Transmission Mechanical Failure - First And Second
P1786	Lincoln	3-2 Downshift Error
P1787	Lincoln	2-1 Downshift Error
P1788	Lincoln	Pressure Control Solenoid "B" Open Circuit
P1789	Lincoln	Pressure Control Solenoid "B" Short Circuit
P1795	Lincoln	Idle Switch Circuit Malfunction
P1804	Lincoln	Transmission 4-Wheel Drive High Indicator Circuit Failure
P1806	Lincoln	Transmission 4-Wheel Drive High Indicator Short Circuit To Battery
P1808	Lincoln	Transmission 4-Wheel Drive Low Indicator Circuit Failure
P1810	Lincoln	TFP Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator Short Circuit To Battery
P1812	Lincoln	Transmission 4-Wheel Drive Mode Select Circuit Failure
P1815	Lincoln	Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1819	Lincoln	Transmission Neutral Safety Switch Short Circuit To Ground
P1820	Lincoln	Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1822	Lincoln	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1824	Lincoln	Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1826	Lincoln	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery
P1828	Lincoln	Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
P1830	Lincoln	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery
P1832	Lincoln	Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1834	Lincoln	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
P1838	Lincoln	Transmission Transfer Case Shift Motor Circuit Failure
P1846	Lincoln	Transmission Transfer Case Contact Plate 'A' Circuit Failure
P1850	Lincoln	Transmission Transfer Case Contact Plate 'B' Circuit Failure
P1854	Lincoln	Transmission Transfer Case Contact Plate 'C' Circuit Failure
P1858	Lincoln	Transmission Transfer Case Contact Plate 'D' Circuit Failure
P1866	Lincoln	Transmission Transfer Case System Concern - Servicing Required
P1867	Lincoln	Transmission Transfer Case Contact Plate General Circuit Failure
P1876	Lincoln	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure
P1877	Lincoln	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery
P1881	Lincoln	Engine Coolant Level Switch Circuit Failure, GEM
P1882	Lincoln	Engine Coolant Level Switch Circuit Short to Ground
P1883	Lincoln	Engine Coolant Level Switch Circuit Failure, GEM
P1884	Lincoln	Engine Coolant Level Lamp Circuit Short to Ground
P1891	Lincoln	Transmission Transfer Case Contact Plate Ground Return Open Circuit

P1900	Lincoln	Output Shaft Speed (OSS) Circuit Intermittent Malfunction
P1901	Lincoln	Turbine Shaft Speed (TSS) Circuit Intermittent Malfunction
P1902	Lincoln	Kickdown Solenoid Relay Control Circuit
P1903	Lincoln	Kickdown Solenoid Circuit Low Voltage
P1904	Lincoln	Kickdown Solenoid Circuit High Voltage
P1000	Mazda	OBD II Monitor Testing Not Completed
P1001	Mazda	Unable to Achieve Self-Test Function or SCP Error
P1100	Mazda	Mass Airflow Sensor Circuit Intermittent
P1101	Mazda	Mass Airflow Sensor Circuit out of Self-Test Range
P1102	Mazda	Mass Airflow Sensor Signal Inconsistent with Throttle Position Sensor
P1103	Mazda	Mass Airflow Sensor Signal Inconsistent with Engine Speed
P1110	Mazda	Intake Air Temperature Sensor Signal (Dynamic Chamber) Circuit
P1112	Mazda	Intake Air Temperature Sensor Circuit Intermittent
P1113	Mazda	Intake Air Temperature Sensor Signal (Dynamic Chamber) Circuit
P1114	Mazda	Intake Air Temperature Sensor Circuit Low Input
P1116	Mazda	ECT Sensor Circuit Out of Self Test Range
P1117	Mazda	ECT Sensor Signal Intermittent
P1120	Mazda	Throttle Position Sensor out of Range Low
P1121	Mazda	Throttle Position Sensor Signal Not Consistent with Mass Airflow Signal
P1122	Mazda	Throttle Position Stuck Closed
P1123	Mazda	Throttle Position Stuck Open
P1124	Mazda	Throttle Position Sensor Signal Out of Self Test Range
P1125	Mazda	Throttle Position Sensor Signal Intermittent
P1127	Mazda	HO2S Bank 1 Sensor 2 Heater Not On During Key On Engine Running Self Test
P1128	Mazda	HO2S Bank 1 Sensor 1 Signals Swapped in Key On Engine Running Self Test
P1130	Mazda	HO2S Bank 1 Sensor 1 Not Switching (Fuel Control Limit Reached)
P1131	Mazda	HO2S Bank 1 Sensor 1 Signal Below 0.45v (A/F Ratio Too Lean)
P1132	Mazda	HO2S Bank 1 Sensor 1 Signal Above 0.45v (A/F Ratio Too Rich)
P1135	Mazda	HO2S Bank 1 Sensor 1 Heater Circuit Low Input
P1136	Mazda	HO2S Bank 1 Sensor 1 Heater Circuit High Input
P1137	Mazda	HO2S Bank 1 Sensor 2 Not Switching (Fuel Control Limit Reached)
P1138	Mazda	HO2S Bank 1 Sensor 2 Signal Above 0.45v (A/F Ratio Too Rich)
P1141	Mazda	HO2S Bank 1 Sensor 2 Heater Circuit Low Input
P1142	Mazda	HO2S Bank 1 Sensor 2 Heater Circuit High Input
P1143	Mazda	HO2S Bank 1 Sensor 3 Signal Below 0.45v (A/F Ratio Too Lean)
P1144	Mazda	HO2S Bank 1 Sensor 3 Signal Above 0.45v (A/F Ratio Too Rich)
P1150	Mazda	HO2S Bank 2 Sensor 1 Not Switching (Fuel Control Limit Reached)
P1151	Mazda	HO2S Bank 2 Sensor 1 Signal Below 0.45v (A/F Ratio Too Lean)
P1152	Mazda	HO2S Bank 2 Sensor 1 Signal Above 0.45v (A/F Ratio Too Rich)
P1169	Mazda	HO2S Bank 1 Sensor 1 Circuit Fixed (Bank 1 Sensor 1)
P1170	Mazda	HO2S Bank 1 Sensor 1 Circuit Fixed (Bank 1 Sensor 1)
P1173	Mazda	HO2S Bank 2 Sensor 1 Circuit Fixed (Bank 2 Sensor 1)
P1195	Mazda	EGR Boost Sensor Circuit
P1196	Mazda	Ignition Switch Start Circuit
P1235	Mazda	Fuel Pump Control Circuit
P1236	Mazda	Fuel Pump Control Out Range
P1250	Mazda	Pressure Regulator Control Solenoid Circuit
P1252	Mazda	Pressure Regulator Control Solenoid '2' Circuit
P1260	Mazda	Anti-Theft System Signal Detected - Engine Disabled
P1270	Mazda	Engine RPM or Vehicle Speed Limit Reached
P1309	Mazda	Misfire Detection Monitor
P1345	Mazda	No CMP or SGC Signal
P1351	Mazda	Ignition Diagnostic Monitor Signal Lost to PCM or Out Of Range
P1352	Mazda	Ignition Coil 'A' Primary Circuit
P1353	Mazda	Ignition Coil 'B' Primary Circuit
P1354	Mazda	Ignition Coil 'C' Primary Circuit
P1358	Mazda	Ignition Diagnostic Monitor Signal Out Of Self Test Range
P1359	Mazda	SPOUT Signal Lost To Powertrain Control Module Or Out Of Range
P1360	Mazda	Ignition Coil 'A' Secondary Circuit
P1361	Mazda	Ignition Coil 'B' Secondary Circuit
P1362	Mazda	Ignition Coil 'C' Secondary Circuit
P1364	Mazda	Ignition Coil Primary Circuit
P1365	Mazda	Ignition Coil Secondary Circuit
P1390	Mazda	Octane Adjust Shorting Bar Out or Circuit Open
P1400	Mazda	DPFE Sensor Circuit Low Input
P1401	Mazda	DPFE Sensor Circuit High Input
P1402	Mazda	EGR Valve Position Sensor Circuit
P1405	Mazda	DPFE Sensor Upstream Hose Off Or Plugged
P1406	Mazda	DPFE Sensor Downstream Hose Off or Plugged
P1407	Mazda	No EGR Flow Detected
P1408	Mazda	EGR System Flow Out of Key On Engine Running Self Test Range
P1409	Mazda	EGR Vacuum Regulator Solenoid Circuit
P1410	Mazda	EGR Boost Solenoid Valve Stuck
P1443	Mazda	EVAP System Purge Flow Fault
P1444	Mazda	EVAP Purge Flow Sensor Circuit Low Voltage
P1446	Mazda	EVAP Purge Flow Sensor Circuit High Voltage
P1449	Mazda	CDCV or Throttle PositionCV Circuit
P1450	Mazda	EVAP Control System Fault

P1451	Mazda	Canister Vent Solenoid Circuit
P1455	Mazda	Fuel Tank Level Sensor Circuit
P1460	Mazda	Wide Open Throttle A/C Cut-Off Relay Circuit
P1464	Mazda	Air Conditioning Control Signal Circuit
P1474	Mazda	Fan Control (Primary Winding) Circuit
P1479	Mazda	Fan Control (Condenser Primary) Circuit
P1485	Mazda	EGR Vacuum Solenoid Circuit
P1486	Mazda	EGR Vent Solenoid Circuit
P1487	Mazda	EGR-CHK (Boost) Solenoid Circuit
P1496	Mazda	EGR Valve Motor Coil '1' Open or Shorted
P1497	Mazda	EGR Valve Motor Coil '2' Open or Shorted
P1498	Mazda	EGR Valve Motor Coil '3' Open or Shorted
P1499	Mazda	EGR Valve Motor Coil '4' Open or Shorted
P1500	Mazda	Vehicle Speed Sensor Intermittent Signal
P1501	Mazda	Vehicle Speed Sensor Out of Self Test Range
P1502	Mazda	Vehicle Speed Sensor Circuit Error
P1504	Mazda	Idle Air Control Solenoid Circuit Intermittent
P1505	Mazda	Idle Air Control System at Adaptive Clip
P1506	Mazda	Idle Air Control System Overspeed Detected
P1507	Mazda	Idle Air Control System Underspeed Detected
P1508	Mazda	Bypass Air Solenoid '1' Circuit
P1509	Mazda	Bypass Air Solenoid '2' Circuit
P1512	Mazda	VTCS Fault
P1521	Mazda	VRIS Solenoid '1' Circuit
P1522	Mazda	VRIS Solenoid '2' Circuit
P1523	Mazda	VICS Solenoid Circuit
P1524	Mazda	Charge Air Cooler Bypass Solenoid Circuit
P1525	Mazda	ABV Vacuum Solenoid Circuit
P1526	Mazda	ABV Vent Solenoid Circuit
P1529	Mazda	L/C Atmospheric Balance Air Control Valve Circuit
P1540	Mazda	ABV System Fault
P1562	Mazda	Powertrain Control Module +BB Voltage Low
P1569	Mazda	VTCS Circuit Low Input
P1570	Mazda	VTCS Circuit High Input
P1601	Mazda	Powertrain Control Module Communication Line to TCM Error
P1602	Mazda	Immobilizer System Communication Error with Powertrain Control Module
P1603	Mazda	Immobilizer System Fault
P1604	Mazda	Immobilizer System Fault
P1605	Mazda	Powertrain Control Module Keep Alive Memory Test Error
P1608	Mazda	Powertrain Control Module (ECM CPU) DTC Test Fault
P1609	Mazda	Powertrain Control Module (ECM CPU) Knock Sensor Circuit
P1621	Mazda	Immobilizer System Fault
P1622	Mazda	Immobilizer System Fault
P1623	Mazda	Immobilizer System Fault
P1624	Mazda	Immobilizer System Fault
P1627	Mazda	Powertrain Control Module (ECM/TCS) Line Communication Error
P1628	Mazda	Powertrain Control Module (ECM/TCS) Any Line Communication Error
P1631	Mazda	Generator Output Voltage Signal (No Output)
P1632	Mazda	Battery Voltage Monitor Circuit
P1633	Mazda	Battery Overcharge Fault
P1634	Mazda	Generator Terminal 'B' Circuit Open
P1650	Mazda	Power Steering Pressure Switch Out of Range Fault
P1651	Mazda	Power Steering Pressure Switch Circuit
P1652	Mazda	Power Steering Pressure Switch Circuit
P1701	Mazda	Transmission Range Sensor Reverse Engagement Error
P1702	Mazda	Transmission Range Sensor Circuit Intermittent
P1703	Mazda	Brake On/Off Switch Out of Self Test Range
P1705	Mazda	Transmission Range Sensor out of Self Test Range
P1709	Mazda	Clutch Pedal Position Switch Circuit
P1711	Mazda	Transmission Fluid Temperature Sensor Circuit out of Self Test Range
P1713	Mazda	Transmission Fluid Temperature Sensor Circuit
P1714	Mazda	Shift Solenoid '1' Mechanical Fault
P1715	Mazda	Shift Solenoid '2' Mechanical Fault
P1716	Mazda	Shift Solenoid '3' Mechanical Fault
P1717	Mazda	Shift Solenoid '4' Mechanical Fault
P1718	Mazda	Transmission Fluid Temperature Sensor Circuit
P1720	Mazda	Vehicle Speed Sensor '2' Signal Error
P1729	Mazda	Transmission 4x4 Low Switch Error
P1740	Mazda	Torque Converter Clutch Solenoid Mechanical Fault
P1741	Mazda	Torque Converter Clutch Control Electrical Fault
P1742	Mazda	Torque Converter Clutch Solenoid Shorted
P1743	Mazda	Torque Converter Clutch Failed On - TCIL is On
P1744	Mazda	Torque Converter Clutch Solenoid Mechanical Fault
P1746	Mazda	Electronic Pressure Control Solenoid Circuit Open
P1747	Mazda	Electronic Pressure Control Solenoid Circuit
P1749	Mazda	Electronic Pressure Control Solenoid Circuit Low
P1751	Mazda	Transmission Shift Solenoid 'A' Mechanical Fault
P1752	Mazda	Transmission Shift Solenoid 'A' Circuit Shorted

P1754	Mazda	Transmission Coast Clutch Solenoid Electrical Fault
P1756	Mazda	Transmission Shift Solenoid 'B' Mechanical Fault
P1757	Mazda	Transmission Shift Solenoid 'B' Circuit Shorted
P1761	Mazda	Transmission Shift Solenoid '3' Mechanical Fault
P1762	Mazda	Transmission SS3/SS4/OD Band Fault
P1765	Mazda	Transmission 3-2 Timing Solenoid Valve
P1767	Mazda	Torque Converter Clutch Solenoid Circuit
P1771	Mazda	Throttle Position Sensor Circuit Open to Transmission Control Module
P1772	Mazda	Throttle Position Sensor Circuit Shorted to Transmission Control Module
P1780	Mazda	Transmission Control Switch Circuit
P1781	Mazda	Transmission 4x4 Low Switch out of Range Fault
P1783	Mazda	Transmission Fluid Temperature High Input
P1788	Mazda	3-2T/CCS Circuit Open
P1789	Mazda	3-2T/CCS Circuit Shorted
P1794	Mazda	Powertrain Control Module Battery Direct Power Circuit
P1797	Mazda	P/N Switch Open or Short Circuit
P1900	Mazda	Turbine Speed Sensor Circuit Intermittent
P1901	Mazda	Torque Converter Clutch Circuit Intermittent
B1000	Mercedes	HRA Headlamp range adjustment: Supply voltage of the control unit is too low (undervoltage)
B1004	Mercedes	LCP Lower Control Panel: Control unit does not match vehicle type
B1056	Mercedes	Automatic Air Conditioning: Problem in CAN communication with control unit DCM-RL
B1128	Mercedes	Heater core temperature (B10/1)
B1201	Mercedes	Electric seat adjustment front left: Hall sensor front height
B1213	Mercedes	If seat memory installed: ext left rearview mirror voltage faulty
B1214	Mercedes	If seat memory installed: ext right rearview mirror voltage faulty
B1226	Mercedes	In-car temperature sensor (B10/4)
B1227	Mercedes	Outside temperature indicator temp sensor (014)
B1229	Mercedes	Heater core temperature (B10/1)
B1230	Mercedes	Evaporator temperature sensor (B10/6)
B1231	Mercedes	ECT sensor (B11/4)
B1232	Mercedes	Refrigerant pressure sensor (B12)
B1233	Mercedes	Refrigerant temperature sensor (B12/1)
B1234	Mercedes	Sun sensor (B32)
B1235	Mercedes	Emissions sensor (B31)
B1241	Mercedes	Refrigerant Fill
B1246	Mercedes	PTS Parktronic: A42b1 (left outer sensor, front bumper) The plug connection has poor contact or is loose, or the sensor or
B1310	Mercedes	Left/Window airbag sensor is defective
B1315	Mercedes	Problem in Front passenger child seat recognition
B1416	Mercedes	Coolant circulation pump (M13)
B1417	Mercedes	Duovalve (Y21y1), left
B1418	Mercedes	Duovalve (Y21y2), right
B1419	Mercedes	Electromagnetic clutch (A9k1)
B1420	Mercedes	Idle speed increase
B1421	Mercedes	Pulse module (N05)
B1422	Mercedes	Series interface (K1) connection to instrument cluster (A1)
B1423	Mercedes	Switchover valve block (Y11)
B1424	Mercedes	Activated charcoal filler actuator (A32m2) open
B1425	Mercedes	Activated charcoal filler actuator (A32m2) closed
B1432	Mercedes	Non-USA DTC
B1459	Mercedes	Series interface (K2) connection to instrument cluster (A1)
B1462	Mercedes	Wide open throttle (WOT) position signal diesel engines
B1476	Mercedes	Airbag malfunction indicator and warning lamp is defective
B1481	Mercedes	HRA: Part E2m1 (Right headlamp range adjustment motor) has short to ground
B1489	Mercedes	HRA: Part E2m1 (Right headlamp range adjustment motor) has open or short to positive
B1492	Mercedes	HRA: Part E1m1 (Left headlamp range adjustment motor) has short to positive
B1617	Mercedes	Part E19/1 (Left license plate lamp) is defective
B1618	Mercedes	Part E19/2 (Right license plate lamp) is defective
B1628	Mercedes	Part E2e5 (Turn signal lamp) in module E2 (Right front headlamp unit) is defective.
B1703	Mercedes	Intermittant No Start in AAM Immobiliser Module
B1729	Mercedes	PSE Pneumatic system doorlock Control Module A37
B1736	Mercedes	Navigation system's CD Player: Check General CD, Check CD data block, Flimsy CD data
B1768	Mercedes	Faulty open data flap limit switch (0025) Front flap
B1773	Mercedes	HRA: Zero position programming has not yet been carried out or is not possible
B1850	Mercedes	Electric seat adjustment front right: CAN communication interrupted with DCM
C1000	Mercedes	Traction System Control Module
C1010	Mercedes	Battery Voltage Low
C1011	Mercedes	ASR/ETS/ESP Circuit Open or Shorted
C1012	Mercedes	Battery Voltage High
C1020	Mercedes	CAN Communication Fault
C1021	Mercedes	CAN Communication With EA/CC/ISC Control Module Interrupted
C1024	Mercedes	CAN Communication With Engine Control Module Interrupted
C1025	Mercedes	CAN Communication BAS communication with ESP control unit faulty
C1100	Mercedes	Left Front Axle VSS Circuit Fault
C1101	Mercedes	Right Front Axle VSS Circuit Fault
C1102	Mercedes	ETS/ASR, ABS Left Axle VSS Circuit Fault
C1103	Mercedes	Right Rear Axle VSS Circuit Fault
C1121	Mercedes	AIRmatic: fault in component B24/3 (acceler. sensor)
C1122	Mercedes	AIRmatic: fault in component B24/4 (acceler. sensor)

C1123	Mercedes	AIRmatic: fault in component B24/6 (acceler. sensor)
C1132	Mercedes	AIRmatic: fault in component B22/8 (level sensor)
C1133	Mercedes	AIRmatic: fault in component B22/9 (level sensor)
C1135	Mercedes	AIRmatic: fault in component B22/3 (level sensor)
C1140	Mercedes	BAS light, play in steering column causes steering angle sensor to lose memory(?)
C1142	Mercedes	ABS Lateral Acceleration Sensor Open/Shorted
C1144	Mercedes	AIRmatic: fault in component B7 (pressure sensor)
C1200	Mercedes	Stop Light Switch Open/Shorted/Implausible
C1300	Mercedes	Left Front Axle Solenoid Valve (Hold) (A7/3y6) Open/Shorted
C1303	Mercedes	Right Front Axle Solenoid Valve (Hold) Open/Shorted
C1311	Mercedes	Switchover Solenoid Valve (Release) Open/Shorted
C1312	Mercedes	Master Cylinder Switchover Valve
C1401	Mercedes	High Pressure Return Pump Circuit Open/Shorted; Will Not Shut Off
C1501	Mercedes	SPS P-Valve
C1504	Mercedes	BAS light, play in steering column causes steering angle sensor to lose memory(?)
C1512	Mercedes	Brakes Overheated
C1600	Mercedes	Temperature After Engine Is Turned Off
P1000	Mercedes	OBD Systems Readiness Test Not Complete
P1001	Mercedes	Activate self test SCP error
P1100	Mercedes	Mass Air Flow Sensor Circuit Intermittent
P1101	Mercedes	Mass Air Flow Sensor Out Of Self Test Range
P1102	Mercedes	Mass Air Flow Sensor In Range But Lower Than Expected
P1103	Mercedes	Mass Air Flow Sensor In Range But Higher Than Expected
P1105	Mercedes	Atmospheric pressure sensor in control module
P1110	Mercedes	Intake Air Temperature Circuit (dynamic chamber) Open / Short
P1112	Mercedes	Intake Air Temperature Circuit Intermittent
P1113	Mercedes	Intake Air Temperature Circuit (dynamic chamber) Open / Short
P1116	Mercedes	Engine Coolant Temperature Sensor Out Of Self Test Range
P1117	Mercedes	Engine Coolant Temperature Sensor Circuit Intermittent
P1120	Mercedes	TP sensor out of range low
P1121	Mercedes	TP sensor signal not consistent with MAF signal
P1122	Mercedes	Throttle Position Sensor A In Range But Lower Than Expected
P1123	Mercedes	Throttle Position Sensor A In Range But Higher Than Expected
P1124	Mercedes	TP sensor signal out of self test range
P1125	Mercedes	TP sensor signal intermittent
P1126	Mercedes	Throttle Position (Narrow Range) Sensor Circuit
P1127	Mercedes	H02S - 12 heater not ON during KOER self test
P1128	Mercedes	Upstream H02S Sensors Swapped
P1129	Mercedes	Downstream H02S Sensors Swapped
P1130	Mercedes	H02S - 11 not switching (fuel control limit reached)
P1131	Mercedes	H02S - 11 signal above 0.45v (A/F ratio too lean)
P1132	Mercedes	H02S - 11 signal below 0.45v (A/F ratio too rich)
P1133	Mercedes	Bank 1 Fuel Control Shifted Lean (FAOSC)
P1134	Mercedes	Bank 1 Fuel Control Shifted Rich (FAOSC)
P1135	Mercedes	H02S11 Heater Circuit Low
P1136	Mercedes	H02S11 Heater Circuit High
P1137	Mercedes	H02S - 11 signal above 0.45v (A/F ratio too rich)
P1138	Mercedes	Lack Of H02S12 Switches - Sensor Indicates Rich
P1141	Mercedes	H02S12 Heater Circuit Low
P1142	Mercedes	H02S12 Heater Circuit High
P1143	Mercedes	Lack Of H02S Switches,H02S13 Indicates Lean
P1144	Mercedes	Lack Of H02S Switches,H02S13 Indicates Rich
P1146	Mercedes	Left hot film MGF sensor (B2/6)
P1147	Mercedes	Left ECT sensor (B11/9)
P1148	Mercedes	Left IAT sensor (B17/5)
P1149	Mercedes	Left Manifold pressure sensor (B28/1)
P1150	Mercedes	H02S - 21 not switching (fuel control limit reached)
P1151	Mercedes	H02S - 21 signal below 0.45v (A/F ratio too rich)
P1152	Mercedes	H02S - 21 signal above 0.45v (A/F ratio too rich)
P1153	Mercedes	Bank 2 Fuel Control Shifted Lean (FAOSC)
P1154	Mercedes	Bank 2 Fuel Control Shifted Rich (FAOSC)
P1162	Mercedes	Left EA/CC / ISC actuator actual value potentiometer
P1163	Mercedes	Oil level switch (S43)
P1169	Mercedes	Feedback A/F Mixture Control (H02S12)
P1170	Mercedes	H02S - 11 circuit too high or low (bank 1 sensor 1)
P1173	Mercedes	Feedback A/F Mixture Control (H02S21)
P1176	Mercedes	Oil pressure sensor
P1177	Mercedes	Oil sensor,level - temperature implausible
P1179	Mercedes	Oil quality implausible
P1180	Mercedes	High oil temperature
P1181	Mercedes	Engine electric cooling fan,faulty
P1182	Mercedes	Fuel Shut Off Solenoid Circuit
P1183	Mercedes	Output stage cylinder fadeout, valve1
P1184	Mercedes	Output stage cylinder fadeout valve2
P1185	Mercedes	Water in oil
P1186	Mercedes	Safety fuel shutoff detected
P1189	Mercedes	Pump Speed Signal
P1190	Mercedes	Calibration Resistor Out Of Range

P1191	Mercedes	TP (controlled) circuit
P1194	Mercedes	ECM/PCM A/D Converter
P1195	Mercedes	EGR boost sensor circuit fault
P1196	Mercedes	Ignition switch start circuit fault
P1197	Mercedes	Mileage Switch Circuit
P1213	Mercedes	Start Injector Circuit
P1220	Mercedes	Fuel quantity actuator (Y23/1)
P1221	Mercedes	CAN communication,ETC or ETS interrupted
P1222	Mercedes	IFI accelerator pedal position sensor (R25/2)
P1223	Mercedes	Fuel rack position sensor (Y23/1/1)
P1225	Mercedes	Variable intake manifold switchover valve (Y22/6)
P1226	Mercedes	Control Sleeve Sensor Circuit
P1233	Mercedes	Throttle valve jamming
P1235	Mercedes	Fuel pump control out range
P1236	Mercedes	Fuel pump control out range
P1248	Mercedes	Turbo Boost Pressure Not Detected
P1250	Mercedes	Fuel Pressure Regulator Control Solenoid
P1251	Mercedes	Air Mixture Solenoid Circuit
P1252	Mercedes	Pressure regulator control solenoid '2'circuit fault
P1260	Mercedes	Anti - theft system signal detected,engine disabled
P1270	Mercedes	Engine RPM or vehicle speed limit reached
P1279	Mercedes	Control Sleeve Sensor Circuit Range / Performance
P1298	Mercedes	Injector Driver Module Failure
P1300	Mercedes	Left CKP sensor (L5/4)
P1312	Mercedes	Injection Pump Timing Actuator Circuit
P1318	Mercedes	Injection Timing Piston Position Sensor Circuit
P1319	Mercedes	Injection Timing Piston Position Sensor Circuit Range /Performance
P1335	Mercedes	CKP sensor (IFI)
P1345	Mercedes	CMP or SGC sensor circuit fault
P1350	Mercedes	Injection sensor solenoid
P1351	Mercedes	IDM signal lost to PCM or out of range
P1352	Mercedes	Ignition coil 'A' primary circuit fault
P1353	Mercedes	Ignition coil 'B' primary circuit fault
P1354	Mercedes	Ignition coil 'C' primary circuit fault
P1355	Mercedes	Cylinder shut - off valve,right bank (Y80) does not close at cylinder cutoff
P1356	Mercedes	Cylinder shut - off valve,left bank (Y81) does not close at cylinder cutoff
P1357	Mercedes	Cylinder cutoff,inlet valve of a cylinder continuous to be operated at cylinder cutoff
P1358	Mercedes	Cylinder 5 exhaust valve is not operating at cylinder cutoff
P1359	Mercedes	Cylinder 2 exhaust valve is not operating at cylinder cutoff
P1360	Mercedes	Cylinder 3 exhaust valve is not operating at cylinder cutoff
P1361	Mercedes	Cylinder 8 exhaust valve is not operating at cylinder cutoff
P1362	Mercedes	Ignition coil 'C' secondary circuit fault
P1364	Mercedes	Ignition coil primary circuit fault
P1365	Mercedes	Ignition coil secondary circuit fault
P1366	Mercedes	Exhaust flap switchover valve (Y93)
P1380	Mercedes	Inlet valve of a cylinder is not operated at cylinder cutoff
P1382	Mercedes	Camshaft Position Timing Solenoid #1 Circuit
P1384	Mercedes	Left knock sensor 1 (A29g1)
P1385	Mercedes	Left knock sensor 2 (A29g2)
P1386	Mercedes	Knock sensor regulation from right ECM (N3/12) hardware failure
P1387	Mercedes	Camshaft Position Timing Solenoid #2 Circuit
P1390	Mercedes	Octane adjust shorting bar out or circuit open
P1397	Mercedes	Left camshaft Hall - effect sensor (B6/2)
P1400	Mercedes	EGR switchover valve output stage (Y31 - 1)
P1401	Mercedes	EGR lifting sender (B28/3)
P1402	Mercedes	EGR valve position sensor circuit fault
P1404	Mercedes	EGR control
P1405	Mercedes	DPFE sensor upstream hose off or plugged
P1406	Mercedes	DPFE sensor downstream hose off or plugged
P1407	Mercedes	No EGR flow detected
P1408	Mercedes	EGR system flow out of KOER self test range
P1409	Mercedes	EGR vacuum regulator solenoid circuit fault
P1412	Mercedes	Exhaust Gas Recirculation Valve Frozen
P1415	Mercedes	Air Pump Circuit
P1416	Mercedes	Port Air Circuit
P1417	Mercedes	Port Air Relief Circuit
P1418	Mercedes	Split Air #1 Circuit
P1419	Mercedes	Split Air #2 Circuit
P1420	Mercedes	AIR pump switchover valve (Y32)
P1437	Mercedes	Exhaust gas temperature sensor 1
P1439	Mercedes	Floor Temp Switch Circuit
P1444	Mercedes	EVAP purge flow sensor circuit low voltage
P1445	Mercedes	EVAP purge flow sensor circuit high voltage
P1446	Mercedes	Evaporative Vacuum Solenoid Circuit
P1449	Mercedes	Evaporative Check Solenoid Circuit
P1450	Mercedes	Unable to Bleed Up Fuel Tank Vacuum
P1451	Mercedes	Evaporative Emission Control System Vent Control Circuit
P1453	Mercedes	AIR relay module (K17)

P1455	Mercedes	Fuel tank level sensor circuit fault
P1456	Mercedes	Fuel Tank Temperature Sensor Circuit
P1457	Mercedes	Purge Solenoid Control System
P1460	Mercedes	Wide open throttle A/C cut - off relay circuit fault
P1463	Mercedes	Left AIR system malfunction
P1464	Mercedes	Air conditioning control signal circuit fault
P1465	Mercedes	A/C Relay Circuit
P1470	Mercedes	Pressure control flap vacuum transducer (Y31/2)
P1473	Mercedes	Fan Circuit Open (VLCM)
P1474	Mercedes	Fan control system fault
P1475	Mercedes	Fan Relay (Low) Circuit
P1476	Mercedes	Resonance intake manifold switchover valve (Y22/6)
P1477	Mercedes	Additional Fan Relay Circuit
P1479	Mercedes	High Fan Control Primary Circuit
P1480	Mercedes	Preglow control
P1481	Mercedes	Glow plug failure
P1482	Mercedes	Preglow control module (N14/2)
P1485	Mercedes	EGR vacuum solenoid circuit fault
P1486	Mercedes	EGR vent solenoid circuit fault
P1487	Mercedes	Exhaust Gas Recirculation Check Solenoid Circuit
P1490	Mercedes	Secondary Air Relief Solenoid Circuit
P1491	Mercedes	A/C refrigerant pressure too high
P1492	Mercedes	APLSOL Solenoid Circuit
P1493	Mercedes	RCNT Solenoid Circuit
P1494	Mercedes	SPCUT Solenoid Circuit
P1495	Mercedes	TCSPL Solenoid Circuit
P1496	Mercedes	EGR Stepper Motor 1 Control Circuit Low / High
P1497	Mercedes	EGR Stepper Motor 2 Control Circuit Low / High
P1498	Mercedes	EGR Stepper Motor 3 Control Circuit Low / High
P1499	Mercedes	EGR Stepper Motor 4 Control Circuit Low / High
P1500	Mercedes	Vehicle speed sensor intermittent signals
P1501	Mercedes	Vehicle speed sensor out of self test range
P1504	Mercedes	Idle air control solenoid circuit intermittent fault
P1505	Mercedes	Idle air control system at adaptive clip
P1506	Mercedes	IAC system overspeed detected during self test
P1507	Mercedes	IAC system underspeed detected during self test
P1508	Mercedes	Bypass air solenoid '1' circuit fault
P1509	Mercedes	Bypass air solenoid '2' circuit fault
P1510	Mercedes	Idle Signal Circuit
P1511	Mercedes	Idle Switch (Electric Control Throttle) Circuit
P1512	Mercedes	Intake Manifold Runner Control Stuck Closed (Bank 1)
P1515	Mercedes	Electric Current Circuit
P1519	Mercedes	Right adjustable camshaft timing solenoid (Y49/2) (logic chain)
P1520	Mercedes	Cruise control switch (S40)
P1521	Mercedes	Variable Resonance Induction System Solenoid #1 Circuit
P1522	Mercedes	Left adjustable camshaft timing solenoid (Y49/1) (logic chain)
P1523	Mercedes	VICS solenoid circuit fault
P1524	Mercedes	Variable Intake Solenoid Circuit
P1525	Mercedes	Right adjustable camshaft timing solenoid (Y49/2)
P1526	Mercedes	ABV vent solenoid circuit fault
P1527	Mercedes	Bypass Air Solenoid (Accelerate Warmup) Circuit
P1528	Mercedes	Subsidiary Throttle Valve Solenoid Circuit
P1529	Mercedes	L/C atmospheric balance air control valve fault
P1533	Mercedes	Left adjustable camshaft timing solenoid (Y49/1)
P1540	Mercedes	Air Bypass Valve Circuit
P1542	Mercedes	Pedal value sensor (B37)
P1550	Mercedes	AC compressor torque implausible
P1562	Mercedes	PCM B + Voltage Low (KAM power)
P1566	Mercedes	TCM B + Voltage Low
P1569	Mercedes	Intake Manifold Runner Control Control Circuit Low
P1570	Mercedes	Start enable of DAS not sent
P1580	Mercedes	Throttle valve actuator (M16/6)
P1581	Mercedes	Left EA/CC / ISC actuator M16/4)
P1584	Mercedes	Stop lamp switch (S9/1)
P1587	Mercedes	Left ECM (N3/11) voltage supply
P1588	Mercedes	CAN signal from RCL control module (N54) to left ECM (N3/11) interrupted
P1589	Mercedes	Knock sensor regulation from left ECM (N3/11) hardware failure
P1600	Mercedes	Loss Of KAM Power,Circuit Open
P1601	Mercedes	ECM/TCM Serial Communication Error
P1602	Mercedes	Immobilizer / ECM Communication Error
P1603	Mercedes	No or incorrect CAN message from control unit EIS
P1604	Mercedes	Code Word Unregistered
P1605	Mercedes	Rough road detected by signal from comparing wheel speeds
P1608	Mercedes	PCM Internal Circuit
P1609	Mercedes	PCM (ECM CPU) knock sensor fault
P1610	Mercedes	Voltage supply missing - or - relay module (K40)
P1611	Mercedes	IFI Control module (N3/7)
P1612	Mercedes	IFI Control module (N3/7) voltage,circuit 15

P1613	Mercedes	IFI Control module (N3/7)
P1614	Mercedes	IFI Control module (N3/7) voltage - or - Fuel metering actuator (Y23/1k1) - or - Fuel rack position sensor (Y23/1/1)
P1615	Mercedes	IFI Control module (N3/7) supply voltage
P1617	Mercedes	Control module fault - or - Control module not coded
P1621	Mercedes	Immobilizer Code Words Do Not Match
P1622	Mercedes	Electrohydraulic shut - off actuator (Y1/1)
P1623	Mercedes	Immobilizer Code Word / ID Number Write Failure
P1624	Mercedes	Anti - theft System
P1625	Mercedes	Check Engine MIL
P1627	Mercedes	PCM (ECM/TCS) line communication error
P1628	Mercedes	PCM (ECM/TCS) ABV line communication error
P1630	Mercedes	Drive authorization signal
P1631	Mercedes	Alternator Regulator #2 Control Circuit
P1632	Mercedes	Left engine control module (N3/11)
P1633	Mercedes	Generator Control System - over charge
P1634	Mercedes	Generator Control System - no charge
P1642	Mercedes	ECU incorrectly coded
P1643	Mercedes	ECU incorrectly coded - or - CAN from transmission
P1644	Mercedes	Transmission version can't be checked due to low voltage at transmission ECU
P1645	Mercedes	Fuel Pump Resistor Switch Circuit
P1649	Mercedes	Fuel Injection Pump Module
P1650	Mercedes	Power steering pressure switch out of range fault
P1651	Mercedes	Power steering pressure switch circuit fault
P1652	Mercedes	Idle Air Control Monitor Disabled By PSPS Failed On
P1680	Mercedes	Metering Oil Pump Failure
P1681	Mercedes	Crash Sensor,signal implausible or frontal crash or short to power
P1682	Mercedes	Metering Oil Pump Failure
P1683	Mercedes	Metering Oil Pump Temperature Sensor Circuit
P1684	Mercedes	Metering Oil Pump Position Sensor Circuit
P1685	Mercedes	Metering Oil Pump Stepping Motor Cont. Circuit
P1686	Mercedes	Metering Oil Pump Stepping Motor Cont. Circuit
P1687	Mercedes	Metering Oil Pump Stepping Motor Cont. Circuit
P1688	Mercedes	Metering Oil Pump Stepping Motor Cont. Circuit
P1689	Mercedes	Oil Pressure Control Solenoid Circuit
P1690	Mercedes	Wastegate Solenoid Circuit
P1691	Mercedes	Turbo Pressure Control Solenoid Circuit
P1692	Mercedes	Turbo Control Solenoid Circuit
P1693	Mercedes	Turbo Charge Control Circuit
P1694	Mercedes	Turbo Charge Relief Circuit
P1701	Mercedes	A/T TR sensor reverse engagement error
P1703	Mercedes	Brake on / off switch out of self test range
P1705	Mercedes	Starter lock - out / backup lamp switch (S16/1)
P1706	Mercedes	HighVehicle Speed Observed in Park
P1708	Mercedes	Clutch Switch Circuit
P1709	Mercedes	Clutch Pedal (or Park / Neutral Position) Switch Out Of Self Test Range
P1710	Mercedes	Transmission Control Module Solenoid / Internal Ground Circuit
P1711	Mercedes	A/T TFT sensor out of self test range
P1713	Mercedes	Transmission Fluid Temperature Sensor In Range Failure
P1719	Mercedes	Engine Torque Signal
P1720	Mercedes	Vehicle speed sensor '2' signal error
P1721	Mercedes	Gear 1 Incorrect Ratio
P1722	Mercedes	Gear 2 Incorrect Ratio
P1723	Mercedes	Gear 3 Incorrect Ratio
P1724	Mercedes	Gear 4 Incorrect Ratio
P1729	Mercedes	Transmission 4X4 low switch error during self test
P1735	Mercedes	First Gear Switch Circuit Failure
P1736	Mercedes	Second Gear Switch Circuit Failure
P1737	Mercedes	Lockup Solenoid
P1738	Mercedes	Shift Time Error
P1739	Mercedes	Slip Solenoid
P1741	Mercedes	Torque converter clutch control error
P1742	Mercedes	Torque converter clutch failed on,MIL is on
P1743	Mercedes	Torque converter clutch failed on,TCIL is on
P1744	Mercedes	Torque converter clutch Solenoid Circuit
P1745	Mercedes	Line Pressure Solenoid
P1746	Mercedes	Electronic pressure control solenoid circuit open
P1747	Mercedes	CAN signal from ETC (N15/3) interrupted
P1748	Mercedes	Pressure Control Solenoid A
P1749	Mercedes	Electronic pressure control solenoid circuit low
P1751	Mercedes	Shift Solenoid A Circuit Open
P1752	Mercedes	Shift Solenoid A Circuit Short
P1754	Mercedes	Transmission coast clutch solenoid electrical fault
P1756	Mercedes	Shift Solenoid B Circuit Open
P1757	Mercedes	Shift Solenoid B Circuit Short
P1759	Mercedes	2 - 4 Brake Failsafe Valve Malfunction
P1761	Mercedes	Transmission shift solenoid '3' performance
P1763	Mercedes	Low and Reverse Brake Pressure Switch Circuit
P1764	Mercedes	Low and Reverse Brake Failsafe Valve Malfunction

P1765	Mercedes	Timing Solenoid Circuit
P1770	Mercedes	Clutch Solenoid Circuit
P1771	Mercedes	Throttle Position Sensor Circuit High Input
P1772	Mercedes	Throttle Position Sensor Circuit Low Input
P1775	Mercedes	Torque Down Signal #1 Circuit
P1776	Mercedes	Torque Down Signal #2 Circuit
P1777	Mercedes	Torque Down Response Signal Circuit
P1780	Mercedes	Modulating pressure switchover valve (AT/CC) (Y3/4) - or - Upshift delay switchover valve (AT/CC) (Y3/5)
P1781	Mercedes	Upshift delay switchover valve (AT/CC) (Y3/5)
P1783	Mercedes	Transmission fluid temperature too high
P1788	Mercedes	Pressure Control Solenoid B Open Circuit
P1789	Mercedes	Pressure Control Solenoid B Short Circuit
P1790	Mercedes	TP (Mechanical) Circuit
P1791	Mercedes	TP (Electric) Circuit
P1792	Mercedes	Barometer Pressure Circuit
P1793	Mercedes	Intake Air Volume Circuit
P1794	Mercedes	Battery Voltage Circuit
P1795	Mercedes	Idle Switch Circuit
P1796	Mercedes	Kick Down Switch Circuit
P1797	Mercedes	Clutch Pedal (or Park / Neutral) Position Switch Circuit
P1798	Mercedes	Coolant Temperature Circuit
P1799	Mercedes	Hold Switch Circuit
P1000	Mercury	OBD System Readiness Test Not Complete
P1001	Mercury	KOER Test Cannot Be Completed
P1039	Mercury	Vehicle Speed Signal Missing or Improper
P1051	Mercury	Brake Switch Signal Missing or Improper
P1100	Mercury	Mass Air Flow Sensor Intermittent
P1101	Mercury	Mass Air Flow Sensor Out of Self-Test Range
P1105	Mercury	Dual Alternator Upper Fault
P1106	Mercury	Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
P1107	Mercury	Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
P1108	Mercury	Dual Alternator Battery Lamp Circuit Malfunction
P1109	Mercury	IAT - B Sensor Intermittent
P1111	Mercury	System Pass
P1112	Mercury	Intake Air Temperature Sensor Intermittent
P1114	Mercury	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT - B Circuit Low Input
P1115	Mercury	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT - B Circuit High Input
P1116	Mercury	Engine Coolant Temperature Sensor is Out of Self-Test Range
P1117	Mercury	Engine Coolant Temperature Sensor Intermittent
P1118	Mercury	Manifold Absolute Temperature Circuit Low Input
P1119	Mercury	Manifold Absolute Temperature Circuit High Input
P1120	Mercury	Throttle Position Sensor Out of Range
P1121	Mercury	Throttle Position Sensor Inconsistent with Mass Air Flow Sensor
P1122	Mercury	Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
P1123	Mercury	Throttle Position Sensor In Range But Higher Than Expected
P1124	Mercury	Throttle Position Sensor Out of Self-Test Range
P1125	Mercury	Throttle Position Sensor Intermittent
P1127	Mercury	Exhaust Not Warm Enough - Downstream O2 Sensor Not Tested
P1128	Mercury	Upstream Heated Oxygen Sensor Signals Reversed
P1129	Mercury	Downstream Heated Oxygen Sensor Signals Reversed
P1130	Mercury	Lack of Upstream Heated Oxygen Sensor Switch - Adaptive Fuel Limit - Bank 1
P1131	Mercury	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 1
P1132	Mercury	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 1
P1133	Mercury	Bank 1 Fuel Control Shifted Lean
P1134	Mercury	Bank 1 Fuel Control Shifted Rich
P1135	Mercury	Pedal Position Sensor A Circuit Intermittent
P1137	Mercury	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 1
P1138	Mercury	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 1
P1139	Mercury	Water In Fuel Indicator Circuit Malfunction
P1140	Mercury	Water In Fuel Condition
P1141	Mercury	Fuel Restriction Indicator Circuit Malfunction
P1142	Mercury	Fuel Restriction Condition
P1150	Mercury	Lack of Upstream Heated Oxygen Sensor Switch - Adaptive Fuel Limit - Bank 2
P1151	Mercury	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 2
P1152	Mercury	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 2
P1153	Mercury	Bank 2 Fuel Control Shifted Lean
P1154	Mercury	Bank 2 Fuel Control Shifted Rich
P1155	Mercury	Alternative Fuel Controller
P1157	Mercury	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 2
P1158	Mercury	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 2
P1168	Mercury	Fuel Rail Sensor In-Range Low Failure
P1169	Mercury	Fuel Rail Sensor In-Range High Failure
P1170	Mercury	ESO - Engine Shut Off Solenoid Fault
P1171	Mercury	Rotor Sensor Fault
P1172	Mercury	Rotor Control Fault
P1173	Mercury	Rotor Calibration Fault
P1174	Mercury	Cam Sensor Fault
P1175	Mercury	Cam Control Fault

P1176	Mercury	Cam Calibration Fault
P1177	Mercury	Synchronization Fault
P1180	Mercury	Fuel Delivery System Malfunction - Low
P1181	Mercury	Fuel Delivery System Malfunction - High
P1183	Mercury	Engine Oil Temperature Circuit Malfunction
P1184	Mercury	Engine Oil Temperature Out Of Self Test Range
P1185	Mercury	FTS High - Fuel Pump Temperature Sensor High
P1186	Mercury	FTS Low - Fuel Pump Temperature Sensor Low
P1187	Mercury	Variant Selection
P1188	Mercury	Calibration Memory Fault
P1189	Mercury	Pump Speed Signal Fault
P1190	Mercury	Calibration Resistor Out Of Range
P1191	Mercury	Key Line Voltage
P1192	Mercury	Voltage External
P1193	Mercury	EGR Drive Overcurrent
P1194	Mercury	ECU A/D Converter
P1195	Mercury	SCP HBCC Failed To Initialize
P1196	Mercury	Key Off Voltage High
P1197	Mercury	Key Off Voltage Low
P1198	Mercury	Pump Rotor Control Underfueling
P1209	Mercury	Injector Control Pressure System Fault
P1210	Mercury	Injector Control Pressure Above Expected Level
P1211	Mercury	Injector Control Pressure Sensor Above / Below Desired
P1212	Mercury	Injector Control Pressure Not Detected During Crank
P1213	Mercury	Start Injector Circuit Malfunction
P1214	Mercury	Pedal Position Sensor B Circuit Intermittent
P1215	Mercury	Pedal Position Sensor C Circuit Low Input
P1216	Mercury	Pedal Position Sensor C Circuit High Input
P1217	Mercury	Pedal Position Sensor C Circuit Intermittent
P1218	Mercury	CID High
P1219	Mercury	CID Low
P1220	Mercury	Series Throttle Control Fault
P1221	Mercury	Traction Control System Malfunction
P1222	Mercury	Traction Control Output Circuit Malfunction
P1223	Mercury	Pedal Demand Sensor B Circuit High Input
P1224	Mercury	Throttle Position Sensor B Out of Self-Test Range
P1227	Mercury	Wastegate Failed Closed (Over Pressure)
P1228	Mercury	Wastegate Failed Open (Under Pressure)
P1229	Mercury	Intercooler Pump Driver Fault
P1230	Mercury	Open Power to Fuel Pump Circuit
P1231	Mercury	High Speed Fuel Pump Relay Activated
P1232	Mercury	Low Speed Fuel Pump Primary Circuit Failure
P1233	Mercury	Fuel Pump Driver Module Off-Line
P1234	Mercury	Fuel Pump Driver Module Off-Line
P1235	Mercury	Fuel Pump Control Out of Range
P1236	Mercury	Fuel Pump Control Out of Range
P1237	Mercury	Fuel Pump Secondary Circuit Fault
P1238	Mercury	Fuel Pump Secondary Circuit Fault
P1239	Mercury	Speed Fuel Pump Positive Feed Fault
P1243	Mercury	Second Fuel Pump Faulty or Ground Fault
P1244	Mercury	Alternator Load Input Failed High
P1245	Mercury	Alternator Load Input Failed Low
P1246	Mercury	Alternator Load Input Failed
P1247	Mercury	Turbo Boost Pressure Low
P1248	Mercury	Turbo Boost Pressure Not Detected
P1249	Mercury	Wastegate Control Valve Performance
P1250	Mercury	Lack of Power to FPRC Solenoid
P1252	Mercury	Pedal Correlation PDS1 and LPDS High
P1253	Mercury	Pedal Correlation PDS1 and LPDS Low
P1254	Mercury	Pedal Correlation PDS2 and LPDS High
P1255	Mercury	Pedal Correlation PDS2 and LPDS Low
P1256	Mercury	Pedal Correlation PDS1 and HPDS
P1257	Mercury	Pedal Correlation PDS2 and HPDS
P1258	Mercury	Pedal Correlation PDS1 and PDS2
P1260	Mercury	Theft Detected - Engine Disabled
P1261	Mercury	Cylinder #1 High To Low Side Short
P1262	Mercury	Cylinder #2 High To Low Side Short
P1263	Mercury	Cylinder #3 High To Low Side Short
P1264	Mercury	Cylinder #4 High To Low Side Short
P1265	Mercury	Cylinder #5 High To Low Side Short
P1266	Mercury	Cylinder #6 High To Low Side Short
P1267	Mercury	Cylinder #7 High To Low Side Short
P1268	Mercury	Cylinder #8 High To Low Side Short
P1270	Mercury	Engine RPM or Vehicle Speed Limiter Reached
P1271	Mercury	Cylinder #1 High To Low Side Open
P1272	Mercury	Cylinder #2 High To Low Side Open
P1273	Mercury	Cylinder #3 High To Low Side Open
P1274	Mercury	Cylinder #4 High To Low Side Open

P1275	Mercury	Cylinder #5 High To Low Side Open
P1276	Mercury	Cylinder #6 High To Low Side Open
P1277	Mercury	Cylinder #7 High To Low Side Open
P1278	Mercury	Cylinder #8 High To Low Side Open
P1280	Mercury	Injection Control Pressure Out Of Range Low
P1281	Mercury	Injection Control Pressure Out Of Range High
P1282	Mercury	Excessive Injection Control Pressure
P1283	Mercury	IPR Circuit Failure
P1284	Mercury	Aborted KOER - ICP Failure
P1285	Mercury	Cylinder head over temp sensed
P1286	Mercury	Fuel Pulse In Range But Lower Than Expected
P1287	Mercury	Fuel Pulse In Range But Higher Than Expected
P1288	Mercury	Cylinder Head Temperature Sensor Out of Self-Test Range
P1289	Mercury	Cylinder Head Temperature Sensor Signal Greater Than Self-Test Range
P1290	Mercury	Cylinder Head Temperature Sensor Signal Less Than Self-Test Range
P1291	Mercury	Injector High Side Short To GND Or VBATT - Bank 1
P1292	Mercury	Injector High Side Short To GND Or VBATT - Bank 2
P1293	Mercury	Injector High Side Open - Bank 1
P1294	Mercury	Injector High Side Open - Bank 2/Target idle not reached
P1295	Mercury	Multi-faults - Bank 1 - With Low Side Shorts
P1296	Mercury	Multi-faults - Bank 2 - With Low Side Shorts
P1297	Mercury	Injector High Sides Shorted Together
P1298	Mercury	IDM Failure
P1299	Mercury	Cylinder Head Temperature Sensor Detected Engine Overheating Condition
P1300	Mercury	Boost Calibration Fault
P1301	Mercury	Boost Calibration High
P1302	Mercury	Boost Calibration Low
P1303	Mercury	EGR Calibration Fault
P1304	Mercury	EGR Calibration High
P1305	Mercury	EGR Calibration Low
P1306	Mercury	Kickdown Relay Pull - In Circuit Fault
P1307	Mercury	Kickdown Relay Hold Circuit Fault
P1308	Mercury	A/C Clutch Circuit Fault
P1309	Mercury	Misfire Detection Monitor Not enabled
P1316	Mercury	Injector Circuit / IDM Codes Detected
P1317	Mercury	Injector Circuit / IDM Codes Not Updated
P1340	Mercury	Camshaft Position Sensor B Circuit Malfunction
P1351	Mercury	Ignition Diagnostic Monitor Circuit Input Fault
P1352	Mercury	Ignition Coil A - Primary Circuit Fault
P1353	Mercury	Ignition Coil B - Primary Circuit Fault
P1354	Mercury	Ignition Coil C - Primary Circuit Fault
P1355	Mercury	Ignition Coil D - Primary Circuit Fault
P1356	Mercury	Loss of Ignition Diagnostic Module Input to PCM
P1357	Mercury	Ignition Diagnostic Monitor Pulsewidth Not Defined
P1358	Mercury	Ignition Diagnostic Monitor Signal Out of Self-Test Range
P1359	Mercury	Spark Output Circuit Fault
P1360	Mercury	Ignition Coil A Secondary Circuit Malfunction
P1361	Mercury	Ignition Control (IC) Circuit Low Voltage
P1362	Mercury	Ignition Coil C Secondary Circuit Malfunction
P1363	Mercury	Ignition Coil D Secondary Circuit Malfunction
P1364	Mercury	Ignition Coil Primary Circuit Fault
P1365	Mercury	Ignition Coil Secondary Circuit Failure
P1369	Mercury	Engine Temperature Light Monitor Failure
P1380	Mercury	VCT Solenoid Valve Circuit Short or Open
P1381	Mercury	Cam Timing Advance is excessive
P1383	Mercury	Cam Timing Advance is excessive
P1385	Mercury	Variable Cam Timing Solenoid B Malfunction
P1386	Mercury	Variable Cam Timing Overadvanced (Bank #2)
P1388	Mercury	Variable Cam Timing Overretarded (Bank #2)
P1389	Mercury	Glow Plug Circuit High Side Low Input
P1390	Mercury	Octane Adjust Out of Self-Test Range
P1391	Mercury	Glow Plug Circuit Low Input (Bank #1)
P1392	Mercury	Glow Plug Circuit High Input (Bank #1)
P1393	Mercury	Glow Plug Circuit Low Input (Bank #2)
P1394	Mercury	Glow Plug Circuit High Input (Bank #2)
P1395	Mercury	Glow Plug Monitor Fault (Bank #1)
P1396	Mercury	Glow Plug Monitor Fault (Bank #2)
P1397	Mercury	System Voltage Out Of Self Test Range
P1399	Mercury	Glow Plug Circuit High Side, High Input
P1400	Mercury	Differential Pressure Feedback Electronic Sensor Circuit Low Voltage
P1401	Mercury	Differential Pressure Feedback Electronic Sensor Circuit High Voltage
P1402	Mercury	EGR Metering Orifice Restricted
P1403	Mercury	Differential Pressure Feedback Electronic Sensor Hoses Reversed
P1404	Mercury	IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance
P1405	Mercury	Differential Pressure Feedback Electronic Sensor Circuit Upstream Hose
P1406	Mercury	Differential Pressure Feedback Electronic Sensor Circuit Downstream Hose
P1407	Mercury	EGR No Flow Detected
P1408	Mercury	EGR Flow Out of Self-Test Range

P1409	Mercury	EGR Vacuum Regulator Circuit malfunction
P1410	Mercury	EGR Barometric Pressure Sensor VREF Voltage
P1411	Mercury	Secondary Air is Not being diverted
P1413	Mercury	Secondary Air Injection System Monitor Circuit Low Voltage
P1414	Mercury	Secondary Air Injection System Monitor Circuit High Voltage
P1431	Mercury	Misfire Monitor Disabled, Unable to Learn Trigger Wheel Profile
P1442	Mercury	Secondary Air Injection System Monitor Circuit High Voltage
P1443	Mercury	Evaporative Emission Control System - Vacuum System - Purge Control Solenoid or Purge Control Valve Fault
P1444	Mercury	Purge Flow Sensor Circuit Input Low
P1445	Mercury	Purge Flow Sensor Circuit Input High
P1450	Mercury	Inability of Evaporative Emission Control System to Bleed Fuel Tank
P1451	Mercury	EVAP Control System Canister Vent Solenoid Circuit Malfunction
P1452	Mercury	Inability of Evaporative Emission Control System to Bleed Fuel Tank
P1455	Mercury	Substantial Leak or Blockage in Evaporative Emission Control System
P1457	Mercury	Unable To Pull Vacuum In Tank
P1460	Mercury	Wide Open Throttle Air Conditioning Cutoff Circuit malfunction
P1461	Mercury	Air Conditioning Pressure Sensor Circuit Low Input
P1462	Mercury	Air Conditioning Pressure Sensor Circuit high Input
P1463	Mercury	Air Conditioning Pressure Sensor Insufficient Pressure change
P1464	Mercury	ACCS to PCM High During Self-Test
P1465	Mercury	A/C Relay Circuit Malfunction
P1466	Mercury	A/C Refrigerant Temperature Sensor/Circuit Malfunction
P1469	Mercury	Low Air Conditioning Cycling Period
P1473	Mercury	Fan Secondary High with Fans Off
P1474	Mercury	Low Fan Control Primary Circuit
P1479	Mercury	High Fan Control Primary Circuit
P1480	Mercury	Fan Secondary Low with Low Fans On
P1481	Mercury	Fan Secondary Low with High Fans On
P1482	Mercury	SCP
P1483	Mercury	Power to Cooling Fan Exceeded Normal Draw
P1484	Mercury	Variable Load Control Module Pin 1 Open
P1485	Mercury	EGRV Circuit Malfunction
P1500	Mercury	Vehicle Speed Sensor Intermittent
P1501	Mercury	Programmable Speedometer & Odometer Module/Vehicle Speed Sensor Intermittent Circuit-failure
P1502	Mercury	Invalid or Missing Vehicle Speed Message or Brake Data
P1504	Mercury	Intake Air Control Circuit malfunction
P1505	Mercury	Idle Air Control System at Adaptive Clip
P1506	Mercury	Idle Air Control Over Speed Error
P1507	Mercury	Idle Air Control Under Speed Error
P1512	Mercury	Intake Manifold Runner Control Stuck Closed
P1513	Mercury	Intake Manifold Runner Control Stuck Closed
P1516	Mercury	Intake Manifold Runner Control Input Error
P1517	Mercury	Intake Manifold Runner Control Input Error
P1518	Mercury	Intake Manifold Runner Control Fault - Stuck Open
P1519	Mercury	Intake Manifold Runner Control Stuck Open
P1520	Mercury	Intake Manifold Runner Control Circuit Fault
P1530	Mercury	Open or Short to A/C Compressor Clutch Circuit
P1531	Mercury	Invalid Test - Accelerator Pedal Movement
P1532	Mercury	IMCC Circuit Malfunction, Bank B
P1533	Mercury	AAI Circuit Malfunction
P1534	Mercury	Inertia Switch Activated
P1536	Mercury	Parking Brake Switch Circuit Failure
P1537	Mercury	Intake Manifold Runner Control Stuck Open
P1538	Mercury	Intake Manifold Runner Control Stuck Open
P1539	Mercury	Power to A/C Compressor Clutch Circuit Exceeded Normal Current Draw
P1549	Mercury	Intake Manifold Temperature Valve Vacuum Actuator Connection
P1550	Mercury	Power Steering Pressure Sensor Out of Self-Test Range
P1565	Mercury	Speed Control Command Switch Out of Range High
P1566	Mercury	Speed Control Command Switch Out of Range Low
P1567	Mercury	Speed Control Output Circuit Continuity
P1568	Mercury	Speed Control Unable to Hold Speed
P1572	Mercury	Brake Pedal Switch Circuit Malfunction
P1573	Mercury	Throttle Position Not Available
P1574	Mercury	Throttle Position Sensor Disagreement btwn Sensors
P1575	Mercury	Pedal Position Out of Self Test Range
P1576	Mercury	Pedal Position Not Available
P1577	Mercury	Pedal Position Sensor Disagreement btwn Sensors
P1578	Mercury	ETC Power Less Than Demand
P1579	Mercury	ETC In Power Limiting Mode
P1580	Mercury	Electronic Throttle Monitor PCM Override
P1581	Mercury	Electronic Throttle Monitor Malfunction
P1582	Mercury	Electronic Throttle Monitor Data Available
P1583	Mercury	Electronic Throttle Monitor Cruise Disable
P1584	Mercury	Throttle Control Detected ETB Malfunction
P1585	Mercury	Throttle Control Unit Malfunction
P1586	Mercury	Throttle Control Unit Throttle Position Malfunction
P1587	Mercury	Throttle Control Unit Modulated Command Malfunction
P1588	Mercury	Throttle Control Unit Detected Loss of Return Spring

P1589	Mercury	Throttle Control Unit Unable To Control Desired Throttle Angle
P1600	Mercury	Loss of KAM Power - Open Circuit
P1605	Mercury	PCM Keep Alive Memory Test Error
P1625	Mercury	Voltage to Vehicle Load Control Module Fan Circuit Not detected
P1626	Mercury	Voltage to Vehicle Load Control Module Circuit Not detected
P1634	Mercury	Data Output Link Circuit Failure
P1635	Mercury	Tire / Axle Ratio Out of Acceptable Range
P1636	Mercury	Inductive Signature Chip Communication Error
P1639	Mercury	Vehicle ID Block Corrupted or Not Programmed
P1640	Mercury	Powertrain DTCs Available in Another Module
P1641	Mercury	Fuel Pump Primary Circuit Failure
P1642	Mercury	Fuel Pump Monitor Circuit High Input
P1643	Mercury	Fuel Pump Monitor Circuit Low Input
P1644	Mercury	Fuel Pump Speed Control Circuit Malfunction
P1650	Mercury	Power Steering Pressure Switch Out of Self-Test Range
P1651	Mercury	Power Steering Pressure Switch Input Fault
P1656	Mercury	CAN Link PCM - PCM Circuit - Network
P1657	Mercury	CAN Link Chip Malfunction
P1660	Mercury	Output Circuit Check Signal High
P1661	Mercury	Output Circuit Check Signal Low
P1662	Mercury	IDM_EN Circuit Failure
P1663	Mercury	Fuel Demand Command Signal Circuit Malfunction
P1667	Mercury	CI Circuit Malfunction
P1668	Mercury	PCM - IDM Communications Error
P1670	Mercury	Electronic Feedback Signal Not Detected
P1690	Mercury	Wastegate Solenoid Circuit Malfunction
P1700	Mercury	Transmission system problems
P1701	Mercury	Reverse Engagement Error
P1702	Mercury	Transmission system problems
P1703	Mercury	Brake On/Off Switch Out of Self-Test Range
P1704	Mercury	Transmission system problems
P1705	Mercury	Manual Lever Position Sensor Out of Self-Test Range
P1706	Mercury	High Vehicle Speed Observed in Park
P1707	Mercury	Transfer Case Neutral Indicator Hard Fault Present
P1709	Mercury	Park or Neutral Position Switch Out of Self-Test Range
P1710	Mercury	Transmission system problems
P1711	Mercury	Transmission Fluid Temperature Sensor Out of Self-Test Range
P1712	Mercury	Trans Torque Reduction Request Signal Malfunction
P1713	Mercury	TFT Sensor In Range Failure Low Value
P1714	Mercury	SSA Inductive Signature Malfunction
P1715	Mercury	SSB Inductive Signature Malfunction
P1716	Mercury	SSC Inductive Signature Malfunction
P1717	Mercury	SSD Inductive Signature Malfunction
P1718	Mercury	TFT Sensor In Range Failure High
P1720	Mercury	Vehicle Speed (Meter) Circuit Malfunction
P1721	Mercury	Gear 1 Incorrect Ratio
P1722	Mercury	Gear 2 Incorrect Ratio
P1723	Mercury	Gear 3 incorrect Ratio
P1724	Mercury	Gear 4 Incorrect Ratio
P1725	Mercury	Insufficient Engine Speed Increase During Self Test
P1726	Mercury	Insufficient Engine Speed Decrease During Self Test
P1727	Mercury	Coast Clutch Solenoid Inductive Signature Malfunction
P1728	Mercury	Transmission Slip Error
P1729	Mercury	4x4 Low Switch Error
P1731	Mercury	1-2 Shift Malfunction
P1732	Mercury	2-3 Shift Malfunction
P1733	Mercury	3-4 Shift Malfunction
P1740	Mercury	Transmission system problems
P1741	Mercury	Torque Converter Clutch Control Error
P1742	Mercury	Torque Converter Clutch Solenoid Faulty
P1743	Mercury	Torque Converter Clutch Solenoid Faulty
P1744	Mercury	Torque Converter Clutch System Stuck in Off Position
P1745	Mercury	Transmission system problems
P1746	Mercury	Electronic Pressure Control Solenoid A - Open Circuit
P1747	Mercury	Electronic Pressure Control Solenoid A- Short Circuit
P1748	Mercury	EPC Malfunction
P1749	Mercury	Electronic Pressure Control Solenoid Failed Low
P1751	Mercury	Shift Solenoid A Performance
P1754	Mercury	Coast Clutch Solenoid Circuit malfunction
P1756	Mercury	Shift Solenoid B Performance
P1760	Mercury	Transmission system problems
P1761	Mercury	Shift Solenoid C Performance
P1762	Mercury	Overdrive Band Failed Off
P1766	Mercury	Shift Solenoid D Performance
P1767	Mercury	Torque Converter Clutch Circuit Malfunction
P1768	Mercury	Performance / Normal / Winter Mode Input Malfunction
P1770	Mercury	Clutch Solenoid Circuit Malfunction
P1779	Mercury	Transmission Control Indicator Lamp Circuit Malfunction

P1780	Mercury	Transmission Control Switch Circuit is Out of Self-Test Range
P1781	Mercury	4x4 Low Switch is Out of Self-Test Range
P1782	Mercury	P/ES Circuit Out Of Self Test Range
P1783	Mercury	Transmission Over-Temperature Condition
P1784	Mercury	Transmission Mechanical Failure - First And Reverse
P1785	Mercury	Transmission Mechanical Failure - First And Second
P1786	Mercury	3-2 Downshift Error
P1787	Mercury	2-1 Downshift Error
P1788	Mercury	Pressure Control Solenoid "B" Open Circuit
P1789	Mercury	Pressure Control Solenoid "B" Short Circuit
P1795	Mercury	Idle Switch Circuit Malfunction
P1804	Mercury	Transmission 4-Wheel Drive High Indicator Circuit Failure
P1806	Mercury	Transmission 4-Wheel Drive High Indicator Short Circuit To Battery
P1808	Mercury	Transmission 4-Wheel Drive Low Indicator Circuit Failure
P1810	Mercury	TFP Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator Short Circuit To Battery
P1812	Mercury	Transmission 4-Wheel Drive Mode Select Circuit Failure
P1815	Mercury	Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1819	Mercury	Transmission Neutral Safety Switch Short Circuit To Ground
P1820	Mercury	Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1822	Mercury	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1824	Mercury	Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1826	Mercury	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery
P1828	Mercury	Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
P1830	Mercury	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery
P1832	Mercury	Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1834	Mercury	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
P1838	Mercury	Transmission Transfer Case Shift Motor Circuit Failure
P1846	Mercury	Transmission Transfer Case Contact Plate 'A' Circuit Failure
P1850	Mercury	Transmission Transfer Case Contact Plate 'B' Circuit Failure
P1854	Mercury	Transmission Transfer Case Contact Plate 'C' Circuit Failure
P1858	Mercury	Transmission Transfer Case Contact Plate 'D' Circuit Failure
P1866	Mercury	Transmission Transfer Case System Concern - Servicing Required
P1867	Mercury	Transmission Transfer Case Contact Plate General Circuit Failure
P1876	Mercury	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure
P1877	Mercury	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery
P1881	Mercury	Engine Coolant Level Switch Circuit Failure, GEM
P1882	Mercury	Engine Coolant Level Switch Circuit Short to Ground
P1883	Mercury	Engine Coolant Level Switch Circuit Failure, GEM
P1884	Mercury	Engine Coolant Level Lamp Circuit Short to Ground
P1891	Mercury	Transmission Transfer Case Contact Plate Ground Return Open Circuit
P1900	Mercury	Output Shaft Speed (OSS) Circuit Intermittent Malfunction
P1901	Mercury	Turbine Shaft Speed (TSS) Circuit Intermittent Malfunction
P1902	Mercury	Kickdown Solenoid Relay Control Circuit
P1903	Mercury	Kickdown Solenoid Circuit Low Voltage
P1904	Mercury	Kickdown Solenoid Circuit High Voltage
P1106	Mini	Manifold absolute pressure (MAP) sensor - signal too low at engine stop
P1107	Mini	Manifold absolute pressure (MAP) sensor - signal too low at idle
P1108	Mini	Manifold absolute pressure (MAP) sensor - signal too low at full load for low engine speed
P1109	Mini	Manifold absolute pressure - too high under deceleration
P1122	Mini	Accelerator pedal position (APP) sensor 1 - low input
P1123	Mini	Accelerator pedal position (APP) sensor 1 - high input
P1125	Mini	Throttle position (TP) sensor, A/B - small range/performance problem
P1126	Mini	Throttle position (TP) sensor, A/B - large range/ performance problem
P1143	Mini	Heated oxygen sensor (HO2S) 2, bank 1 - signal too high
P1144	Mini	Heated oxygen sensor (HO2S) 2, bank 1 - signal too low
P1212	Mini	Exhaust gas recirculation (EGR) valve actuator - circuit high
P1222	Mini	Accelerator pedal position (APP) sensor 2 - low input
P1223	Mini	Accelerator pedal position (APP) sensor 2 - high input
P1224	Mini	Accelerator pedal position (APP) sensor 1/2 - range/performance problem
P1226	Mini	Electronic throttle system (ETS) - malfunction
P1229	Mini	Throttle position (TP) sensor - adaptation failure
P1234	Mini	Fuel pump (FP) relay, primary circuit - low
P1236	Mini	Fuel pump (FP) relay, primary circuit - high
P1237	Mini	Manifold absolute pressure (MAP) sensor 2 - low input
P1238	Mini	Manifold absolute pressure (MAP) sensor 2 - high input
P1239	Mini	Manifold absolute pressure (MAP) sensor 2 - signal too low at engine stop
P1240	Mini	Manifold absolute pressure (MAP) sensor 2 - signal too low at idle
P1241	Mini	Manifold absolute pressure (MAP) sensor 2 - signal too low at full load for low engine speed
P1242	Mini	Manifold absolute pressure (MAP) sensor 2 - too high in deceleration
P1320	Mini	Flywheel adaptation for misfire detection - range
P1321	Mini	Flywheel adaptation for misfire detection - performance
P1366	Mini	Ignition coil A, primary/secondary circuit - low
P1367	Mini	Ignition coil B, primary/secondary circuit - low
P1570	Mini	Engine control module (ECM), sensor supply circuit A - low output
P1571	Mini	Engine control module (ECM), sensor supply circuit A - high output
P1572	Mini	Engine control module (ECM), sensor supply circuit A - noisy signal
P1573	Mini	Engine control module (ECM), sensor supply circuit B - low output
P1574	Mini	Engine control module (ECM), sensor supply circuit B - high output

P1575	Mini	Engine control module (ECM), sensor supply ; circuit B - noisy signal
P1600	Mini	Engine control module (ECM) - external access RAM error
P1612	Mini	CAN data bus, instrument panel
P1613	Mini	CAN data bus, automatic stability control (ASC) system
P1615	Mini	Engine control module (ECM) processor - SPI-bus failure
P1616	Mini	Engine control module (ECM) coding memory - check sum error
P1617	Mini	Engine control module (ECM) H bridge controller
P1680	Mini	Electronic throttle control monitor level 2/3 - ADC processor fault
P1681	Mini	Electronic throttle control monitor level 2/3 - engine speed calculation error
P1682	Mini	Electronic throttle control monitor level 2/3 - idle speed 'a' calculation fault
P1683	Mini	Electronic throttle control monitor level 2/3 - idle speed 'b' calculation fault
P1684	Mini	Electronic throttle control monitor level 2/3 - clutch torque min error
P1685	Mini	Electronic throttle control monitor level 2/3 - clutch torque max error
P1686	Mini	Electronic throttle control monitor level 2/3 - , APP sensor diagnostic error
P1687	Mini	Electronic throttle control monitor level 2/3 - TP sensor diagnostic error
P1688	Mini	Electronic throttle control monitor level 2/3 - MAF calculation
P1689	Mini	Electronic throttle control monitor level 2/3 - torque calculation error
P1691	Mini	Electronic throttle control monitor level 2/3 - motorised throttle control engine speed ; limitation error
P1692	Mini	Electronic throttle control monitor level 2/3 - motorised throttle control and fuel injection switch off A
P1693	Mini	Electronic throttle control monitor level 2/3 ~ motorised throttle control and fuel injection switch off B
P1696	Mini	Engine control (EC) relay, control circuit - low input
P1697	Mini	Engine control (EC) relay, control circuit - low input
P1100	Mitsubishi	Induction control motor position sensor fault
P1101	Mitsubishi	Traction control vacuum solenoid circuit fault
P1102	Mitsubishi	Traction control ventilation solenoid circuit fault
P1103	Mitsubishi	Turbocharger waste gate actuator circuit fault
P1104	Mitsubishi	Turbocharger waster Gate solenoid circuit fault
P1105	Mitsubishi	Fuel pressure solenoid circuit fault
P1294	Mitsubishi	Target Idle speed not reached
P1295	Mitsubishi	No 5 - volt supply to TP sensor
P1296	Mitsubishi	No 5 - volt supply to MAP sensor
P1297	Mitsubishi	No charge in MAP from start to run
P1300	Mitsubishi	Ignition timing adjustment circuit fault
P1390	Mitsubishi	Timing belt skipped one tooth or more
P1391	Mitsubishi	Intermittent loss of CMP or CKP sensor signals
P1400	Mitsubishi	Manifold differential pressure sensor fault
P1443	Mitsubishi	EVAP purge control solenoid '2' circuit fault
P1486	Mitsubishi	EVAP leak monitor pinched hose detected
P1487	Mitsubishi	High speed radiator fan control relay circuit fault
P1489	Mitsubishi	High speed condenser fan control relay fault
P1490	Mitsubishi	Low speed fan control relay fault
P1492	Mitsubishi	Battery temperature sensor high voltage
P1494	Mitsubishi	EVAP ventilation switch or mechanical fault
P1495	Mitsubishi	EVAP ventilation solenoid circuit fault
P1496	Mitsubishi	5 Volt supply output too low
P1500	Mitsubishi	Generator FR terminal circuit fault
P1600	Mitsubishi	PCM/TCM serial communication link circuit fault
P1696	Mitsubishi	PCM failure - EEPROM write denied
P1698	Mitsubishi	NO CCD messages from TCM
P1715	Mitsubishi	TCM pulse generator circuit fault
P1750	Mitsubishi	Pressure control,shift control,TCC solenoid fault
P1791	Mitsubishi	PCM ECT level signal to TCM circuit fault
P1899	Mitsubishi	P/N position / transaxle range switch circuit fault
P1031	Nissan	Air / Fuel Ratio Sensor Meter
P1032	Nissan	Air / Fuel Ratio Sensor Meter
P1065	Nissan	ECM Power Supply Heater
P1102	Nissan	Mass Air Flow Sensor Function Heater
P1103	Nissan	MAP Sensor Heater
P1104	Nissan	MAP Sensor Heater
P1105	Nissan	MAP / BARO Switch SOL/V
P1108	Nissan	MAP Sensor Heater
P1110	Nissan	Intake Valve Timing Control,LH Bank
P1111	Nissan	Intake Valve Timing Control Solenoid Valve
P1119	Nissan	Radiator Temperature Sensor Circuit
P1120	Nissan	TP Sensor 2
P1121	Nissan	Electronic Throttle Control Actuator
P1122	Nissan	Electronic Throttle Control Actuator
P1124	Nissan	Throttle Control Motor Relay
P1125	Nissan	Tandem TP Sensor
P1126	Nissan	Throttle Control Motor Relay
P1128	Nissan	Throttle Control Motor
P1130	Nissan	Swirl Control Valve Control Solenoid Valve
P1131	Nissan	Swirl Control Solenoid Valve
P1132	Nissan	Swirl Control Valve
P1135	Nissan	Intake Valve Timing Control,RH Bank 2
P1136	Nissan	Intake Valve Timing Control Solenoid Valve
P1137	Nissan	Swirl Control Valve Position Sensor
P1138	Nissan	Swirl Control Valve

P1140	Nissan	Intake Valve Timing Control Position Sensor,LH Bank 1
P1143	Nissan	Heated O2 Sensor 1
P1144	Nissan	Heated O2 Sensor 1
P1145	Nissan	Intake Valve Timing Control Position Sensor,RH Bank 2
P1146	Nissan	Heated O2 Sensor 2
P1147	Nissan	Heated O2 Sensor 2
P1148	Nissan	Closed Loop,Bank 1
P1163	Nissan	Heated O2 Sensor 1
P1164	Nissan	Heated O2 Sensor 1
P1165	Nissan	Swirl Control Valve Control Vacuum Check Switch
P1166	Nissan	Heated O2 Sensor 2
P1167	Nissan	Heated O2 Sensor 2
P1168	Nissan	Closed Loop,Bank 2
P1169	Nissan	Heated O2 Sensor 3
P1170	Nissan	Heated O2 Sensor 3
P1210	Nissan	Traction Control Signal Circuit
P1211	Nissan	ABS/TCS Control Unit
P1212	Nissan	ABS/TCS Communication Line
P1217	Nissan	Engine Coolant Temperature
P1220	Nissan	FPCM
P1221	Nissan	Throttle Actuator Circuit
P1222	Nissan	Temperature Sensor Circuit
P1223	Nissan	Throttle Position Sensor 2
P1224	Nissan	Throttle Position Sensor 2
P1225	Nissan	Closed Throttle Position Learning
P1226	Nissan	Closed Throttle Position Learning
P1227	Nissan	Accelerator Pedal Position Sensor 2
P1228	Nissan	Accelerator Pedal Position Sensor 2
P1229	Nissan	Sensor Power Supply
P1271	Nissan	Air / Fuel Ratio Sensor 1
P1272	Nissan	Air / Fuel Ratio Sensor 1
P1273	Nissan	Air / Fuel Ratio Sensor 1
P1274	Nissan	Air / Fuel Ratio Sensor 1
P1276	Nissan	Air / Fuel Ratio Sensor 1
P1278	Nissan	Air / Fuel Ratio Sensor 1
P1279	Nissan	Air / Fuel Ratio Sensor 1
P1320	Nissan	Ignition Signal,Primary
P1335	Nissan	CKP Sensor (Ref)
P1336	Nissan	CKP Sensor (POS) Cog
P1400	Nissan	EGRC Solenoid/V
P1401	Nissan	EGR Temp Sensor
P1402	Nissan	EGR System
P1440	Nissan	EVAP Small Leak
P1441	Nissan	VC/V Bypass/V
P1443	Nissan	Canister Control Vacuum Check Switch
P1444	Nissan	Purge Volume Control/V
P1445	Nissan	Purge Volume Control/V
P1446	Nissan	Vent Control Valve
P1447	Nissan	EVAP Purge Flow
P1448	Nissan	Vent Control Valve
P1456	Nissan	EVAP Control System
P1464	Nissan	Fuel Level Sensor Circuit Ground Signal
P1480	Nissan	Fan Control Solenoid Valve Circuit
P1490	Nissan	VC/V Bypass/V
P1491	Nissan	VC Cut/V Bypass/V
P1492	Nissan	Purge Control/V S/V
P1493	Nissan	Purge Control/V & S/V
P1564	Nissan	ASCD Steering Switch
P1568	Nissan	ICC (Intelligent Cruise Control)
P1572	Nissan	ASCD (Automatic Speed Control Device) Brake Switch
P1574	Nissan	ASCD Vehicle Speed Sensor
P1605	Nissan	A/T Diag Comm Line
P1610	Nissan	NATS Malfunction
P1611	Nissan	NATS Malfunction
P1612	Nissan	NATS Malfunction
P1613	Nissan	NATS Malfunction
P1614	Nissan	NATS Malfunction
P1615	Nissan	NATS Malfunction
P1705	Nissan	TP Sensor A/T
P1706	Nissan	PNP Switch
P1720	Nissan	Vehicle Speed Sensor - A/T Output
P1760	Nissan	Overrun Clutch S/V
P1775	Nissan	Torque Converter Clutch Solenoid Valve
P1776	Nissan	Torque Converter Clutch Solenoid Valve
P1780	Nissan	Shift Change Signal
P1800	Nissan	VIAS Control Solenoid Valve
P1805	Nissan	Brake switch
P1900	Nissan	Cooling Fan

P1000	Oldsmobile	OBD System Readiness Test Not Complete
P1001	Oldsmobile	KOER Test Cannot Be Completed
P1039	Oldsmobile	Vehicle Speed Signal Missing or Improper
P1051	Oldsmobile	Brake Switch Signal Missing or Improper
P1100	Oldsmobile	Mass Air Flow Sensor Intermittent
P1101	Oldsmobile	Mass Air Flow Sensor Out of Self-Test Range
P1105	Oldsmobile	Dual Alternator Upper Fault
P1106	Oldsmobile	Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
P1107	Oldsmobile	Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
P1108	Oldsmobile	Dual Alternator Battery Lamp Circuit Malfunction
P1109	Oldsmobile	IAT - B Sensor Intermittent
P1111	Oldsmobile	System Pass
P1112	Oldsmobile	Intake Air Temperature Sensor Intermittent
P1114	Oldsmobile	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT - B Circuit Low Input
P1115	Oldsmobile	Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT - B Circuit High Input
P1116	Oldsmobile	Engine Coolant Temperature Sensor is Out of Self-Test Range
P1117	Oldsmobile	Engine Coolant Temperature Sensor Intermittent
P1118	Oldsmobile	Manifold Absolute Temperature Circuit Low Input
P1119	Oldsmobile	Manifold Absolute Temperature Circuit High Input
P1120	Oldsmobile	Throttle Position Sensor Out of Range
P1121	Oldsmobile	Throttle Position Sensor Inconsistent with Mass Air Flow Sensor
P1122	Oldsmobile	Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
P1123	Oldsmobile	Throttle Position Sensor In Range But Higher Than Expected
P1124	Oldsmobile	Throttle Position Sensor Out of Self-Test Range
P1125	Oldsmobile	Throttle Position Sensor Intermittent
P1127	Oldsmobile	Exhaust Not Warm Enough - Downstream O2 Sensor Not Tested
P1128	Oldsmobile	Upstream Heated Oxygen Sensor Signals Reversed
P1129	Oldsmobile	Downstream Heated Oxygen Sensor Signals Reversed
P1130	Oldsmobile	Lack of Upstream Heated Oxygen Sensor Switch - Adaptive Fuel Limit - Bank 1
P1131	Oldsmobile	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 1
P1132	Oldsmobile	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 1
P1133	Oldsmobile	Bank 1 Fuel Control Shifted Lean
P1134	Oldsmobile	Bank 1 Fuel Control Shifted Rich
P1135	Oldsmobile	Pedal Position Sensor A Circuit Intermittent
P1137	Oldsmobile	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 1
P1138	Oldsmobile	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 1
P1139	Oldsmobile	Water In Fuel Indicator Circuit Malfunction
P1140	Oldsmobile	Water In Fuel Condition
P1141	Oldsmobile	Fuel Restriction Indicator Circuit Malfunction
P1142	Oldsmobile	Fuel Restriction Condition
P1150	Oldsmobile	Lack of Upstream Heated Oxygen Sensor Switch - Adaptive Fuel Limit - Bank 2
P1151	Oldsmobile	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 2
P1152	Oldsmobile	Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 2
P1153	Oldsmobile	Bank 2 Fuel Control Shifted Lean
P1154	Oldsmobile	Bank 2 Fuel Control Shifted Rich
P1155	Oldsmobile	Alternative Fuel Controller
P1157	Oldsmobile	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank 2
P1158	Oldsmobile	Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank 2
P1168	Oldsmobile	Fuel Rail Sensor In-Range Low Failure
P1169	Oldsmobile	Fuel Rail Sensor In-Range High Failure
P1170	Oldsmobile	ESO - Engine Shut Off Solenoid Fault
P1171	Oldsmobile	Rotor Sensor Fault
P1172	Oldsmobile	Rotor Control Fault
P1173	Oldsmobile	Rotor Calibration Fault
P1174	Oldsmobile	Cam Sensor Fault
P1175	Oldsmobile	Cam Control Fault
P1176	Oldsmobile	Cam Calibration Fault
P1177	Oldsmobile	Synchronization Fault
P1180	Oldsmobile	Fuel Delivery System Malfunction - Low
P1181	Oldsmobile	Fuel Delivery System Malfunction - High
P1183	Oldsmobile	Engine Oil Temperature Circuit Malfunction
P1184	Oldsmobile	Engine Oil Temperature Out Of Self Test Range
P1185	Oldsmobile	FTS High - Fuel Pump Temperature Sensor High
P1186	Oldsmobile	FTS Low - Fuel Pump Temperature Sensor Low
P1187	Oldsmobile	Variant Selection
P1188	Oldsmobile	Calibration Memory Fault
P1189	Oldsmobile	Pump Speed Signal Fault
P1190	Oldsmobile	Calibration Resistor Out Of Range
P1191	Oldsmobile	Key Line Voltage
P1192	Oldsmobile	Voltage External
P1193	Oldsmobile	EGR Drive Overcurrent
P1194	Oldsmobile	ECU A/D Converter
P1195	Oldsmobile	SCP HBCC Failed To Initialize
P1196	Oldsmobile	Key Off Voltage High
P1197	Oldsmobile	Key Off Voltage Low
P1198	Oldsmobile	Pump Rotor Control Underfueling
P1209	Oldsmobile	Injector Control Pressure System Fault
P1210	Oldsmobile	Injector Control Pressure Above Expected Level

P1211	Oldsmobile	Injector Control Pressure Sensor Above / Below Desired
P1212	Oldsmobile	Injector Control Pressure Not Detected During Crank
P1213	Oldsmobile	Start Injector Circuit Malfunction
P1214	Oldsmobile	Pedal Position Sensor B Circuit Intermittent
P1215	Oldsmobile	Pedal Position Sensor C Circuit Low Input
P1216	Oldsmobile	Pedal Position Sensor C Circuit High Input
P1217	Oldsmobile	Pedal Position Sensor C Circuit Intermittent
P1218	Oldsmobile	CID High
P1219	Oldsmobile	CID Low
P1220	Oldsmobile	Series Throttle Control Fault
P1221	Oldsmobile	Traction Control System Malfunction
P1222	Oldsmobile	Traction Control Output Circuit Malfunction
P1223	Oldsmobile	Pedal Demand Sensor B Circuit High Input
P1224	Oldsmobile	Throttle Position Sensor B Out of Self-Test Range
P1227	Oldsmobile	Wastegate Failed Closed (Over Pressure)
P1228	Oldsmobile	Wastegate Failed Open (Under Pressure)
P1229	Oldsmobile	Intercooler Pump Driver Fault
P1230	Oldsmobile	Open Power to Fuel Pump Circuit
P1231	Oldsmobile	High Speed Fuel Pump Relay Activated
P1232	Oldsmobile	Low Speed Fuel Pump Primary Circuit Failure
P1233	Oldsmobile	Fuel Pump Driver Module Off-Line
P1234	Oldsmobile	Fuel Pump Driver Module Off-Line
P1235	Oldsmobile	Fuel Pump Control Out of Range
P1236	Oldsmobile	Fuel Pump Control Out of Range
P1237	Oldsmobile	Fuel Pump Secondary Circuit Fault
P1238	Oldsmobile	Fuel Pump Secondary Circuit Fault
P1239	Oldsmobile	Speed Fuel Pump Positive Feed Fault
P1243	Oldsmobile	Second Fuel Pump Faulty or Ground Fault
P1244	Oldsmobile	Alternator Load Input Failed High
P1245	Oldsmobile	Alternator Load Input Failed Low
P1246	Oldsmobile	Alternator Load Input Failed
P1247	Oldsmobile	Turbo Boost Pressure Low
P1248	Oldsmobile	Turbo Boost Pressure Not Detected
P1249	Oldsmobile	Wastegate Control Valve Performance
P1250	Oldsmobile	Lack of Power to FPRC Solenoid
P1252	Oldsmobile	Pedal Correlation PDS1 and LPDS High
P1253	Oldsmobile	Pedal Correlation PDS1 and LPDS Low
P1254	Oldsmobile	Pedal Correlation PDS2 and LPDS High
P1255	Oldsmobile	Pedal Correlation PDS2 and LPDS Low
P1256	Oldsmobile	Pedal Correlation PDS1 and HPDS
P1257	Oldsmobile	Pedal Correlation PDS2 and HPDS
P1258	Oldsmobile	Pedal Correlation PDS1 and PDS2
P1260	Oldsmobile	Theft Detected - Engine Disabled
P1261	Oldsmobile	Cylinder #1 High To Low Side Short
P1262	Oldsmobile	Cylinder #2 High To Low Side Short
P1263	Oldsmobile	Cylinder #3 High To Low Side Short
P1264	Oldsmobile	Cylinder #4 High To Low Side Short
P1265	Oldsmobile	Cylinder #5 High To Low Side Short
P1266	Oldsmobile	Cylinder #6 High To Low Side Short
P1267	Oldsmobile	Cylinder #7 High To Low Side Short
P1268	Oldsmobile	Cylinder #8 High To Low Side Short
P1270	Oldsmobile	Engine RPM or Vehicle Speed Limiter Reached
P1271	Oldsmobile	Cylinder #1 High To Low Side Open
P1272	Oldsmobile	Cylinder #2 High To Low Side Open
P1273	Oldsmobile	Cylinder #3 High To Low Side Open
P1274	Oldsmobile	Cylinder #4 High To Low Side Open
P1275	Oldsmobile	Cylinder #5 High To Low Side Open
P1276	Oldsmobile	Cylinder #6 High To Low Side Open
P1277	Oldsmobile	Cylinder #7 High To Low Side Open
P1278	Oldsmobile	Cylinder #8 High To Low Side Open
P1280	Oldsmobile	Injection Control Pressure Out Of Range Low
P1281	Oldsmobile	Injection Control Pressure Out Of Range High
P1282	Oldsmobile	Excessive Injection Control Pressure
P1283	Oldsmobile	IPR Circuit Failure
P1284	Oldsmobile	Aborted KOER - ICP Failure
P1285	Oldsmobile	Cylinder head over temp sensed
P1286	Oldsmobile	Fuel Pulse In Range But Lower Than Expected
P1287	Oldsmobile	Fuel Pulse In Range But Higher Than Expected
P1288	Oldsmobile	Cylinder Head Temperature Sensor Out of Self-Test Range
P1289	Oldsmobile	Cylinder Head Temperature Sensor Signal Greater Than Self-Test Range
P1290	Oldsmobile	Cylinder Head Temperature Sensor Signal Less Than Self-Test Range
P1291	Oldsmobile	Injector High Side Short To GND Or VBATT - Bank 1
P1292	Oldsmobile	Injector High Side Short To GND Or VBATT - Bank 2
P1293	Oldsmobile	Injector High Side Open - Bank 1
P1294	Oldsmobile	Injector High Side Open - Bank 2/Target idle not reached
P1295	Oldsmobile	Multi-faults - Bank 1 - With Low Side Shorts
P1296	Oldsmobile	Multi-faults - Bank 2 - With Low Side Shorts
P1297	Oldsmobile	Injector High Sides Shorted Together

P1298	Oldsmobile	IDM Failure
P1299	Oldsmobile	Cylinder Head Temperature Sensor Detected Engine Overheating Condition
P1300	Oldsmobile	Boost Calibration Fault
P1301	Oldsmobile	Boost Calibration High
P1302	Oldsmobile	Boost Calibration Low
P1303	Oldsmobile	EGR Calibration Fault
P1304	Oldsmobile	EGR Calibration High
P1305	Oldsmobile	EGR Calibration Low
P1306	Oldsmobile	Kickdown Relay Pull - In Circuit Fault
P1307	Oldsmobile	Kickdown Relay Hold Circuit Fault
P1308	Oldsmobile	A/C Clutch Circuit Fault
P1309	Oldsmobile	Misfire Detection Monitor Not enabled
P1316	Oldsmobile	Injector Circuit / IDM Codes Detected
P1317	Oldsmobile	Injector Circuit / IDM Codes Not Updated
P1340	Oldsmobile	Camshaft Position Sensor B Circuit Malfunction
P1351	Oldsmobile	Ignition Diagnostic Monitor Circuit Input Fault
P1352	Oldsmobile	Ignition Coil A - Primary Circuit Fault
P1353	Oldsmobile	Ignition Coil B - Primary Circuit Fault
P1354	Oldsmobile	Ignition Coil C - Primary Circuit Fault
P1355	Oldsmobile	Ignition Coil D - Primary Circuit Fault
P1356	Oldsmobile	Loss of Ignition Diagnostic Module Input to PCM
P1357	Oldsmobile	Ignition Diagnostic Monitor Pulsewidth Not Defined
P1358	Oldsmobile	Ignition Diagnostic Monitor Signal Out of Self-Test Range
P1359	Oldsmobile	Spark Output Circuit Fault
P1360	Oldsmobile	Ignition Coil A Secondary Circuit Malfunction
P1361	Oldsmobile	Ignition Control (IC) Circuit Low Voltage
P1362	Oldsmobile	Ignition Coil C Secondary Circuit Malfunction
P1363	Oldsmobile	Ignition Coil D Secondary Circuit Malfunction
P1364	Oldsmobile	Ignition Coil Primary Circuit Fault
P1365	Oldsmobile	Ignition Coil Secondary Circuit Failure
P1369	Oldsmobile	Engine Temperature Light Monitor Failure
P1380	Oldsmobile	VCT Solenoid Valve Circuit Short or Open
P1381	Oldsmobile	Cam Timing Advance is excessive
P1383	Oldsmobile	Cam Timing Advance is excessive
P1385	Oldsmobile	Variable Cam Timing Solenoid B Malfunction
P1386	Oldsmobile	Variable Cam Timing Overadvanced (Bank #2)
P1388	Oldsmobile	Variable Cam Timing Overretarded (Bank #2)
P1389	Oldsmobile	Glow Plug Circuit High Side Low Input
P1390	Oldsmobile	Octane Adjust Out of Self-Test Range
P1391	Oldsmobile	Glow Plug Circuit Low Input (Bank #1)
P1392	Oldsmobile	Glow Plug Circuit High Input (Bank #1)
P1393	Oldsmobile	Glow Plug Circuit Low Input (Bank #2)
P1394	Oldsmobile	Glow Plug Circuit High Input (Bank #2)
P1395	Oldsmobile	Glow Plug Monitor Fault (Bank #1)
P1396	Oldsmobile	Glow Plug Monitor Fault (Bank #2)
P1397	Oldsmobile	System Voltage Out Of Self Test Range
P1399	Oldsmobile	Glow Plug Circuit High Side, High Input
P1400	Oldsmobile	Differential Pressure Feedback Electronic Sensor Circuit Low Voltage
P1401	Oldsmobile	Differential Pressure Feedback Electronic Sensor Circuit High Voltage
P1402	Oldsmobile	EGR Metering Orifice Restricted
P1403	Oldsmobile	Differential Pressure Feedback Electronic Sensor Hoses Reversed
P1404	Oldsmobile	IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance
P1405	Oldsmobile	Differential Pressure Feedback Electronic Sensor Circuit Upstream Hose
P1406	Oldsmobile	Differential Pressure Feedback Electronic Sensor Circuit Downstream Hose
P1407	Oldsmobile	EGR No Flow Detected
P1408	Oldsmobile	EGR Flow Out of Self-Test Range
P1409	Oldsmobile	EGR Vacuum Regulator Circuit malfunction
P1410	Oldsmobile	EGR Barometric Pressure Sensor VREF Voltage
P1411	Oldsmobile	Secondary Air is Not being diverted
P1413	Oldsmobile	Secondary Air Injection System Monitor Circuit Low Voltage
P1414	Oldsmobile	Secondary Air Injection System Monitor Circuit High Voltage
P1431	Oldsmobile	Misfire Monitor Disabled, Unable to Learn Trigger Wheel Profile
P1442	Oldsmobile	Secondary Air Injection System Monitor Circuit High Voltage
P1443	Oldsmobile	Evaporative Emission Control System - Vacuum System - Purge Control Solenoid or Purge Control Valve Fault
P1444	Oldsmobile	Purge Flow Sensor Circuit Input Low
P1445	Oldsmobile	Purge Flow Sensor Circuit Input High
P1450	Oldsmobile	Inability of Evaporative Emission Control System to Bleed Fuel Tank
P1451	Oldsmobile	EVAP Control System Canister Vent Solenoid Circuit Malfunction
P1452	Oldsmobile	Inability of Evaporative Emission Control System to Bleed Fuel Tank
P1455	Oldsmobile	Substantial Leak or Blockage in Evaporative Emission Control System
P1457	Oldsmobile	Unable To Pull Vacuum In Tank
P1460	Oldsmobile	Wide Open Throttle Air Conditioning Cutoff Circuit malfunction
P1461	Oldsmobile	Air Conditioning Pressure Sensor Circuit Low Input
P1462	Oldsmobile	Air Conditioning Pressure Sensor Circuit high Input
P1463	Oldsmobile	Air Conditioning Pressure Sensor Insufficient Pressure change
P1464	Oldsmobile	ACCS to PCM High During Self-Test
P1465	Oldsmobile	A/C Relay Circuit Malfunction
P1466	Oldsmobile	A/C Refrigerant Temperature Sensor/Circuit Malfunction

P1469	Oldsmobile	Low Air Conditioning Cycling Period
P1473	Oldsmobile	Fan Secondary High with Fans Off
P1474	Oldsmobile	Low Fan Control Primary Circuit
P1479	Oldsmobile	High Fan Control Primary Circuit
P1480	Oldsmobile	Fan Secondary Low with Low Fans On
P1481	Oldsmobile	Fan Secondary Low with High Fans On
P1482	Oldsmobile	SCP
P1483	Oldsmobile	Power to Cooling Fan Exceeded Normal Draw
P1484	Oldsmobile	Variable Load Control Module Pin 1 Open
P1485	Oldsmobile	EGRV Circuit Malfunction
P1500	Oldsmobile	Vehicle Speed Sensor Intermittent
P1501	Oldsmobile	Programmable Speedometer & Odometer Module/Vehicle Speed Sensor Intermittent Circuit-failure
P1502	Oldsmobile	Invalid or Missing Vehicle Speed Message or Brake Data
P1504	Oldsmobile	Intake Air Control Circuit malfunction
P1505	Oldsmobile	Idle Air Control System at Adaptive Clip
P1506	Oldsmobile	Idle Air Control Over Speed Error
P1507	Oldsmobile	Idle Air Control Under Speed Error
P1512	Oldsmobile	Intake Manifold Runner Control Stuck Closed
P1513	Oldsmobile	Intake Manifold Runner Control Stuck Closed
P1516	Oldsmobile	Intake Manifold Runner Control Input Error
P1517	Oldsmobile	Intake Manifold Runner Control Input Error
P1518	Oldsmobile	Intake Manifold Runner Control Fault - Stuck Open
P1519	Oldsmobile	Intake Manifold Runner Control Stuck Open
P1520	Oldsmobile	Intake Manifold Runner Control Circuit Fault
P1530	Oldsmobile	Open or Short to A/C Compressor Clutch Circuit
P1531	Oldsmobile	Invalid Test - Accelerator Pedal Movement
P1532	Oldsmobile	IMCC Circuit Malfunction, Bank B
P1533	Oldsmobile	AAI Circuit Malfunction
P1534	Oldsmobile	Inertia Switch Activated
P1536	Oldsmobile	Parking Brake Switch Circuit Failure
P1537	Oldsmobile	Intake Manifold Runner Control Stuck Open
P1538	Oldsmobile	Intake Manifold Runner Control Stuck Open
P1539	Oldsmobile	Power to A/C Compressor Clutch Circuit Exceeded Normal Current Draw
P1549	Oldsmobile	Intake Manifold Temperature Valve Vacuum Actuator Connection
P1550	Oldsmobile	Power Steering Pressure Sensor Out of Self-Test Range
P1565	Oldsmobile	Speed Control Command Switch Out of Range High
P1566	Oldsmobile	Speed Control Command Switch Out of Range Low
P1567	Oldsmobile	Speed Control Output Circuit Continuity
P1568	Oldsmobile	Speed Control Unable to Hold Speed
P1572	Oldsmobile	Brake Pedal Switch Circuit Malfunction
P1573	Oldsmobile	Throttle Position Not Available
P1574	Oldsmobile	Throttle Position Sensor Disagreement btwn Sensors
P1575	Oldsmobile	Pedal Position Out of Self Test Range
P1576	Oldsmobile	Pedal Position Not Available
P1577	Oldsmobile	Pedal Position Sensor Disagreement btwn Sensors
P1578	Oldsmobile	ETC Power Less Than Demand
P1579	Oldsmobile	ETC In Power Limiting Mode
P1580	Oldsmobile	Electronic Throttle Monitor PCM Override
P1581	Oldsmobile	Electronic Throttle Monitor Malfunction
P1582	Oldsmobile	Electronic Throttle Monitor Data Available
P1583	Oldsmobile	Electronic Throttle Monitor Cruise Disable
P1584	Oldsmobile	Throttle Control Detected ETB Malfunction
P1585	Oldsmobile	Throttle Control Unit Malfunction
P1586	Oldsmobile	Throttle Control Unit Throttle Position Malfunction
P1587	Oldsmobile	Throttle Control Unit Modulated Command Malfunction
P1588	Oldsmobile	Throttle Control Unit Detected Loss of Return Spring
P1589	Oldsmobile	Throttle Control Unit Unable To Control Desired Throttle Angle
P1600	Oldsmobile	Loss of KAM Power - Open Circuit
P1605	Oldsmobile	PCM Keep Alive Memory Test Error
P1625	Oldsmobile	Voltage to Vehicle Load Control Module Fan Circuit Not detected
P1626	Oldsmobile	Voltage to Vehicle Load Control Module Circuit Not detected
P1634	Oldsmobile	Data Output Link Circuit Failure
P1635	Oldsmobile	Tire / Axle Ratio Out of Acceptable Range
P1636	Oldsmobile	Inductive Signature Chip Communication Error
P1639	Oldsmobile	Vehicle ID Block Corrupted or Not Programmed
P1640	Oldsmobile	Powertrain DTCs Available in Another Module
P1641	Oldsmobile	Fuel Pump Primary Circuit Failure
P1642	Oldsmobile	Fuel Pump Monitor Circuit High Input
P1643	Oldsmobile	Fuel Pump Monitor Circuit Low Input
P1644	Oldsmobile	Fuel Pump Speed Control Circuit Malfunction
P1650	Oldsmobile	Power Steering Pressure Switch Out of Self-Test Range
P1651	Oldsmobile	Power Steering Pressure Switch Input Fault
P1656	Oldsmobile	CAN Link PCM - PCM Circuit - Network
P1657	Oldsmobile	CAN Link Chip Malfunction
P1660	Oldsmobile	Output Circuit Check Signal High
P1661	Oldsmobile	Output Circuit Check Signal Low
P1662	Oldsmobile	IDM_EN Circuit Failure
P1663	Oldsmobile	Fuel Demand Command Signal Circuit Malfunction

P1667	Oldsmobile	CI Circuit Malfunction
P1668	Oldsmobile	PCM - IDM Communications Error
P1670	Oldsmobile	Electronic Feedback Signal Not Detected
P1690	Oldsmobile	Wastegate Solenoid Circuit Malfunction
P1700	Oldsmobile	Transmission system problems
P1701	Oldsmobile	Reverse Engagement Error
P1702	Oldsmobile	Transmission system problems
P1703	Oldsmobile	Brake On/Off Switch Out of Self-Test Range
P1704	Oldsmobile	Transmission system problems
P1705	Oldsmobile	Manual Lever Position Sensor Out of Self-Test Range
P1706	Oldsmobile	High Vehicle Speed Observed in Park
P1707	Oldsmobile	Transfer Case Neutral Indicator Hard Fault Present
P1709	Oldsmobile	Park or Neutral Position Switch Out of Self-Test Range
P1710	Oldsmobile	Transmission system problems
P1711	Oldsmobile	Transmission Fluid Temperature Sensor Out of Self-Test Range
P1712	Oldsmobile	Trans Torque Reduction Request Signal Malfunction
P1713	Oldsmobile	TFT Sensor In Range Failure Low Value
P1714	Oldsmobile	SSA Inductive Signature Malfunction
P1715	Oldsmobile	SSB Inductive Signature Malfunction
P1716	Oldsmobile	SSC Inductive Signature Malfunction
P1717	Oldsmobile	SSD Inductive Signature Malfunction
P1718	Oldsmobile	TFT Sensor In Range Failure High
P1720	Oldsmobile	Vehicle Speed (Meter) Circuit Malfunction
P1721	Oldsmobile	Gear 1 Incorrect Ratio
P1722	Oldsmobile	Gear 2 Incorrect Ratio
P1723	Oldsmobile	Gear 3 incorrect Ratio
P1724	Oldsmobile	Gear 4 Incorrect Ratio
P1725	Oldsmobile	Insufficient Engine Speed Increase During Self Test
P1726	Oldsmobile	Insufficient Engine Speed Decrease During Self Test
P1727	Oldsmobile	Coast Clutch Solenoid Inductive Signature Malfunction
P1728	Oldsmobile	Transmission Slip Error
P1729	Oldsmobile	4x4 Low Switch Error
P1731	Oldsmobile	1-2 Shift Malfunction
P1732	Oldsmobile	2-3 Shift Malfunction
P1733	Oldsmobile	3-4 Shift Malfunction
P1740	Oldsmobile	Transmission system problems
P1741	Oldsmobile	Torque Converter Clutch Control Error
P1742	Oldsmobile	Torque Converter Clutch Solenoid Faulty
P1743	Oldsmobile	Torque Converter Clutch Solenoid Faulty
P1744	Oldsmobile	Torque Converter Clutch System Stuck in Off Position
P1745	Oldsmobile	Transmission system problems
P1746	Oldsmobile	Electronic Pressure Control Solenoid A - Open Circuit
P1747	Oldsmobile	Electronic Pressure Control Solenoid A- Short Circuit
P1748	Oldsmobile	EPC Malfunction
P1749	Oldsmobile	Electronic Pressure Control Solenoid Failed Low
P1751	Oldsmobile	Shift Solenoid A Performance
P1754	Oldsmobile	Coast Clutch Solenoid Circuit malfunction
P1756	Oldsmobile	Shift Solenoid B Performance
P1760	Oldsmobile	Transmission system problems
P1761	Oldsmobile	Shift Solenoid C Performance
P1762	Oldsmobile	Overdrive Band Failed Off
P1766	Oldsmobile	Shift Solenoid D Performance
P1767	Oldsmobile	Torque Converter Clutch Circuit Malfunction
P1768	Oldsmobile	Performance / Normal / Winter Mode Input Malfunction
P1770	Oldsmobile	Clutch Solenoid Circuit Malfunction
P1779	Oldsmobile	Transmission Control Indicator Lamp Circuit Malfunction
P1780	Oldsmobile	Transmission Control Switch Circuit is Out of Self-Test Range
P1781	Oldsmobile	4x4 Low Switch is Out of Self-Test Range
P1782	Oldsmobile	P/ES Circuit Out Of Self Test Range
P1783	Oldsmobile	Transmission Over-Temperature Condition
P1784	Oldsmobile	Transmission Mechanical Failure - First And Reverse
P1785	Oldsmobile	Transmission Mechanical Failure - First And Second
P1786	Oldsmobile	3-2 Downshift Error
P1787	Oldsmobile	2-1 Downshift Error
P1788	Oldsmobile	Pressure Control Solenoid "B" Open Circuit
P1789	Oldsmobile	Pressure Control Solenoid "B" Short Circuit
P1795	Oldsmobile	Idle Switch Circuit Malfunction
P1804	Oldsmobile	Transmission 4-Wheel Drive High Indicator Circuit Failure
P1806	Oldsmobile	Transmission 4-Wheel Drive High Indicator Short Circuit To Battery
P1808	Oldsmobile	Transmission 4-Wheel Drive Low Indicator Circuit Failure
P1810	Oldsmobile	TFT Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator Short Circuit To Battery
P1812	Oldsmobile	Transmission 4-Wheel Drive Mode Select Circuit Failure
P1815	Oldsmobile	Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1819	Oldsmobile	Transmission Neutral Safety Switch Short Circuit To Ground
P1820	Oldsmobile	Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1822	Oldsmobile	Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1824	Oldsmobile	Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1826	Oldsmobile	Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery

P1828	Oldsmobile	Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
P1830	Oldsmobile	Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery
P1832	Oldsmobile	Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1834	Oldsmobile	Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
P1838	Oldsmobile	Transmission Transfer Case Shift Motor Circuit Failure
P1846	Oldsmobile	Transmission Transfer Case Contact Plate 'A' Circuit Failure
P1850	Oldsmobile	Transmission Transfer Case Contact Plate 'B' Circuit Failure
P1854	Oldsmobile	Transmission Transfer Case Contact Plate 'C' Circuit Failure
P1858	Oldsmobile	Transmission Transfer Case Contact Plate 'D' Circuit Failure
P1866	Oldsmobile	Transmission Transfer Case System Concern - Servicing Required
P1867	Oldsmobile	Transmission Transfer Case Contact Plate General Circuit Failure
P1876	Oldsmobile	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure
P1877	Oldsmobile	Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery
P1881	Oldsmobile	Engine Coolant Level Switch Circuit Failure, GEM
P1882	Oldsmobile	Engine Coolant Level Switch Circuit Short to Ground
P1883	Oldsmobile	Engine Coolant Level Switch Circuit Failure, GEM
P1884	Oldsmobile	Engine Coolant Level Lamp Circuit Short to Ground
P1891	Oldsmobile	Transmission Transfer Case Contact Plate Ground Return Open Circuit
P1900	Oldsmobile	Output Shaft Speed (OSS) Circuit Intermittent Malfunction
P1901	Oldsmobile	Turbine Shaft Speed (TSS) Circuit Intermittent Malfunction
P1902	Oldsmobile	Kickdown Solenoid Relay Control Circuit
P1903	Oldsmobile	Kickdown Solenoid Circuit Low Voltage
P1904	Oldsmobile	Kickdown Solenoid Circuit High Voltage
P1100	Opel	Mass air flow (MAF) sensor / manifold absolute pressure (MAP) sensor - implausible signal
P1105	Opel	Barometric pressure (BARO) sensor - circuit malfunction
P1110	Opel	Intake manifold air control solenoid 1 - circuit malfunction
P1111	Opel	Intake manifold air control solenoid 2 - circuit malfunction
P1120	Opel	Throttle position (TPS) sensor / manifold absolute pressure (MAP) sensor - implausible signal / Accelerator pedal position
P1122	Opel	Accelerator pedal position (APP) sensor B - circuit malfunction
P1125	Opel	Turbocharger (TC) wastegate regulating valve - circuit malfunction
P1130	Opel	Heated oxygen sensor (HO2S) 1,bank 1 - malfunction
P1170	Opel	Mixture control (MC),bank 1 - malfunction
P1171	Opel	Mixture control (MC),engine under load - mixture lean
P1173	Opel	Engine overheat protection activated - engine temperature above limit
P1180	Opel	Fuel temperature sensor,in injection pump - malfunction
P1195	Opel	Engine oil pressure switch - malfunction
P1201	Opel	Injector needle lift sensor - circuit malfunction
P1220	Opel	Fuel quantity adjustment control - malfunction
P1229	Opel	Engine control relay - voltage high
P1230	Opel	Engine control relay - voltage low
P1231	Opel	Fuel pump relay
P1300	Opel	Fuel tank - empty
P1326	Opel	Knock control,cylinder 1 - control limit reached
P1327	Opel	Knock control,cylinder 2 - control limit reached
P1328	Opel	Knock control,cylinder 3 - control limit reached
P1329	Opel	Knock control,cylinder 4 - control limit reached
P1335	Opel	Fuel injection pump control module - CKP signal missing
P1345	Opel	Injection pump position sensor - malfunction
P1372	Opel	Crankshaft position (CKP) sensor - malfunction
P1404	Opel	Exhaust gas recirculation (EGR) valve - range / performance problem
P1405	Opel	Exhaust gas recirculation (EGR) valve position sensor - malfunction
P1410	Opel	Secondary air injection (AIR) pump relay - circuit malfunction
P1481	Opel	Engine coolant blower motor relay 1 - malfunction
P1482	Opel	Engine coolant blower motor relay 2 - malfunction
P1483	Opel	Engine coolant blower motor relay 3 - malfunction
P1500	Opel	Electronic throttle system (ETS) - circuit malfunction
P1501	Opel	Immobilizer control module - program error
P1502	Opel	Immobilizer control module - no signal
P1503	Opel	Immobilizer control module - incorrect signal
P1508	Opel	Idle air control (IAC) valve - circuit malfunction
P1509	Opel	Idle air control (IAC) valve - circuit malfunction
P1510	Opel	Closed throttle position (CTP) switch - circuit malfunction
P1515	Opel	Idle air control (IAC) valve - circuit malfunction
P1520	Opel	Electronic throttle system (ETS) - supply voltage
P1523	Opel	Electronic throttle system (ETS) - malfunction
P1525	Opel	Electronic throttle system (ETS),limp home position - malfunction
P1526	Opel	Electronic throttle system (ETS),adaptation - malfunction
P1530	Opel	AC cut - off relay - circuit malfunction
P1540	Opel	AC refrigerant pressure sensor - circuit malfunction
P1546	Opel	AC compressor clutch,signal - circuit malfunction
P1550	Opel	Electronic throttle system (ETS) - in emergency mod
P1551	Opel	Electronic throttle system (ETS),engine torque monitoring continuously above limit
P1555	Opel	Throttle position (TP) sensor A / mass air flow (MAF) sensor - implausible signal
P1560	Opel	System voltage,battery - out of limits
P1571	Opel	Brake pedal position (BPP) switch - circuit malfunction
P1572	Opel	Engine control module (ECM) / Immobilizer control module - no Immobilizer signal
P1573	Opel	Engine control module (ECM) / Immobilizer control module - incorrect Immobilizer signal
P1600	Opel	Engine control module (ECM) - program error

P1601	Opel	Module temperature switch,ECM - temperature high
P1602	Opel	Knock control - RAM malfunction
P1604	Opel	Engine control module (ECM) - defective
P1605	Opel	Engine control module (ECM) - coding
P1606	Opel	Engine control module (ECM) - defective
P1610	Opel	Immobilizer control module - program error
P1611	Opel	Immobilizer control module - incorrect security code entered
P1612	Opel	Immobilizer control module - no / incorrect signal
P1613	Opel	Immobilizer control module - no / incorrect signal
P1614	Opel	Immobilizer control module - incorrect signal
P1615	Opel	Immobilizer control module / multifunction control module communication - incorrect code
P1616	Opel	Immobilizer control module / instrumentation control module communication - incorrect code
P1618	Opel	Engine control module (ECM) - malfunction
P1620	Opel	Engine control module (ECM),supply voltage - out of limits
P1621	Opel	Engine control module (ECM) - defective
P1622	Opel	Fuel pump relay
P1625	Opel	Engine control module (ECM) - malfunction
P1631	Opel	Fuel injection pump control module - defective
P1635	Opel	Engine control module (ECM) - defective
P1640	Opel	Engine control module (ECM),MIURPM / fuel consumption signal (s) - circuit malfunction
P1650	Opel	Malfunction indicator lamp (MIL) - circuit malfunction
P1651	Opel	Fuel injection pump control module,CAN data bus - malfunction
P1660	Opel	Fuel shut - off solenoid - circuit malfunction
P1690	Opel	Malfunction indicator lamp (MIL) - circuit malfunction
P1694	Opel	Glow plug warning lamp - circuit malfunction
P1700	Opel	Transmission control module (TCM) - service request signal
P1705	Opel	Park / neutral position (PNP) switch - incorrect signal
P1725	Opel	Injector needle lift sensor - incorrect signal
P1740	Opel	AT torque control,signal - malfunction
P1743	Opel	Torque converter clutch - vibration
P1760	Opel	System voltage,ignition - out of limits
P1780	Opel	Throttle position (TP) sensor,traction control - circuit malfunction
P1781	Opel	CAN data bus,ECM actual torque signal - malfunction detected
P1790	Opel	CAN data bus,ECM/TCM communication - malfunction detected
P1792	Opel	CAN data bus,ECMITCM communication - malfunction detected
P1800	Opel	System voltage,ignition - out of limits
P1813	Opel	AT torque control,signal - malfunction
P1835	Opel	Transmission kick - down switch - circuit malfunction
P1842	Opel	Throttle position (TP) sensor signal out of range
P1843	Opel	Engine coolant temperature (ECT) sensor - signal out of range
P1844	Opel	Engine control module (ECM),torque control - signal out of range
P1845	Opel	Transmission ratio monitor - circuit malfunction / AT torque control,signal - malfunction
P1847	Opel	Transmission control module (TCM),multiplexing - no signal
P1850	Opel	Shift solenoid (SS) 'C',band apply - circuit malfunction
P1860	Opel	Torque converter clutch (TCC) solenoid - circuit malfunction
P1870	Opel	Torque converter clutch (TCC) - inoperative
P1890	Opel	Throttle position (TP) sensor - circuit malfunction / CAN data bus,ECMITCM communication - malfunction detected
P1895	Opel	Engine control module (ECM),actual torque signal - circuit malfunction
P1105	Plymouth	Open Or Shorted Condition Detected In The Baro Read Solenoid Control Circuit
P1192	Plymouth	Inlet Air Temp. Circuit Low
P1193	Plymouth	Inlet Air Temp. Circuit High
P1194	Plymouth	Incorrect Or Irrational Performance Has Been Detected For The PWM
P1195	Plymouth	O2 Sensor 1/1 (Bank 1, Sensor 1) Slow During Catalyst Monitor
P1196	Plymouth	O2 Sensor 2/1 (Bank 2, Sensor 1) Slow During Catalyst Monitor
P1197	Plymouth	O2 Sensor 1/2 (Bank 1, Sensor 2) Slow During Catalyst Monitor
P1198	Plymouth	Radiator Temperature Sensor Voltage Too High
P1199	Plymouth	Radiator Temperature Sensor Voltage Too Low
P1243	Plymouth	Open Or Shorted Condition Detected In The Turbocharger Surge Valve Solenoid Control
P1280	Plymouth	Open Or Shorted Condition Detected In The Fuel System Relay Control Circuit
P1281	Plymouth	Engine Operating Temp Below Acceptable Range
P1282	Plymouth	Fuel Pump Relay Control Circuit Open Or Shorted
P1283	Plymouth	Idle Select Signal Invalid
P1284	Plymouth	Fuel Injection Pump Battery Voltage Out Of Range
P1285	Plymouth	Fuel Injection Pump Controller Always On
P1286	Plymouth	Accelerator Pedal Position Sensor Supply Voltage Too High
P1287	Plymouth	Fuel Injection Pump Controller Supply Voltage Low
P1288	Plymouth	Intake Manifold Short Runner Solenoid Circuit Open Or Shorted
P1289	Plymouth	Manifold Tune Valve Solenoid Circuit Open Or Shorted
P1290	Plymouth	CNG Fuel Pressure Too High
P1291	Plymouth	No Temp Rise Seen From Fuel Heaters
P1292	Plymouth	CNG Pressure Sensor Voltage Too High
P1293	Plymouth	CNG Pressure Sensor Voltage Too Low
P1294	Plymouth	Target Idle Not Reached
P1295	Plymouth	Loss Of 5 Volts To TP Sensor
P1296	Plymouth	Loss Of 5 Volts To MAP Sensor
P1297	Plymouth	No Change In MAP From Start To Run
P1298	Plymouth	Lean Operation At Wide Open Throttle
P1299	Plymouth	Vacuum Leak Found (IAC Fully Seated)

P1388	Plymouth	Auto Shutdown (ASD) Relay Control Circuit Open Or Shorted
P1389	Plymouth	No Auto Shutdown (ASD) Relay Output Voltage At PCM
P1390	Plymouth	Timing Belt Skipped One Tooth Or More
P1391	Plymouth	Intermittent Loss of CMP Or CKP
P1398	Plymouth	PCM Is Unable To Learn The Crankshaft Position Sensor's Signal
P1399	Plymouth	Wait To Start Lamp Circuit Open Or Shorted
P1403	Plymouth	Loss Of 5 Volts To EGR Sensor
P1475	Plymouth	Auxiliary 5 Volt Output Too High
P1476	Plymouth	Too Little Secondary Air
P1477	Plymouth	Too Much Secondary Air
P1478	Plymouth	Battery Temp Sensor Voltage Out Of Limit
P1479	Plymouth	Transmission Fan Relay Circuit Open Or Shorted
P1480	Plymouth	Open Or Shorted Condition Detected In The Positive Crankcase Ventilation (PCV)
P1481	Plymouth	EATX RPM pulse generator signal for misfire detection
P1482	Plymouth	Catalyst Temperature Sensor Circuit Shorted Low
P1483	Plymouth	Catalyst Temperature Sensor Circuit Shorted High
P1484	Plymouth	Catalytic Converter Overheat Detected
P1485	Plymouth	Air Injection Solenoid Circuit Open Or Shorted
P1486	Plymouth	Evap Leak Monitor Pinched Hose
P1487	Plymouth	Hi Speed Rad Fan CTRL Relay Circuit Open Or Shorted
P1488	Plymouth	Auxiliary 5 Volt Supply Output Too Low
P1489	Plymouth	High Speed Fan CTRL Relay Circuit Open Or Shorted
P1490	Plymouth	Low Speed Fan CTRL Relay Circuit Open Or Shorted
P1491	Plymouth	Radiator Fan Control Relay Circuit Open Or Shorted
P1492	Plymouth	Battery Temperature Sensor Voltage Too High
P1493	Plymouth	Battery Temperature Sensor Voltage Too Low
P1494	Plymouth	Leak Detection Pump Switch or Mechanical Fault
P1495	Plymouth	Leak Detection Pump Solenoid Circuit Open Or Shorted
P1496	Plymouth	5 Volt Supply Output Too Low
P1498	Plymouth	High speed Rad Fan Ground CTRL Rly Circuit
P1499	Plymouth	Open Or Shorted Condition Detected In The Hydraulic Cooling Fan Solenoid Control
P1594	Plymouth	Charging System Voltage Too High
P1595	Plymouth	Speed Control Solenoid Circuit Open Or Shorted
P1596	Plymouth	Speed Control Switch Always High
P1597	Plymouth	Speed Control Switch Always Low
P1598	Plymouth	A/C Pressure Sensor Voltage Too High
P1599	Plymouth	A/C Pressure Sensor Voltage Too Low
P1602	Plymouth	PCM Not Programmed
P1680	Plymouth	Clutch Released Switch Circuit Open Or Shorted
P1681	Plymouth	No Instrument Panel Cluster CCD/J1850 Messages Received
P1682	Plymouth	Charging System Voltage Too Low
P1683	Plymouth	Speed Control Power Relay Or Speed Control 12 Volt Driver Circuit Open Or Shorted
P1684	Plymouth	Battery Disconnected Within Last 50 Starts
P1685	Plymouth	Skim Invalid Key
P1686	Plymouth	No SKIM Bus Message Received
P1687	Plymouth	No Cluster Bus Message
P1688	Plymouth	Internal Fuel Injection Pump Controller Failure
P1689	Plymouth	No Communication Between ECM & Injection Pump Module
P1690	Plymouth	Fuel Injection Pump CKP Sensor Does Not Agree With ECM CKP Sensor
P1691	Plymouth	Fuel Injection Pump Controller Calibration Failure
P1693	Plymouth	DTC Detected In ECM Or PCM
P1694	Plymouth	No CCD Messages Received From ECM
P1695	Plymouth	No CCD/J1850 Message From BCM
P1696	Plymouth	PCM Failure EEPROM Write Denied
P1697	Plymouth	PCM Failure SRI Mile Not Stored
P1698	Plymouth	No CCD Messages Received From PCM
P1699	Plymouth	No CCD/J1850 Messages Received From The Climate Control Module (CCM)
P1719	Plymouth	Skip Shift Solenoid Circuit Open Or Shorted
P1740	Plymouth	TCC Or OD Solenoid Performance
P1756	Plymouth	Governor Pressure Not Equal To Target At 15?20 PSI
P1757	Plymouth	Governor Pressure Above 3 PSI When Request Is 0 PSI
P1762	Plymouth	Governor Pressure Sensor Offset Improper Voltage
P1763	Plymouth	Governor Pressure Sensor Voltage Too High
P1764	Plymouth	Governor Pressure Sensor Voltage Too Low
P1765	Plymouth	Trans 12 Volt Supply Relay Control Circuit Open Or Shorted
P1830	Plymouth	Open Or Shorted Condition Detected In The Clutch Pedal Switch Over-Ride Relay Control
P1899	Plymouth	Park/Neutral Position Switch Stuck In Park or In Gear
P1102	Porsche	Oxygen Sensor Heating
P1105	Porsche	Oxygen Sensor Heating
P1107	Porsche	Oxygen Sensor Heating
P1110	Porsche	Oxygen Sensor Heating
P1115	Porsche	Oxygen Sensor Heating
P1117	Porsche	Oxygen Sensor Heating
P1119	Porsche	Oxygen Sensor Heating
P1121	Porsche	Oxygen Sensor Heating
P1123	Porsche	Oxygen Sensor Heating
P1124	Porsche	Oxygen Sensing
P1125	Porsche	Oxygen Sensing

P1126	Porsche	Oxygen Sensing
P1127	Porsche	Oxygen Sensing
P1128	Porsche	Oxygen Sensing
P1129	Porsche	Oxygen Sensing
P1130	Porsche	Oxygen Sensing
P1136	Porsche	Oxygen Sensing
P1137	Porsche	Oxygen Sensing
P1138	Porsche	Oxygen Sensing
P1139	Porsche	Oxygen Sensing
P1140	Porsche	Load Signal
P1157	Porsche	Engine Compartment Temperature
P1158	Porsche	Engine Compartment Temperature
P1213	Porsche	Fuel Injector Cylinder 1
P1214	Porsche	Fuel Injector Cylinder 2
P1215	Porsche	Fuel Injector Cylinder 3
P1216	Porsche	Fuel Injector Cylinder 4
P1217	Porsche	Fuel Injector Cylinder 5
P1218	Porsche	Fuel Injector Cylinder 6
P1225	Porsche	Fuel Injector Cylinder 1
P1226	Porsche	Fuel Injector Cylinder 2
P1227	Porsche	Fuel Injector Cylinder 3
P1228	Porsche	Fuel Injector Cylinder 4
P1229	Porsche	Fuel Injector Cylinder 5
P1230	Porsche	Fuel Injector Cylinder 6
P1237	Porsche	Fuel Injector Cylinder 1
P1238	Porsche	Fuel Injector Cylinder 2
P1239	Porsche	Fuel Injector Cylinder 3
P1240	Porsche	Fuel Injector Cylinder 4
P1241	Porsche	Fuel Injector Cylinder 5
P1242	Porsche	Fuel Injector Cylinder 6
P1265	Porsche	Airbag Signal
P1275	Porsche	Oxygen Sensor Aging Ahead of Three Way Catalytic Converter
P1276	Porsche	Oxygen Sensor Aging Ahead of Three Way Catalytic Converter
P1313	Porsche	Misfire Cylinder 1 Emission Related
P1314	Porsche	Misfire Cylinder 2 Emission Related
P1315	Porsche	Misfire Cylinder 3 Emission Related
P1316	Porsche	Misfire Cylinder 4 Emission Related
P1317	Porsche	Misfire Cylinder 5 Emission Related
P1318	Porsche	Misfire Cylinder 6 Emission Related
P1319	Porsche	Misfire Emission Related
P1324	Porsche	Timing Chain out of Position Bank 2
P1340	Porsche	Timing Chain out of Position Bank 1
P1384	Porsche	Knock Sensor 1
P1385	Porsche	Knock Sensor 2
P1386	Porsche	Knock Control Test Pulse
P1397	Porsche	Camshaft Position Sensor 2
P1411	Porsche	Secondary Air Injection System
P1455	Porsche	A/C Compressor Control
P1456	Porsche	A/C Compressor Control
P1457	Porsche	A/C Compressor Control
P1458	Porsche	A/C Compressor Signal
P1501	Porsche	Fuel Pump Relay End-Stage
P1502	Porsche	Fuel Pump Relay End-Stage
P1510	Porsche	Idle Air Control Valve
P1513	Porsche	Idle Air Control Valve
P1514	Porsche	Idle Control Valve
P1515	Porsche	Intake Manifold Resonance Flap
P1516	Porsche	Intake Manifold Resonance Flap
P1524	Porsche	Camshaft Adjustment Bank 2
P1530	Porsche	Camshaft Adjustment Bank 1
P1531	Porsche	Camshaft Adjustment Bank 1
P1539	Porsche	Camshaft Adjustment Bank 2
P1541	Porsche	Fuel Pump Relay End-Stage
P1551	Porsche	Idle Air Control Valve
P1552	Porsche	Idle Air Control Valve
P1553	Porsche	Idle Air Control Valve
P1555	Porsche	Charge Pressure Characteristics
P1556	Porsche	Charge Deviations
P1557	Porsche	Charge Deviations
P1570	Porsche	Immobilizer
P1571	Porsche	Immobilizer
P1585	Porsche	Misfire With Empty Fuel Tank
P1593	Porsche	Intake Manifold Length Tuning 2
P1594	Porsche	Intake Manifold Length Tuning 2
P1595	Porsche	Intake Manifold Length Tuning 2
P1600	Porsche	Voltage Supply
P1601	Porsche	Voltage Supply
P1602	Porsche	Voltage Supply

P1610	Porsche	MIL Activated Externally
P1611	Porsche	MIL Activated Externally
P1614	Porsche	MIL Activated Externally
P1640	Porsche	Engine Control Module
P1656	Porsche	Coolant Shutoff Valve
P1671	Porsche	Engine Compartment Purge Fan End-Stage
P1673	Porsche	Fan End-Stage
P1689	Porsche	Engine Control Module
P1691	Porsche	Malfunction Indicator Lamp
P1692	Porsche	Malfunction Indicator Lamp
P1693	Porsche	Malfunction Indicator Lamp
P1704	Porsche	Kickdown Switch
P1710	Porsche	Speed Signal Right Front
P1715	Porsche	Speed Signal Left Front
P1744	Porsche	Manual Program Switch
P1746	Porsche	Control Unit Detective (Relay)
P1748	Porsche	Control unit defective (Relay sticks)
P1749	Porsche	Version coding
P1750	Porsche	Voltage Supply Solenoid Valve Pressure Regulators 1
P1761	Porsche	Shiftlock P/N
P1762	Porsche	Shiftlock P/N
P1764	Porsche	Instrument cluster triggering
P1765	Porsche	Throttle-valve information error
P1770	Porsche	Load signal from ECM
P1782	Porsche	Engine Engagement
P1813	Porsche	Pressure regulator 1
P1818	Porsche	Pressure regulator 2
P1823	Porsche	Pressure regulator 3
P1828	Porsche	Pressure regulator 4
P1001	Saab	EVAP Purge Valve, Output From Control Module Low
P1002	Saab	EVAP Purge Valve, Output From Control Module High
P1011	Saab	Injector Cyl. No 1 Shorting To Ground
P1012	Saab	Injector Cyl. No 1 Shorting To Battery +
P1021	Saab	Injector Cyl. No 2 Shorting To Ground
P1022	Saab	Injector Cyl. No 2 Shorting To Battery +
P1032	Saab	Injector Cyl. No 3 Shorting To Battery +
P1041	Saab	Injector Cyl. No 4 Shorting To Ground
P1042	Saab	Injector Cyl. No 4 Shorting To Battery +
P1051	Saab	Injector Cyl. No 5 Shorting To Ground
P1052	Saab	Injector Cyl. No 5 Shorting To Ground
P1102	Saab	Front HO2S Bank 1, Control Module Input, Current in Pre-Heating Circuit Too High
P1105	Saab	Rear HO2S Bank 1, Control Module Input, Current in Pre-Heating Circuit Too High
P1106	Saab	Charge Air Absolute Pressure Sensor Circuit. Performance Problem
P1107	Saab	Charge Air Absolute Pressure Sensor Circuit Short To Ground/Open
P1108	Saab	Charge Air Absolute Pressure Sensor Circuit Short To B+
P1110	Saab	Charge Air Bypass Valve. Performance Problems
P1115	Saab	Front HO2S Bank 1, Control Module Input, Current in Pre-Heating Circuit Too Low
P1117	Saab	Rear HO2S Bank 1, Control Module Input, Current in Pre-Heating Circuit Too Low
P1123	Saab	Additive Adaptation, Bank 1, Min. Value
P1124	Saab	Additive Adaptation, Bank 1, Max. Value
P1125	Saab	Additive Adaptation, Bank 2, Min. Value
P1126	Saab	Additive Adaptation, Bank 2, Max. Value
P1127	Saab	Multiplicative Adaptation, Bank 1 Min. Value
P1128	Saab	Multiplicative Adaptation, Bank 1 Max. Value
P1129	Saab	Multiplicative Adaptation, Bank 2 Min. Value
P1130	Saab	Multiplicative Adaptation, Bank 2 Max. Value
P1131	Saab	O2S. Switch point - lean. Sensor 1
P1132	Saab	O2S. Switch point - rich. Sensor 1
P1133	Saab	O2S Circuit. Low Voltage. Sensor 1.
P1136	Saab	O2S Heater Circuit Current Too High Sensor 1
P1137	Saab	Additive Adaptation Bank 1 Max Value Air/Fuel Mixture Too Lean
P1138	Saab	Additive Adaptation Bank 2 Min Value Air/Fuel Mixture Too Rich
P1139	Saab	Additive Adaptation Bank 2 Max Value Air/Fuel Mixture Too Lean
P1140	Saab	MAF Or TP Sensor Malfunction
P1141	Saab	O2S Heater Circuit. Current too Low, Sensor 2.
P1142	Saab	O2S Heater Circuit. Current too High, Sensor 2.
P1170	Saab	Closed Loop, Malfunction
P1171	Saab	Closed Loop, Lean Mixture
P1172	Saab	Closed Loop, Rich Mixture
P1173	Saab	Mass Air Flow Sensor, Idle Adaptation Toward Rich
P1181	Saab	Long Term Fuel Trim Additive Max Value Air / Fuel Too Lean
P1182	Saab	Long Term Fuel Trim Additive Max Value Air / Fuel Too Rich
P1202	Saab	Injector Cyl. 2 Control Module Output Short to B+
P1203	Saab	Injector Cyl. 3 Control Module Output Short to B+
P1204	Saab	Injector Cyl. 4 Control Module Output Short to B+
P1205	Saab	Injector Cyl. 5 Control Module Output Short to B+
P1206	Saab	AIR Pump Relay, Output From Control Module Low
P1207	Saab	AIR Pump Relay, Output From Control Module High

P1211	Saab	IAC, Output From Control Module Low
P1212	Saab	IAC, Output From Control Module High
P1213	Saab	Injector Cyl. 1, Control Module Output, Short To B+
P1214	Saab	Injector Cyl. 2, Control Module Output, Short To B+
P1215	Saab	Injector Cyl. 3, Control Module Output, Short To B+
P1216	Saab	Injector Cyl. 4, Control Module Output, Short To B+
P1217	Saab	Injector Cyl. 5, Control Module Output, Short To B+
P1218	Saab	Injector Cyl. 6, Control Module Output, Short To B+
P1225	Saab	Injector Cyl. 1, Control Module Output, Short To Ground
P1226	Saab	Injector Cyl. 2, Control Module Output, Short To Ground
P1227	Saab	Injector Cyl. 3, Control Module Output, Short To Ground
P1228	Saab	Injector Cyl. 4, Control Module Output, Short To Ground
P1229	Saab	Injector Cyl. 5, Control Module Output, Short To Ground
P1230	Saab	Injector Cyl. 6, Control Module Output, Short To Ground
P1237	Saab	Intake Manifold Valve Outer Flap, Module Output Low, Open Or Short To Battery +
P1238	Saab	Injector Circuit Cyl. 2 Open Or Short To Ground
P1239	Saab	Injector Circuit Cyl. 3 Open Or Short To Ground
P1240	Saab	Throttle Motor Circuit Shorted
P1241	Saab	Injector Circuit Cyl. 5 Open Or Short To Ground
P1242	Saab	Injector Circuit Cyl. 6 Open Or Short To Ground
P1246	Saab	Intake Manifold Valve Inner Flap, Module Output Low, Open Or Short To Ground
P1247	Saab	Intake Manifold Valve Inner Flap, Module Output Low, Open Or Short To Battery +
P1251	Saab	Check Engine Lamp, Output From Control Module Low
P1252	Saab	Check Engine Lamp, Output From Control Module High
P1253	Saab	Throttle Motor Full PWM In Open Direction During Cranking
P1260	Saab	Throttle Return Spring Too Low Force
P1261	Saab	Throttle Binding
P1263	Saab	Throttle Moved Manually When Engine Was Running
P1264	Saab	Throttle Open When Pedal is Released
P1286	Saab	Control Module, Electronic Circuit For Processing Knock Sensor Signals, Fault
P1300	Saab	Torque Limitation Signal Low
P1301	Saab	Torque Limitation Signal, Long Duration
P1302	Saab	Cylinder 2 Misfire Detected. Catalyst Damaging.
P1303	Saab	Cylinder 3 Misfire Detected. Catalyst Damaging.
P1304	Saab	Cylinder 4 Misfire Detected. Catalyst Damaging.
P1310	Saab	Ignition Discharge Module Not Powered Bank 1
P1312	Saab	O2S. Switch point - rich. Sensor 1
P1322	Saab	Engine RPM Signal Faulty
P1334	Saab	Combustion Detection Cyl. 3 + 4. Open Circuit / Short to B+.
P1390	Saab	Random Misfire Detected. Catalyst Damaging. Fuel Level Low.
P1392	Saab	Cylinder 2 Misfire Detected. Catalyst Damaging. Fuel Level Low.
P1393	Saab	Cylinder 3 Misfire Detected. Catalyst Damaging. Fuel Level Low.
P1394	Saab	Cylinder 4 Misfire Detected. Catalyst Damaging. Fuel Level Low.
P1396	Saab	Crankshaft Position Sensor Malfunctioning, Slotted Ring Has Too Many Ribs
P1410	Saab	EVAP Canister Purge Valve, Control Module Output Short To B+
P1425	Saab	EVAP Canister Purge Valve, Control Module Output, Short To Ground
P1426	Saab	EVAP Canister Purge Valve, Control Module Output, Open Circuit
P1441	Saab	EVAP Purge valve. Malfunction and malfunctional fuel level sensor.
P1442	Saab	EVAP Small Leakage in Syster and malfunctional fuel level sensor.
P1444	Saab	Canister Close Valve Circuit. Open / short to Ground.
P1445	Saab	Canister Close Valve Circuit. Short to B+ .
P1450	Saab	A/C Relay, Control Module Output Low, Open Or Short To Ground
P1451	Saab	A/C Relay, Control Module Output Low, Open Or Short To Battery +
P1452	Saab	EVAP Tank Pressure Sensor. Value too low when Depressurized.
P1453	Saab	EVAP Tank Pressure Sensor. Value too low when Depressurized.
P1455	Saab	EVAP Tank Pressure Sensor. Serious Leakage in system and malfunctional fuel level sensor.
P1456	Saab	Tank purging, leak in system.
P1460	Saab	Immobilizer Active
P1491	Saab	EVAP Tank Pressure Sensor. Performance Problem and malfunctional fuel level sensor.
P1492	Saab	EVAP Tank Pressure Sens. Value too low when Depressurised and malfunctional fuel level sen
P1493	Saab	EVAP Tank Pressure Sens. Value too high when Depressurised and malfunctional fuel level se
P1500	Saab	Battery Voltage Fault
P1501	Saab	Fuel Pump Relay Short To Ground
P1502	Saab	Fuel Pump Relay Short To B+
P1510	Saab	Idle Air Control Valve, Open Function, Control Module Output, Short To B+
P1513	Saab	Idle Air Control Valve, Open Function, Control Module Output, Short To Ground
P1514	Saab	Idle Air Control Valve, Open Function, Control Module Output, Open Circuit
P1530	Saab	Pedal Position Sensor 1 & 2 Circuit Sum Out Of Range
P1531	Saab	Pedal Position Sensor 1 & 2 Circuit Adapted Sum Out Of Range
P1532	Saab	Pedal Position Sensor 1 & 2 Circuit Control Module Inputs Shorted To Each Other
P1541	Saab	Fuel Pump Relay Open Circuit
P1549	Saab	Boost Pressure Control, Malfunction
P1551	Saab	Idle Air Control Valve, Close Function, Control Module Output, Open Circuit
P1552	Saab	Idle Air Control Valve, Close Function, Control Module Output, Short To Ground
P1553	Saab	Idle Air Control Valve, Close Function, Control Module Output, Short To B+
P1560	Saab	TCS, Test Signal Low
P1561	Saab	TCS, Test Signal High
P1576	Saab	Brake Light Switch, Shorting To B+

P1577	Saab	Brake Light Switch, Open Circuit
P1585	Saab	Fuel Level Less Than 10 Litres
P1601	Saab	Internal Control Module Malfunction
P1602	Saab	Fuel Pump Relay, Output Form Control Module Low
P1603	Saab	Internal Control Module Malfunction
P1604	Saab	Internal Control Module Malfunction
P1605	Saab	Internal Control Module Malfunction
P1606	Saab	Internal Control Module Malfunction
P1607	Saab	Internal Control Module Malfunction
P1608	Saab	Internal Control Module Malfunction
P1609	Saab	Internal Control Module Malfunction
P1610	Saab	Check Engine Lamp Open Circuit / Internal Control Module Malfunction
P1611	Saab	Check Engine Request, Short To Ground / Internal Module Malfunction
P1613	Saab	Internal Control Module Malfunction
P1614	Saab	Internal Control Module Malfunction
P1616	Saab	Rough Road Sensor Short To Ground
P1617	Saab	Rough Road Sensor Open Circuit or Short To B+
P1621	Saab	Internal Control Module Malfunction
P1622	Saab	A/C Relay, Output Form Control Module High
P1623	Saab	No Bus Data From TCM. See Fuel Tracing 3:5 Bus and Diagnostic Communication.
P1624	Saab	Automatic Transmission Has Stored Emission Related Fault
P1625	Saab	No Bus data From TC / ABS. See Fault Tracing 3:5 Bus and Diagnostic Communication.
P1628	Saab	A/C Relay, Output Form Control Module Low
P1630	Saab	A/C Relay, Output Form Control Module High
P1631	Saab	A/C Relay, Output Form Control Module Low
P1632	Saab	Internal Control Module Malfunction
P1633	Saab	Internal Control Module Malfunction
P1640	Saab	Main Relay Circuit No Voltage To Control Module Pin 1
P1641	Saab	Fuel Pump Relay. No Voltage to fuel Pump and O2S Preheating.
P1651	Saab	RAM Fault
P1652	Saab	ROM Fault
P1653	Saab	Main Relay Coil Circuit Short To B+
P1654	Saab	Fuel Pup Relay Coil Circuit Open / Short To Ground
P1655	Saab	Fuel Pump Relay Coil Circuit Short To B+
P1656	Saab	A /C Relay Coil Circuit. Open / Short to Ground.
P1657	Saab	A/C Relay Coil Circuit Short To B+
P1658	Saab	Charge Air Bypass Valve Circuit Open / Short To Ground
P1659	Saab	Charge Air Bypass Valve Circuit Short To B+
P1660	Saab	Control Module Pins NOT Used Are Connected To B+
P1662	Saab	Charge Air Bypass Valve Circuit Open / Short To Ground
P1663	Saab	Charge Air Bypass Valve Circuit Short To B+
P1664	Saab	Shift Up Output Signal From Control Module Malfunction
P1665	Saab	Intermittent Fault Which Cannot Be Identified By Any Other Specific DTC
P1669	Saab	TCS Active, Input Signal From Module, Open Circuit Or Short to B+ or Ground
P1670	Saab	Throttle Limp-Home Relay Coil circuit Open / Short To Ground
P1671	Saab	Throttle Limp-Home Relay Coil Circuit Short To B+
P1675	Saab	Intermittent Fault Which Cannot Be Identified By Any Other Specific DTC
P1676	Saab	Injector Circuit Open / Short To Ground Or B+
P1680	Saab	Secondary Air Injection Relay Open Or Short Circuit
P1691	Saab	Check Engine Light Open Circuit
P1692	Saab	Check Engine Light Short To Ground
P1693	Saab	Check Engine Light Short To B+
P1901	Saab	No Bus Data From DICE
P1908	Saab	No Bus Data From MIU
P1923	Saab	No Bus Data From TCM
P1106	Saturn	MAP Sensor Circuit Voltage Out Of Range, High
P1107	Saturn	MAP Sensor Circuit Voltage Out Of Range, Low
P1111	Saturn	IAT Sensor Circuit Temperature Out Of Range, Low
P1112	Saturn	IAT Sensor Circuit Temperature Out Of Range, High
P1114	Saturn	ECT Sensor Circuit Temperature Out Of Range High
P1115	Saturn	ECT Sensor Circuit Temperature Out Of Range LOW
P1121	Saturn	Throttle Position Sensor Circuit Voltage Out Of Range, High
P1122	Saturn	Throttle Position Sensor Circuit Voltage Out Of Range, Low
P1133	Saturn	O2 Sensor Too Few Switches
P1134	Saturn	O2S Rich-Lean & Lean-Rich Ration Error
P1136	Saturn	CKP System Variation Not Learned
P1137	Saturn	O2S System Monitor Lean Or Low Voltage
P1138	Saturn	O2S System Monitor Rich Or High Voltage
P1171	Saturn	Fuel System Lean During Acceleration
P1215	Saturn	Generic Field Driver Detected A Fault
P1245	Saturn	Intake Plenum Switchover Valve
P1336	Saturn	Crankshaft Notch Adaptive Not Learned
P1351	Saturn	IC Circuits 1 & 4 malfunction Or Shorted (1995-97)
P1380	Saturn	ABS Circuits Faults (1998-99)
P1403	Saturn	EGR Solenoid Control Circuit Low Voltage
P1404	Saturn	EGR Closed Position Error (1997)
P1406	Saturn	EGR Pintle Position Error
P1418	Saturn	Secondary AIR System Relay Control Circuit High

P1441	Saturn	EVAP Canister Purge Valve Leak
P1480	Saturn	Cooling Fan Relay Control Circuit High
P1508	Saturn	IAC Stuck Closed / Open
P1509	Saturn	IAC Stuck Open
P1510	Saturn	Throttle Control System
P1511	Saturn	Throttle Control System
P1516	Saturn	Command V Actual Throttle Position Correlation Error
P1519	Saturn	Throttle Actual Control Module
P1523	Saturn	Throttle Return Performance
P1526	Saturn	TP Sensor Learn Not Done After Reprogramming
P1530	Saturn	Throttle Control System
P1555	Saturn	EVO Circuit Fault
P1580	Saturn	Speed Control Move Circuit Voltage Low
P1581	Saturn	Speed Control Move Circuit Voltage High
P1582	Saturn	Speed Control Direction Circuit Voltage Low
P1583	Saturn	Speed Control Direction Circuit Voltage High
P1584	Saturn	Speed Control Disabled
P1587	Saturn	Speed Control Clutch Control Circuit Low
P1588	Saturn	Speed Control Clutch Control Circuit High
P1599	Saturn	Engine Stall Detected
P1601	Saturn	PCM / Serial Data Error
P1602	Saturn	ABS Message Fault
P1620	Saturn	Coolant Level Low
P1621	Saturn	PCM / Memory Data / Serial Data Error
P1623	Saturn	Transaxle Temperature Sensor Pull-Up Resistor Fault
P1624	Saturn	Customer Snap-Shot Data Available
P1625	Saturn	PCM Checksum Transaxle Memory Error
P1626	Saturn	Loss Of Communication With VTD
P1627	Saturn	PCM/EC A/D Fault
P1628	Saturn	PCM ECT Pull Up Resistor Fault
P1630	Saturn	Theft Deterrent System PCM in Learn Mode
P1631	Saturn	Theft Deterrent System Password Incorrect
P1632	Saturn	Theft Deterrent System Fuel Disabled
P1635	Saturn	Five Volt Reference Error Circuits High Or Low (1997-2000)
P1637	Saturn	Alternator L Circuit Low Input
P1639	Saturn	A/D Failure TCM DTC (1996) TCM A/D Signal Fault (1997-98)
P1640	Saturn	Low Coolant/Hot/ATF Temperature Lamp Circuit Fault
P1641	Saturn	Quad Drive A Quick Set Detected A Fault
P1650	Saturn	Cooling Fan Relay Circuit Fault
P1651	Saturn	Quad Driver Module B Quick Set Detected A Fault
P1660	Saturn	TCM GFD Fault
P1669	Saturn	ABS Unit Expected P1780 MIL
P1670	Saturn	Quad Driver Module C Fault
P1671	Saturn	Quad Driver Module C Fault
P1691	Saturn	Coolant Gauge Circuit Fault
P1693	Saturn	Tachometer Circuit Fault
P1694	Saturn	Speedometer / Odometer Circuit
P1695	Saturn	RKE Circuit Low (1997-99)
P1780	Saturn	MIL
P1845	Saturn	Torque Limit Management
P1100	Scion	BARO Sensor Circuit.
P1120	Scion	Accelerator Pedal Position Sensor Circuit.
P1121	Scion	Accelerator Pedal Position Sensor Range/Performance Problem.
P1125	Scion	Throttle Control Motor Circuit.
P1126	Scion	Magnetic Clutch Circuit.
P1127	Scion	ETCS Actuator Power Source Circuit.
P1128	Scion	Throttle Control Motor Lock.
P1129	Scion	Electric Throttle Control System.
P1130	Scion	Air/Fuel Sensor Circuit Range/Performance. (Bank 1 Sensor 1)
P1133	Scion	Air/Fuel Sensor Circuit Response. (Bank 1 Sensor 1)
P1135	Scion	Air/Fuel Sensor Heater Circuit Response. (Bank 1 Sensor 1)
P1150	Scion	Air/Fuel Sensor Circuit Range/Performance. (Bank 1 Sensor 2)
P1153	Scion	Air/Fuel Sensor Circuit Response. (Bank 1 Sensor 2)
P1155	Scion	Air/Fuel Sensor Heater Circuit. (Bank 1 Sensor 2)
P1200	Scion	Fuel Pump Relay Circuit.
P1300	Scion	Igniter Circuit Malfunction - No. 1.
P1310	Scion	Igniter Circuit Malfunction - No. 2.
P1335	Scion	No Crankshaft Position Sensor Signal - Engine Running.
P1349	Scion	VVT System.
P1400	Scion	Sub-Throttle Position Sensor.
P1401	Scion	Sub-Throttle Position Sensor Range/Performance Problem.
P1405	Scion	Turbo Pressure Sensor Circuit.
P1406	Scion	Turbo Pressure Sensor Range/Performance Problem.
P1410	Scion	EGR Valve Position Sensor Circuit Malfunction.
P1411	Scion	EGR Valve Position Sensor Circuit Range/Performance.
P1500	Scion	Starter Signal Circuit.
P1510	Scion	Boost Pressure Control Circuit.
P1511	Scion	Boost Pressure Low.

P1512	Scion	Boost Pressure High.
P1520	Scion	Stop Lamp Switch Signal Malfunction.
P1565	Scion	Cruise Control Main Switch Circuit.
P1600	Scion	ECM BATT Malfunction
P1605	Scion	Knock Control CPU.
P1630	Scion	Traction Control System.
P1633	Scion	ECM.
P1652	Scion	Idle Air Control Valve Control Circuit.
P1656	Scion	OCV Circuit.
P1658	Scion	Wastegate Valve Control Circuit.
P1661	Scion	EGR Circuit.
P1662	Scion	EGR by-pass Valve Control Circuit.
P1780	Scion	Park/Neutral Position Switch Malfunction (Only For A/T)
P1250	Suzuki	EFE Heater Circuit Fault
P1408	Suzuki	Manifold Differential Pressure Sensor Circuit Fault
P1410	Suzuki	Fuel Tank Pressure Control Solenoid Circuit Fault
P1450	Suzuki	Barometric Pressure Sensor Too Low Or Too High
P1451	Suzuki	Barometric Pressure Sensor Performance
P1460	Suzuki	Radiator Fan Control System Fault
P1500	Suzuki	Engine Starter Signal Circuit Fault
P1510	Suzuki	PCM Backup Power Supply Circuit Fault
P1530	Suzuki	Ignition Timing Adjustment Switch Circuit Fault
P1600	Suzuki	PCM/TCM Serial Communication Circuit Fault
P1700	Suzuki	TCM Throttle Position Sensor Circuit Fault
P1705	Suzuki	TCM ECT Sensor Circuit Fault
P1710	Suzuki	Back-Up Signal For Speed Sensor Circuit Malfunction
P1715	Suzuki	PNP Switch Circuit Fault
P1717	Suzuki	AT Drive Range Signal Circuit Fault
P1875	Suzuki	4WD Low Switch Circuit Malfunction
P1895	Suzuki	TCM To ECM Torque Reduction Circuit Malfunction
B0100	Toyota	Short In D Squib Circuit / 13
B0101	Toyota	Open in Driver-Side Air Bag Module Squib Circuit /14
B0102	Toyota	Short in D Squib Circuit (to Ground) / 11
B0103	Toyota	Short in D Squib Circuit (to B+) / 12
B0105	Toyota	Short in P Side Air Bag Squib Circuit / 53
B0106	Toyota	Open In P Side Air Bag Squib Circuit / 54
B0107	Toyota	Short In P Side Air Bag Squib Circuit (to Ground) / 51
B0108	Toyota	Short In P Side Air Bag Squib Circuit (to B+) / 52
B0110	Toyota	Short In Side Squib (RH) Circuit / 43
B0111	Toyota	Cab Side Airbag Circuit (Range/Performance) Malfunction (AV.?99)
B0112	Toyota	Short In Side Air Bag Module Squib (RH) Circuit (to Ground) / 41
B0113	Toyota	Short In Side Squib (RH) Circuit (to B+) / 42
B0115	Toyota	Short in Side Air Bag Module Squib (LH) Circuit / 47
B0116	Toyota	Open In Side Air Bag Module Squib (LH) Circuit / 48
B0117	Toyota	Short In Side Squib (LH) Circuit (to Ground) / 45
B0118	Toyota	Short In Side Air Bag Module Squib (LH) Circuit (to B+) / 46
B0121	Toyota	Seat Belt Buckle Swith, RH malfunction / 26
B0122	Toyota	Seat Belt Buckle Swith, RH malfunction / 26
B0126	Toyota	Seat Belt Buckle Swith, LH malfunction / 27
B0127	Toyota	Seat Belt Buckle Swith, LH malfunction / 27
B0130	Toyota	Short in P-Side Seat Belt Pretensioner Squib (RH) Circuit / 63
B0131	Toyota	Open in P-Side Seat Belt Pretensioner Squib (RH) Circuit / 64
B0132	Toyota	Short in P-Side Seat Belt Pretensioner Squib (RH) Circuit (to Ground) / 61
B0133	Toyota	Short in P-Side Seat Belt Pretensioner Squib (RH) Circuit (to B+) / 62
B0135	Toyota	Short in D-Side Seat Belt Pretensioner Squib (LH) Circuit / 73
B0136	Toyota	Open in D-Side Seat Belt Pretensioner Squib (LH) Circuit / 74
B0137	Toyota	Short in D-Side Seat Belt Pretensioner Squib (LH) Circuit (to Ground) / 71
B0138	Toyota	Short in D-Side Seat Belt Pretensioner Squib (LH) Circuit (to B+) / 72
B1100	Toyota	Airbag Sensor Assembly Malfunction (Progr. Avens) / 31
B1135	Toyota	SRS Control Module ? poor multi-plug connection / 24
B1140	Toyota	Side Airbag Sensor Assembly (RH) Malfunction / 32
B1141	Toyota	Side Airbag Sensor Assembly (LH) Malfunction / 33
B1142	Toyota	Door Side Airbag Sensor (RH) Malfunction
B1143	Toyota	Door Side Airbag Sensor (RH) Malfunction
B1144	Toyota	Door Side Airbag Sensor (LH) Malfunction
B1145	Toyota	Door Side Airbag Sensor (LH) Malfunction
B1146	Toyota	Side Crach Sensor, RH B post Malfunction / 32
B1147	Toyota	Side Crach Sensor, LH B post Malfunction / 33
B1148	Toyota	Front Crach Sensor, RH Malfunction / 36
B1149	Toyota	Front Crach Sensor, LH Malfunction / 37
B1153	Toyota	Seat Position Sensor malfunction / 25
B1154	Toyota	Side Crach Sensor, Rear RH in C posts / 38
B1155	Toyota	Side Crach Sensor, Rear LH in C posts / 39
B1156	Toyota	Front Airbag (Front crach) Sensor (RH) Malfunction / 15
B1157	Toyota	Front Airbag (Front crach) Sensor (RH) Malfunction / 15
B1158	Toyota	Front Airbag (Front crach) Sensor (LH) Malfunction / 16
B1159	Toyota	Front Airbag Sensor (LH) Malfunction / 16
B1160	Toyota	Inflatable curtain RH short circuit / 83

B1161	Toyota	Inflatable curtain RH open circuit / 84
B1162	Toyota	Inflatable curtain RH short circuit to Earth / 81
B1163	Toyota	Inflatable curtain RH short circuit to Positive / 82
B1165	Toyota	Inflatable curtain LH short circuit / 87
B1166	Toyota	Inflatable curtain LH open circuit / 88
B1167	Toyota	Inflatable curtain LH short circuit to Earth / 85
B1168	Toyota	Inflatable curtain LH short circuit to Positive / 86
B1180	Toyota	Driver's Air Bag, Stage 2 ? short circuit / 17
B1181	Toyota	Driver's Air Bag, Stage 2 ? open circuit / 18
B1182	Toyota	Driver's Air Bag, Stage 2 ? ? short circuit to Earth / 19
B1183	Toyota	Driver's Air Bag, Stage 2 ? short circuit to Positive / 2
B1185	Toyota	Passenger Air Bag Stage 2 short circuit / 57
B1186	Toyota	Passenger Air Bag Stage 2 open circuit / 58
B1187	Toyota	Passenger Air Bag Stage 2 short circuit to Earth / 55
B1188	Toyota	Passenger Air Bag Stage 2 short circuit to Positive / 56
B1211	Toyota	No Communication Between Driver's Door ECU & Body ECU/11
B1212	Toyota	No Communication Between Passenger's Front Door ECU & Body ECU / 12
B1214	Toyota	Door System Bus Communication Circuit is Shorted To Battery Voltage / 14
B1215	Toyota	Door System Bus Communication Circuit is Shorted To Ground / 15
B1216	Toyota	No Communication Between Right Rear Door ECU & Body ECU / 16
B1217	Toyota	No Communication Between Left Rear Door ECU & Body ECU / 17
B1221	Toyota	Power Window Master Switch Circuit / 21
B1222	Toyota	Driver's Door Lock Control Switch Circuit / 22
B1223	Toyota	Passenger's Front Window Switch Circuit / 23
B1224	Toyota	Passenger's Door Lock Control Switch Circuit / 24
B1225	Toyota	Right Rear Window Switch Circuit / 25
B1226	Toyota	Left Rear Window Switch Circuit / 26
B1231	Toyota	Driver's Jam Protection Limit Switch Circuit / 31
B1232	Toyota	Driver's Jam Protection Pulse Switch Circuit / 32
B1233	Toyota	Passenger's Front Jam Protection Limit Switch Circuit / 33
B1234	Toyota	Passenger's Front Jam Protection Pulse Switch Circuit / 34
B1235	Toyota	Right Rear Jam Protection Limit Switch Circuit / 35
B1236	Toyota	Right Rear Jam Protection Pulse Switch Circuit / 36
B1237	Toyota	Left Rear Jam Protection Limit Switch Circuit / 37
B1238	Toyota	Left Rear Jam Protection Pulse Switch Circuit / 38
B1241	Toyota	Body ECU Switch Circuit Diagnosis ONE OF MONITORED SWITCHES HAS ABNORMAL OUTPUT / 41
B1242	Toyota	Wireless Door Lock Tuner Circuit Malfunction (WIRELESS DOOR LOCK RECEIVER) / 42
B1243	Toyota	GSW TERMINAL CIRCUIT MALFUNCTION / 43
B1244	Toyota	Light Sensor Circuit Malfunction / 44
B1251	Toyota	MIRROR CONTROL SWITCH / 51
B1256	Toyota	Instrument Control Panel Circuit Diagnosis / 56
B1261	Toyota	No Communication Between ECM & Body ECU / 61
B1269	Toyota	THEFT DETERRENT ECU COMMUNICATION STOPPED / 69
B1272	Toyota	No Communication between Power Seat ECU (W/Memory) & Body ECU (POWER SEAT ECU COMMUNICATION STOPPED) /
B1273	Toyota	No Communication Between Sun Roof Control ECU & Body ECU / 73
B1275	Toyota	No Communication Between Accessory Bus Buffer & Body ECU / 75
B1276	Toyota	No Communication Between Combination Meter ECU & Body ECU
B1277	Toyota	No Communication Between Instrument Control Panel & Body ECU
B1300	Toyota	Engine Coolant Temperature Sensor for Hydraulic Cooling Fan Circuit Malfunction
B1305	Toyota	Solenoid for Hydraulic Cooling Fan Circuit Malfunction
B1421	Toyota	Solar Sensor Circuit (Passenger Side) (Progr., RX3))
B1423	Toyota	Open in pressure Sensor Circuit / Abnormal refrigerant Pressure (Progr, RX3)
B1424	Toyota	Solar Sensor Circuit (Driver Side) (Progr.)
B2785	Toyota	Ignition Switch ON Malfunction / 99
B2786	Toyota	Ignition Switch OFF Malfunction / 99
B2790	Toyota	Key Unlock Warning Switch ON Malfunction
B2791	Toyota	Key Unlock Warning Switch Off Malfunction / 99
B2796	Toyota	No Communication in Immobiliser System
B2797	Toyota	Communication Malfunction No.1 / 99
B2798	Toyota	Communication Malfunction No.2 / 99
B2799	Toyota	Engine Immobiliser System Malfunction
C0200	Toyota	FR Wheel Speed Sensor Malfunction (Cald,Cam, RX3, Cel.)
C0205	Toyota	FL Wheel Speed Sensor Malfunction (Cald, Cel.)
C0210	Toyota	RR Wheel Speed Sensor Malfunction (Cald,Cam, Cel.)
C0215	Toyota	LR Speed Sensor Circuit (Cel.)
C0226	Toyota	ABS Actuator Solenoid Circuit (Cel.) or ABS Solenoid Valve Circuit (MR)
C0236	Toyota	ABS Actuator Solenoid Circuit (MR, Cel.)
C0237	Toyota	Speed Sensor Circuit (Cel.)
C0238	Toyota	Speed Sensor Circuit (Cel.)
C0239	Toyota	Speed Sensor Circuit (Cel.)
C0246	Toyota	ABS Actuator Solenoid Circuit (MR, Cel.)
C0256	Toyota	ABS Actuator Solenoid Circuit (MR, Cel.)
C0273	Toyota	ABS Motor Relay Circuit (MR, Cel.)
C0274	Toyota	Water Pump Motor Relay Circuit Voltage to High ?)(Cam.)
C0278	Toyota	Solenoid Relay Circuit Voltage to Low (Cam.)
C0279	Toyota	Solenoid Relay Circuit Voltage to High (Cam.)
C0371	Toyota	VSC Sensor Signal or Circuit malfunction
C1200	Toyota	Brake Boost Sensor Circuit Malfunction / 98

C1201	Toyota	Engine Control System Malfunction (VCS lamp ON-RX3) or ECM/TCM malfunction / 51
C1203	Toyota	ECM/TRC communication Circuit malfunction / 53 (RX, LC)
C1207	Toyota	Starter Signal block malfunction / 37 (?)
C1208	Toyota	Steering Position Sensor Signal or Circuit malfunction / 72
C1210	Toyota	No learned (adaptation) VSC Sensor/36
C1223	Toyota	Malfunction in ABS Control System (RX3)
C1224	Toyota	NEO Signal Circuit Open or Short / 44
C1231	Toyota	Steering Angle Sensor Signal or Circuit malfunction (Progr.)
C1232	Toyota	Accel. Sensor Signal or Circuit malfunction/32
C1233	Toyota	VSC Sensor Circuit Open or Short/33 or Yaw Sensor Circuit Open or Short (Progr., RX3)
C1234	Toyota	VSC Sensor Signal Out of Range (malfunction) / 34
C1235	Toyota	Speed Sensor Rotor / Right Front (Cel.)
C1236	Toyota	Speed Sensor Rotor / Left Front (Cel.)
C1238	Toyota	Speed Sensor Circuit (MR), Speed Sensor Rotor / Right Rear (Cel.)
C1239	Toyota	Speed Sensor Circuit (MR), Speed Sensor Rotor / Left Rear (Cel.)
C1241	Toyota	IG Power Source Circuit (MR, Cel.)
C1244	Toyota	Deceleration Sensor Circuit Open or Short (Progr.)
C1249	Toyota	Brake Light Switch Circuit Malfunction (Cam., MR)
C1251	Toyota	ABS Pump Motor Lock (MR, Cel.)
C1271	Toyota	Low Output Voltage of Right Front Speed Sensor (MR) / 71
C1272	Toyota	Low Output Voltage of Left Front Speed Sensor (MR) / 72
C1273	Toyota	Low Output Voltage of Right Rear Speed Sensor (MR) / 73
C1274	Toyota	Low Output Voltage of Left Rear Speed Sensor (MR) / 74
C1275	Toyota	Abnormal Change in Input Voltage of Right Front Speed Sensor (MR) / 75
C1276	Toyota	Abnormal Change in Input Voltage of Left Front Speed Sensor (MR) / 76
C1277	Toyota	Abnormal Change in Input Voltage of Right Rear Speed Sensor (MR) / 77
C1278	Toyota	Abnormal Change in Input Voltage of Left Rear Speed Sensor (MR) / 78
C1336	Toyota	No learned (adaptacion) VSC Sensor/39?
C1340	Toyota	Block Diff. Circuit malfunction/47?
C1514	Toyota	Torque Sensor Circuit Malfunction (11 / 14)
C1515	Toyota	Calibration of torque sensor zero point Not Performed / 15
C1516	Toyota	Calibration of torque sensor zero point Not completed / 16
C1521	Toyota	Power Steering Motor Malfunction / 21 (MR2, Pri)
C1522	Toyota	Power Steering Motor Malfunction / 22 (MR2, Pri)
C1523	Toyota	Power Steering Motor Malfunction / 23 (MR2, Pri)
C1531	Toyota	Power Steering ECU Malfunction / (31-33) (MR2, Pri)
C1539	Toyota	Power Steering ECU Malfunction / 39 (MR2)
C1543	Toyota	Speed sensor Malfunction / (41- 43) (Pri)
C1552	Toyota	PIG Power Source Drop Voltage Malfunction / 52 (MR2, Pri)
C1553	Toyota	When Resetting Voltage, Vehicle Is Being Driven / 53 (MR2, Pri)
C1554	Toyota	EMPS relay circuit malfunction / 54 (Pri)
C1555	Toyota	EMPS ECU malfunction / 55 (Pri)
C1556	Toyota	P/S warning light circuit / 56 (Pri)
C1557	Toyota	Memory of overheat prevention control / 57 (Pri)
C1558	Toyota	Memory of voltage drop at motor power supply / 58 (Pri)
C1559	Toyota	Memory of continuous control under high load / 59 (Pri)
C1571	Toyota	Speed sensor malfunction (Test mode) /(71 / 72)
C1572	Toyota	Speed Sensor Signal Malfunction / 72 (MR2)
C1782	Toyota	Stop Switch Circuit Malfunction (LX47)
C1783	Toyota	Door Courtesy Switch Circuit Malfunction (LX47)
C1786	Toyota	Hight Control Switch Circuit Malfunction (LX47)
C1787	Toyota	EMS Switch Circuit Malfunction (LX47)
C1788	Toyota	Height Control OFF Switch Circuit Malfunction (LX47)
C1794	Toyota	RH Front Weel Speed Sensor Circuit malfunction (LX47)
C1795	Toyota	LH Front Weel Speed Sensor Circuit malfunction (LX47)
C2111	Toyota	Tire pressure sensor ID1 operation stop / 11
C2112	Toyota	Tire pressure sensor ID2 operation stop / 12
C2113	Toyota	Tire pressure sensor ID3 operation stop / 13
C2114	Toyota	Tire pressure sensor ID4 operation stop / 14
C2115	Toyota	Tire pressure sensor ID5 operation stop
C2121	Toyota	Tire pressure sensor ID1 not received
C2122	Toyota	Tire pressure sensor ID2 not received
C2123	Toyota	Tire pressure sensor ID3 not received
C2124	Toyota	Tire pressure sensor ID4 not received
C2125	Toyota	Tire pressure sensor ID5 not received
C2141	Toyota	A malfunction in the tire pressure sensor registered to ID1
C2142	Toyota	A malfunction in the tire pressure sensor registered to ID2
C2143	Toyota	A malfunction in the tire pressure sensor registered to ID3
C2144	Toyota	A malfunction in the tire pressure sensor registered to ID4
C2145	Toyota	A malfunction in the tire pressure sensor registered to ID5
C2165	Toyota	Abnormal temperature inside ID1 tire
C2166	Toyota	Abnormal temperature inside ID2 tire
C2167	Toyota	Abnormal temperature inside ID3 tire
C2168	Toyota	Abnormal temperature inside ID4 tire
C2169	Toyota	Abnormal temperature inside ID5 tire
C2171	Toyota	Tire pressure sensor ID not registered
C2176	Toyota	Tire pressure monitor receiver is error
C2181	Toyota	Tire pressure sensor ID1 not received (test diagnosis)

C2182	Toyota	Tire pressure sensor ID2 not received (test diagnosis)
C2183	Toyota	Tire pressure sensor ID3 not received (test diagnosis)
C2184	Toyota	Tire pressure sensor ID4 not received (test diagnosis)
C2185	Toyota	Tire pressure sensor ID5 not received (test diagnosis)
C2191	Toyota	Vehicle speed signal error (test diagnosis)
P1100	Toyota	BARO Sensor Circuit malfunction
P1101	Toyota	Atmospheric Press Sensor Circuit Range / Performance
P1105	Toyota	Combustion Press Sensor Malfunction
P1120	Toyota	Accelerator Pedal Position Sensor Circuit Malfunction
P1121	Toyota	Accelerator Pedal Position Sensor Range / Performance Problem
P1125	Toyota	Throttle Control Motor Circuit Malfunction
P1126	Toyota	Magnetic Clutch Circuit Malfunction
P1127	Toyota	ETCS Actuator Power Source Circuit Malfunction
P1128	Toyota	Throttle Control Motor Lock Malfunction
P1129	Toyota	Electric Throttle Control System Malfunction
P1130	Toyota	Air - Fuel Sensor Circuit Range / Performance
P1133	Toyota	Air - Fuel Sensor Circuit Response Malfunction
P1135	Toyota	Air - Fuel Sensor Heater Circuit Response Malfunction
P1136	Toyota	A/F Sensor Circuit Malfunction (Bank 1 Sensor 2)
P1139	Toyota	A/F Sensor Circuit Slow Response (Bank 1 Sensor 2)
P1141	Toyota	A/F Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)
P1150	Toyota	A. / F Sensor Circuit Range / Performance Malfunction
P1153	Toyota	A. / F Sensor Circuit Response Malfunction
P1155	Toyota	A. / F Sensor Heater Circuit Malfunction
P1156	Toyota	A/F Sensor Circuit Malfunction (Bank 2 Sensor 2)
P1159	Toyota	A/F Sensor Circuit Slow Response (Bank 2 Sensor 2)
P1161	Toyota	A/F Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)
P1180	Toyota	CNG Pressure Sensor Circuit Malfunction
P1185	Toyota	CNG Temperature Sensor Circuit Malfunction
P1190	Toyota	Fuel Pressure Regulator Malfunction
P1200	Toyota	Fuel Pump Relay Circuit Malfunction
P1205	Toyota	Electric Air Pump Circuit Malfunction.
P1210	Toyota	Injector Control Pressure Above Expected Level
P1215	Toyota	EDU Circuit Malfunction (Ath.) / 97
P1220	Toyota	Timer Control Circuit Malfunction
P1221	Toyota	Venturi Control Circuit Malfunction
P1225	Toyota	Spill Control Circuit Malfunction
P1230	Toyota	Venturi Position Sensor Malfunction
P1235	Toyota	High Pressure Fuel Pump Circuit Malfunction or Fuel Pump Control Out Of Range
P1240	Toyota	Fuel Shutoff Valve Circuit for Delivery Pipe Malfunction
P1245	Toyota	Fuel Shutoff Valve Circuit for Pressure Regulator Malfunction
P1300	Toyota	Igniter Circuit Malfunction No.1
P1305	Toyota	Igniter Circuit Malfunction No.2 (1998 - 2000 Land Cruiser,2000 Celica & Tundra)
P1310	Toyota	Igniter Circuit Malfunction No.2 (Except 1998 - 2000 Land Cruiser,2000 Celica & Tundra),or Igniter Circuit Malfunction No.3
P1315	Toyota	Igniter Circuit Malfunction No.4 (1998 - 2000 Land Cruiser,2000 Celica & Tundra)
P1320	Toyota	Igniter Circuit Malfunction No.5 (1998 - 2000 Land Cruiser & 2000 Tundra)
P1325	Toyota	Igniter Circuit Malfunction No.6 (1998 - 2000 Land Cruiser & 2000 Tundra)
P1330	Toyota	Igniter Circuit Malfunction No.7 (1998 - 2000 Land Cruiser & 2000 Tundra)
P1335	Toyota	No CKP Sensor Signal Engine Running
P1340	Toyota	Igniter Circuit Malfunction No.8 (1998 - 2000 Land Cruiser & 2000 Tundra)
P1345	Toyota	VVT Sensor / Camshaft Position Sensor Circuit Malfunction Bank 1
P1346	Toyota	VVT Sensor / Camshaft Position Sensor Circuit Range / Performance Problem (Bank 1)
P1349	Toyota	VVT System Malfunction Bank 1
P1350	Toyota	VVT Sensor / Camshaft Position Sensor Circuit Malfunction Bank 2
P1351	Toyota	VVT Sensor / Camshaft Position Sensor Circuit Range / Performance Problem Bank 2
P1354	Toyota	VVT System Malfunction Bank 2
P1357	Toyota	Exhaust VVT Sensor/Camshaft Position Sensor Circuit Malfunction (Bank 1)
P1358	Toyota	Exhaust VVT Sensor/Camshaft Position Sensor Circuit Malfunction (Bank 2)
P1360	Toyota	Exhaust VVT Sensor/Camshaft Position Sensor Circuit Malfunction (Bank 1)
P1365	Toyota	Exhaust VVT Sensor/Camshaft Position Sensor Circuit Malfunction (Bank 2)
P1400	Toyota	Sub - Throttle Position Sensor Malfunction
P1401	Toyota	Sub - Throttle Position Sensor Range / Performance Problem
P1405	Toyota	Turbo Pressure Sensor Circuit Malfunction
P1406	Toyota	Turbo Pressure Sensor Range / Performance Problem
P1410	Toyota	EGR Valve Position Sensor Circuit Malfunction
P1411	Toyota	EGR Valve Position Sensor Circuit Range / Performance
P1415	Toyota	Air Pump Circuit Malfunction/ (AIR) System Bank 1 / 58
P1416	Toyota	Port Air Circuit Malfunction/ (AIR) System Bank 2 / 58
P1420	Toyota	Intake Constrictor CTRL Circuit Open or Short
P1430	Toyota	Vacuum Sensor for HC Adsorber and Catalyst (HCAC) System Circuit Malfunction (HV)
P1431	Toyota	Vacuum Sensor for HC Adsorber and Catalyst (HCAC) System Circuit Range/Performance Problem
P1436	Toyota	Toyota-HCAC-System By-Pass Valve Impromevent-Open Malfunction (Pri)
P1437	Toyota	Toyota-HCAC-System By-Pass Valve Close Malfunction
P1455	Toyota	Vapor Reducing Fuel Tank System Malfunction
P1500	Toyota	Starter Signal Circuit Malfunction
P1505	Toyota	Switch Signal Malfunction
P1510	Toyota	Boost Pressure Control Circuit Malfunction
P1511	Toyota	Boost Pressure Low Malfunction

P1512	Toyota	Boost Pressure High Malfunction
P1515	Toyota	Inter Cooler System Malfunction
P1520	Toyota	Stop Lamp Switch Signal Malfunction
P1525	Toyota	Resolver Circuit Malfunction
P1565	Toyota	Cruise Control Main Switch Circuit Malfunction
P1566	Toyota	Input Signal Circuit Abnormal or Cruise Control Main Switch Circuit Fault
P1600	Toyota	ECM BATT Malfunction
P1605	Toyota	Knock Control CPU Malfunction
P1610	Toyota	Combustion Control CPU Malfunction
P1620	Toyota	ECT1 Signal Circuit Malfunction
P1625	Toyota	ESA1 Signal Circuit Malfunction
P1626	Toyota	ESA2 Signal Circuit Malfunction
P1627	Toyota	ESA3 Signal Circuit Malfunction
P1630	Toyota	Traction Control System Malfunction
P1633	Toyota	ECM Malfunction ECTS Circuit
P1636	Toyota	HV ECU Malfunction
P1637	Toyota	E(G?)STP signal Malfunction (ESTP Signal Malfunction ? Pri)
P1645	Toyota	Body ECU Malfunction
P1650	Toyota	Fuel Pressure Up VSV Circuit Malfunction
P1651	Toyota	VSV For ACIS Circuit Malfunction
P1652	Toyota	IACV Control Circuit Malfunction
P1653	Toyota	SCV Circuit Malfunction / 58
P1654	Toyota	Idle Up VSV Circuit Malfunction
P1655	Toyota	Idle Purge VSV Circuit Malfunction
P1656	Toyota	OCV Circuit Malfunction Bank 1
P1657	Toyota	Purge Cut VSV Circuit Malfunction
P1658	Toyota	Waste Gate Valve Control Circuit Malfunction
P1659	Toyota	Super Charger Control Circuit Malfunction
P1660	Toyota	Air Bleed Control Circuit Malfunction
P1661	Toyota	EGR Circuit Malfunction
P1662	Toyota	EGR By - Pass Valve Control Circuit Malfunction
P1663	Toyota	OCV Circuit Malfunction Bank 2
P1666	Toyota	Intake Air Control VSV No.2 Circuit Malfunction
P1667	Toyota	TCV Circuit Malfunction
P1668	Toyota	VSV for AICV Circuit Malfunction
P1690	Toyota	OCV Circuit Malfunction
P1692	Toyota	OCV Open Malfunction
P1693	Toyota	OCV Closed Malfunction
P1695	Toyota	OCV For VVTL Circuit Malfunction (Bank 2)
P1697	Toyota	OCV For VVTL Open Malfunction (Bank 2)
P1698	Toyota	OCV For VVTL Close Malfunction (Bank 2)
P1700	Toyota	Speed Sensor No.2 Malfunction
P1705	Toyota	NC2 (Direct Clutch Speed Sensor) Revolution Sensor Circuit malfunction or Direct Clutch Speed Sensor Output is 300 RPM
P1710	Toyota	Steering Sensor Circuit Malfunction
P1715	Toyota	Rear Wheel Sensor Circuit Malfunction
P1720	Toyota	DC Clutch Forced Release Circuit Malfunction
P1725	Toyota	NT Revolution Sensor or Input Turbine Speed Sensor Circuit Malfunction
P1730	Toyota	NC Revolution Sensor Circuit Malfunction or Counter Gear Speed Sensor Circuit Fault
P1735	Toyota	Right Front Speed Sensor Circuit Malfunction
P1740	Toyota	Left Front Speed Sensor Circuit Malfunction
P1745	Toyota	Transmission Fluid Temperature Sensor No.2 Circuit Malfunction
P1753	Toyota	Shift Solenoid No.4 Circuit Malfunction
P1755	Toyota	Linear Solenoid for Lock Up Ctrl Circ. Malfunction
P1760	Toyota	Linear Solenoid for Line Pressure Control Circuit Malfunction or Shift Solenoid Valve SLT Fault or Linear Solenoid for Lock-Linear Solenoid for Accumulator Pressure Control Circuit Malfunction (Shift Solenoid Valve ?SLN? malfunction) or with Engine Warm, Current Flow to Shift Solenoid Valve ?SLN? is 0.2 Amp or less for One Second with Engine at 500 RPM or more, or with Park/Neutral Position Switch Off
P1765	Toyota	
P1770	Toyota	Deferential Lock Solenoid No.1 Circuit Malfunction
P1775	Toyota	Deferential Lock Solenoid No.2 Circuit Malfunction
P1780	Toyota	PNP Switch Malfunction
P1782	Toyota	Transfer L4 SW Circuit Malfunction
P1783	Toyota	Transfer N SW Circuit Malfunction
P1785	Toyota	Auto Clutch System Malfunction
P1790	Toyota	ST Solenoid (Shift solenoid valve ST) Circuit Malfunction
P1793	Toyota	Shift Solenoid ST Circuit Malfunction
P1800	Toyota	Automatic Transmission Operation Circuit Malfunction
P1805	Toyota	Communication (between EFI ECU and Transmission ECU) Circuit Malfunction
P1810	Toyota	Communication for Torque Control Circuit Malfunction
P1820	Toyota	NIN Sensor Circuit Malfunction
P1825	Toyota	NOUT Sensor Circuit Malfunction
P1845	Toyota	PTO Sensor Circuit Malfunction
P1885	Toyota	SLS Circuit Malfunction
P1888	Toyota	SLS Circuit Malfunction
P1890	Toyota	SLC Circuit Malfunction
P1891	Toyota	SLC Circuit Malfunction
P1895	Toyota	DSU Circuit Malfunction
P2195	Toyota	Oxygen Sensor Signal Stuck Lean (Bank 1 Sensor 1) ? Cor ?04
P2196	Toyota	Oxygen Sensor Signal Stuck Rich (Bank 1 Sensor 1) ? Cor ?04

P2716	Toyota	Pressure Control Solenoid ?D? Electrical (Shift Solenoid Valve SLT) - Cor ?04
P2769	Toyota	Torque Converter Clutch Solenoid Circuit Low (Shift Solenoid Valve SL) ? Cor ?04
P2770	Toyota	Torque Converter Clutch Solenoid Circuit High (Shift Solenoid Valve SL) - Cor ?04
P3000	Toyota	HV Battery Malfunction
P3001	Toyota	Battery ECU malfunction
P3002	Toyota	HV ECU communication malfunction
P3004	Toyota	Power Cable Malfunction
P3005	Toyota	High voltage fuse snapped
P3006	Toyota	Battery SOC are uneven
P3009	Toyota	Leak detected (Electric leak from high?voltage system)
P3010	Toyota	Battery total resistance malfunction
P3011	Toyota	Battery block 1 malfunction
P3012	Toyota	Battery block 2 malfunction
P3013	Toyota	Battery block 3 malfunction
P3014	Toyota	Battery block 4 malfunction
P3015	Toyota	Battery block 5 malfunction
P3016	Toyota	Battery block 6 malfunction
P3017	Toyota	Battery block 7 malfunction
P3018	Toyota	Battery block 8 malfunction
P3019	Toyota	Battery block 9 malfunction
P3020	Toyota	Battery block 10 malfunction
P3021	Toyota	Battery block 11 malfunction
P3022	Toyota	Battery block 12 malfunction
P3023	Toyota	Battery block 13 malfunction
P3024	Toyota	Battery block 14 malfunction
P3025	Toyota	Battery block 15 malfunction
P3026	Toyota	Battery block 16malfunction
P3027	Toyota	Battery block 17 malfunction
P3028	Toyota	Battery block 18 malfunction
P3029	Toyota	Battery block 19 malfunction
P3030	Toyota	Battery voltage detective line snapped
P3060	Toyota	Battery temperature sensor circuit malfunction
P3076	Toyota	Abnormal air flow by battery cooling fan
P3077	Toyota	Battery cooling fan motor circuit malfunction
P3100	Toyota	HV ECU Malfunction
P3101	Toyota	Engine System Malfunction
P3105	Toyota	Battery ECU Communication Circuit Malfunction
P3106	Toyota	ECM Communication Circuit Malfunction
P3107	Toyota	Airbag ECU Communication Circuit Malfunction
P3108	Toyota	A/C Amplifier Communication Circuit Malfunction
P3109	Toyota	Brake ECU Communication Circuit Malfunction
P3110	Toyota	IGCT relay is always closed
P3115	Toyota	HV battery current sensor malfunction
P3120	Toyota	HV Transaxle Malfunction
P3125	Toyota	Converter & Inverter Assembly Malfunction
P3130	Toyota	Inverter Cooling System Malfunction
P3135	Toyota	Circuit Breaker Sensor Malfunction
P3140	Toyota	Interlock Malfunction
P3145	Toyota	Vehicle Speed Sensor Circuit Malfunction
P3190	Toyota	Poor Engine Power (Pri)
P3191	Toyota	Engine does not start (Pri)
P1023	Volkswagen/Audi	Fuel pressure control valve - short to earth
P1024	Volkswagen/Audi	Fuel pressure control valve - open circuit
P1025	Volkswagen/Audi	Fuel pressure control valve - mechanical fault
P1026	Volkswagen/Audi	Intake manifold air control solenoid - short to positive
P1027	Volkswagen/Audi	Intake manifold air control solenoid - short to earth
P1028	Volkswagen/Audi	Intake manifold air control solenoid - open circuit
P1029	Volkswagen/Audi	Intake manifold air control valve position sensor - upper limit not reached
P1030	Volkswagen/Audi	Intake manifold air control valve position sensor - lower limit not reached
P1031	Volkswagen/Audi	Intake manifold air control valve position sensor - specification not attained
P1032	Volkswagen/Audi	Nitrogen oxides (NOX) sensor - signal too high
P1033	Volkswagen/Audi	Nitrogen oxides (NOX) sensor - signal too low
P1034	Volkswagen/Audi	Nitrogen oxides (NOX) sensor - signal outside tolerance
P1035	Volkswagen/Audi	Nitrogen oxides (NOX) sensor - range / performance problem
P1036	Volkswagen/Audi	Nitrogen oxides (NOX) heater sensor - short to
P1037	Volkswagen/Audi	Nitrogen oxides (NOX) heater sensor - short to,earth
P1038	Volkswagen/Audi	Nitrogen oxides (NOX) heater sensor - open circuit
P1039	Volkswagen/Audi	Injector 1,supply voltage - short circuit
P1040	Volkswagen/Audi	Injector 1,supply voltage - circuit malfunction
P1041	Volkswagen/Audi	Injector 2,supply voltage - short circuit
P1042	Volkswagen/Audi	Injector 2,supply voltage - circuit malfunction
P1043	Volkswagen/Audi	Injector 3,supply voltage - short circuit
P1044	Volkswagen/Audi	Injector 3,supply voltage - circuit malfunction
P1045	Volkswagen/Audi	Injector 4,supply voltage - short circuit
P1046	Volkswagen/Audi	Injector 4,supply voltage - circuit malfunction
P1047	Volkswagen/Audi	Camshaft position (CMP) actuator,exhaust / right / rear,bank 1 - circuit malfunction
P1048	Volkswagen/Audi	Camshaft position (CMP) actuator,exhaust / right / rear,bank 1 - short to positive
P1049	Volkswagen/Audi	Camshaft position (CMP) actuator,exhaust / right / rear,bank 1 - short to earth

P1050	Volkswagen/Audi	Camshaft position (CMP) actuator,exhaust / right / rear,bank 1 - open circuit
P1063	Volkswagen/Audi	Fuel pressure - control limit not reached
P1064	Volkswagen/Audi	Fuel pressure - mechanical fault
P1065	Volkswagen/Audi	Fuel pressure - system deviation
P1066	Volkswagen/Audi	Intake manifold air control solenoid - short to positive
P1067	Volkswagen/Audi	Intake manifold air control solenoid - short to earth
P1068	Volkswagen/Audi	Intake manifold air control solenoid - open circuit
P1069	Volkswagen/Audi	Nitrogen oxides (NOX) sensor - heater control - short to earth
P1070	Volkswagen/Audi	Nitrogen oxides (NOX) sensor - heater control - short to positive
P1071	Volkswagen/Audi	Nitrogen oxides (NOX) sensor - heater control - incorrect signal
P1072	Volkswagen/Audi	Nitrogen oxides (NOX) sensor - heater control - circuit malfunction
P1093	Volkswagen/Audi	Mixture control (MC),bank 1 - malfunction
P1101	Volkswagen/Audi	O2 Sensor Circ.,Bank1 - Sensor1Voltage too Low/Air Leak
P1102	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank1 - Sensor1 Short to B +
P1103	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank1 - Sensor1 Output too Low
P1104	Volkswagen/Audi	Bank1 - Sensor2 Voltage too Low/Air Leak
P1105	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank1 - Sensor2 Short to B +
P1106	Volkswagen/Audi	O2 Sensor Circ.,Bank2 - Sensor1 Voltage too Low/Air Leak
P1107	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank2 - Sensor1 Short to B +
P1108	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank2 - Sensor1 Output too Low
P1109	Volkswagen/Audi	O2 Sensor Circ.,Bank2 - Sensor2 Voltage too Low/Air Leak
P1110	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank2 - Sensor2 Short to B +
P1111	Volkswagen/Audi	O2 Control (Bank 1) System too lean
P1112	Volkswagen/Audi	O2 Control (Bank 1) System too rich
P1113	Volkswagen/Audi	Bank1 - Sensor1 Internal Resistance too High
P1114	Volkswagen/Audi	Bank1 - Sensor2 Internal Resistant too High
P1115	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank1 - Sensor1 Short to Ground
P1116	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank1 - Sensor1 Open
P1117	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank1 - Sensor2 Short to Ground
P1118	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank1 - Sensor2 Open
P1119	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank2 - Sensor1 Short to Ground
P1120	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank2 - Sensor1 Open
P1121	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank2 - Sensor2 Short to Ground
P1122	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank2 - Sensor2 Open
P1123	Volkswagen/Audi	Long Term Fuel Trim Add. Air.,Bank1 System too Rich
P1124	Volkswagen/Audi	Long Term Fuel Trim Add. Air.,Bank1 System too Lean
P1125	Volkswagen/Audi	Long Term Fuel Trim Add. Air.,Bank2 System too Rich
P1126	Volkswagen/Audi	Long Term Fuel Trim Add. Air.,Bank2 System too Lean
P1127	Volkswagen/Audi	Long Term Fuel Trim mult.,Bank1 System too Rich
P1128	Volkswagen/Audi	Long Term Fuel Trim mult.,Bank1 System too Lean
P1129	Volkswagen/Audi	Long Term Fuel Trim mult.,Bank2 System too Rich
P1130	Volkswagen/Audi	Long Term Fuel Trim mult.,Bank2 System too Lean
P1131	Volkswagen/Audi	Bank2 - Sensor1 Internal Ristance too High
P1132	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank1 + 2 - Sensor1 Short to B +
P1133	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank1 + 2 - Sensor1 Electrical Malfunction
P1134	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank1 + 2 - Sensor2 Short to B +
P1135	Volkswagen/Audi	O2 Sensor Heating Circ.,Bank1 + 2 - Sensor2 Electrical Malfunction
P1136	Volkswagen/Audi	Long Term Fuel Trim Add. Fuel,Bank1 System too Lean
P1137	Volkswagen/Audi	Long Term Fuel Trim Add. Fuel,Bank1 System too Rich
P1138	Volkswagen/Audi	Long Term Fuel Trim Add. Fuel,Bank2 System too Lean
P1139	Volkswagen/Audi	Long Term Fuel Trim Add. Fuel,Bank2 System too Rich
P1140	Volkswagen/Audi	Bank2 - Sensor2 Internal Resistance too High
P1141	Volkswagen/Audi	Load Calculation Cross Check Range / Performance
P1142	Volkswagen/Audi	Load Calculation Cross Check Lower Limit Exceeded
P1143	Volkswagen/Audi	Load Calculation Cross Check Upper Limit Exceeded
P1144	Volkswagen/Audi	Mass or Volume Air Flow Circ Open / Short to Ground
P1145	Volkswagen/Audi	Mass or Volume Air Flow Circ Short to B +
P1146	Volkswagen/Audi	Mass or Volume Air Flow Circ Supply Malfunction
P1147	Volkswagen/Audi	O2 Control (Bank 2) System too lean
P1148	Volkswagen/Audi	O2 Control (Bank 2) System too rich
P1149	Volkswagen/Audi	O2 Control (Bank 1) Out of range
P1150	Volkswagen/Audi	O2 Control (Bank 2) Out of range
P1151	Volkswagen/Audi	Bank1,Long Term Fuel Trim,Range 1 Leanness Lower Limit Exceeded
P1152	Volkswagen/Audi	Bank1,Long Term Fuel Trim,Range 2 Leanness Lower Limit Exceeded
P1153	Volkswagen/Audi	Heated oxygen sensor (HO2S) 2,banks 1 & 2 'interchanged
P1154	Volkswagen/Audi	Manifold Switch Over Malfunction
P1155	Volkswagen/Audi	Manifold Abs. Pressure Sensor Circ. Short to B +
P1156	Volkswagen/Audi	Manifold Abs. Pressure Sensor Circ. Open / Short to Ground
P1157	Volkswagen/Audi	Manifold Abs. Pressure Sensor Circ. Power Supply Malfunction
P1158	Volkswagen/Audi	Manifold Abs. Pressure Sensor Circ. Range / Performance
P1159	Volkswagen/Audi	Mass air flow (MAF) sensor,banks 1 & 2 - implausible ratio
P1160	Volkswagen/Audi	Manifold Temp. Sensor Circ. Short to Ground
P1161	Volkswagen/Audi	Manifold Temp. Sensor Circ. Open / Short to B +
P1162	Volkswagen/Audi	Fuel Temp. Sensor Circ. Short to Ground
P1163	Volkswagen/Audi	Fuel Temp. Sensor Circ. Open / Short to B +
P1164	Volkswagen/Audi	Fuel Temperature Sensor Range / Performance / Incorrect Signal
P1165	Volkswagen/Audi	Bank1,Long Term Fuel Trim,Range 1 Rich Limit Exceeded
P1166	Volkswagen/Audi	Bank1,Long Term Fuel Trim,Range 2 Rich Limit Exceeded

P1167	Volkswagen/Audi	Mass air flow (MAF) sensor,bank 2 - range / performance problem
P1168	Volkswagen/Audi	Mass air flow (MAF) sensor,bank 2 - low input
P1169	Volkswagen/Audi	Mass air flow (MAF) sensor,bank 2 - high input
P1170	Volkswagen/Audi	Mass air flow (MAF) sensor,bank 2 - supply voltage
P1171	Volkswagen/Audi	Throttle Actuation Potentiometer Sign.2 Range / Performance
P1172	Volkswagen/Audi	Throttle Actuation Potentiometer Sign.2 Signal too Low
P1173	Volkswagen/Audi	Throttle Actuation Potentiometer Sign.2 Signal too High
P1174	Volkswagen/Audi	Fuel Trim,Bank 1 Different injection times
P1176	Volkswagen/Audi	O2 Correction Behind Catalyst,B1 Limit Attained
P1177	Volkswagen/Audi	O2 Correction Behind Catalyst,B2 Limit Attained
P1178	Volkswagen/Audi	Linear O2 Sensor / Pump Current Open Circuit
P1179	Volkswagen/Audi	Linear O2 Sensor / Pump Current Short to ground
P1180	Volkswagen/Audi	Linear O2 Sensor / Pump Current Short to B +
P1181	Volkswagen/Audi	Linear O2 Sensor / Reference Voltage Open Circuit
P1182	Volkswagen/Audi	Linear O2 Sensor / Reference Voltage Short to ground
P1183	Volkswagen/Audi	Linear O2 Sensor / Reference Voltage Short to B +
P1184	Volkswagen/Audi	Linear O2 Sensor / Common Ground Wire Open Circuit
P1185	Volkswagen/Audi	Linear O2 Sensor / Common Ground Wire Short to ground
P1186	Volkswagen/Audi	Linear O2 Sensor / Common Ground Wire Short to B +
P1187	Volkswagen/Audi	Linear O2 Sensor / Compens. Resistor Open Circuit
P1188	Volkswagen/Audi	Linear O2 Sensor / Compens. Resistor Short to ground
P1189	Volkswagen/Audi	Linear O2 Sensor / Compens. Resistor Short to B +
P1190	Volkswagen/Audi	Linear O2 Sensor / Reference Voltage Incorrect Signal
P1191	Volkswagen/Audi	Heated oxygen sensor (HO2S) 1,banks 1 & 2 - interchanged
P1192	Volkswagen/Audi	Fuel pressure sensor - supply voltage
P1193	Volkswagen/Audi	Fuel pressure sensor - open circuit / short to positive
P1194	Volkswagen/Audi	Fuel pressure control valve - short to positive
P1195	Volkswagen/Audi	Fuel pressure control valve - open circuit / short to earth
P1196	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank1 - Sensor1 Electrical Malfunction
P1197	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank2 - Sensor1 Electrical Malfunction
P1198	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank1 - Sensor2 Electrical Malfunction
P1199	Volkswagen/Audi	O2 Sensor Heater Circ.,Bank2 - Sensor2 Electrical Malfunction
P1201	Volkswagen/Audi	Cyl.1 - Fuel Inj. Circ. Electrical Malfunction
P1202	Volkswagen/Audi	Cyl.2 - Fuel Inj. Circ. Electrical Malfunction
P1203	Volkswagen/Audi	Cyl.3 - Fuel Inj. Circ. Electrical Malfunction
P1204	Volkswagen/Audi	Cyl.4 - Fuel Inj. Circ. Electrical Malfunction
P1205	Volkswagen/Audi	Cyl.5 - Fuel Inj. Circ. Electrical Malfunction
P1206	Volkswagen/Audi	Cyl.6 - Fuel Inj. Circ. Electrical Malfunction
P1207	Volkswagen/Audi	Cyl.7 - Fuel Inj. Circ. Electrical Malfunction
P1208	Volkswagen/Audi	Cyl.8 - Fuel Inj. Circ. Electrical Malfunction
P1209	Volkswagen/Audi	Intake valves for cylinder shut - off Short circuit to ground
P1210	Volkswagen/Audi	Intake valves for cylinder shut - off Short to B +
P1211	Volkswagen/Audi	Intake valves for cylinder shut - off Open circuit
P1213	Volkswagen/Audi	Cyl.1 - Fuel Inj. Circ. Short to B +
P1214	Volkswagen/Audi	Cyl.2 - Fuel Inj. Circ. Short to B +
P1215	Volkswagen/Audi	Cyl.3 - Fuel Inj. Circ. Short to B +
P1216	Volkswagen/Audi	Cyl.4 - Fuel Inj. Circ. Short to B +
P1217	Volkswagen/Audi	Cyl.5 - Fuel Inj. Circ. Short to B +
P1218	Volkswagen/Audi	Cyl.6 - Fuel Inj. Circ. Short to B +
P1219	Volkswagen/Audi	Cyl.7 - Fuel Inj. Circ. Short to B +
P1220	Volkswagen/Audi	Cyl.8 - Fuel Inj. Circ. Short to B +
P1221	Volkswagen/Audi	Cylinder shut - off exhaust valves Short circuit to ground
P1222	Volkswagen/Audi	Cylinder shut - off exhaust valves Short to B +
P1223	Volkswagen/Audi	Cylinder shut - off exhaust valves Open circuit
P1225	Volkswagen/Audi	Cyl.1 - Fuel Inj. Circ. Short to Ground
P1226	Volkswagen/Audi	Cyl.2 - Fuel Inj. Circ. Short to Ground
P1227	Volkswagen/Audi	Cyl.3 - Fuel Inj. Circ. Short to Ground
P1228	Volkswagen/Audi	Cyl.4 - Fuel Inj. Circ. Short to Ground
P1229	Volkswagen/Audi	Cyl.5 - Fuel Inj. Circ. Short to Ground
P1230	Volkswagen/Audi	Cyl.6 - Fuel Inj. Circ. Short to Ground
P1231	Volkswagen/Audi	Cyl.7 - Fuel Inj. Circ. Short to Ground
P1232	Volkswagen/Audi	Cyl.8 - Fuel Inj. Circ. Short to Ground
P1237	Volkswagen/Audi	Cyl.1 - Fuel Inj. Circ. Open Circ.
P1238	Volkswagen/Audi	Cyl.2 - Fuel Inj. Circ. Open Circ.
P1239	Volkswagen/Audi	Cyl.3 - Fuel Inj. Circ. Open Circ.
P1240	Volkswagen/Audi	Cyl.4 - Fuel Inj. Circ. Open Circ.
P1241	Volkswagen/Audi	Cyl.5 - Fuel Inj. Circ. Open Circ.
P1242	Volkswagen/Audi	Cyl.6 - Fuel Inj. Circ. Open Circ.
P1243	Volkswagen/Audi	Cyl.7 - Fuel Inj. Circ. Open Circ.
P1244	Volkswagen/Audi	Cyl.8 - Fuel Inj. Circ. Open Circ.
P1245	Volkswagen/Audi	Needle Lift Sensor Circ. Short to Ground
P1246	Volkswagen/Audi	Needle Lift Sensor Circ. Range / Performance
P1247	Volkswagen/Audi	Needle Lift Sensor Circ. Open / Short to B +
P1248	Volkswagen/Audi	Injection Start Control Deviation
P1249	Volkswagen/Audi	Fuel consumption signal Electrical Fault in Circuit
P1250	Volkswagen/Audi	Fuel Level Too Low
P1251	Volkswagen/Audi	Start of Injection Solenoid Circ Short to B +
P1252	Volkswagen/Audi	Start of Injection Solenoid Circ Open / Short to Ground

P1253	Volkswagen/Audi	Fuel consumption signal Short to ground
P1254	Volkswagen/Audi	Fuel consumption signal Short to B +
P1255	Volkswagen/Audi	Engine Coolant Temp. Circ Short to Ground
P1256	Volkswagen/Audi	Engine Coolant Temp. Circ Open / Short to B +
P1257	Volkswagen/Audi	Engine Coolant System Valve Open
P1258	Volkswagen/Audi	Engine Coolant System Valve Short to B +
P1259	Volkswagen/Audi	Engine Coolant System Valve Short to Ground
P1260	Volkswagen/Audi	Injector 1 - implausible signal
P1261	Volkswagen/Audi	Injector 1 - control limit exceeded
P1262	Volkswagen/Audi	Injector 1 - control limit not reached
P1263	Volkswagen/Audi	Injector 2 - implausible signal
P1264	Volkswagen/Audi	Injector 2 - control limit exceeded
P1265	Volkswagen/Audi	Injector 2 - control limit not reached
P1266	Volkswagen/Audi	Injector 3 - implausible signal
P1267	Volkswagen/Audi	Injector 3 - control limit exceeded
P1268	Volkswagen/Audi	Injector 3 - control limit not reached
P1269	Volkswagen/Audi	Injector 4 - implausible signal
P1270	Volkswagen/Audi	Injector 4 - control limit exceeded
P1271	Volkswagen/Audi	Injector 4 - control limit not reached
P1278	Volkswagen/Audi	Fuel metering solenoid - short to positive
P1279	Volkswagen/Audi	Fuel metering solenoid - open circuit / short to earth
P1280	Volkswagen/Audi	Fuel Inj. Air Contr. Valve Circ. Flow too Low
P1281	Volkswagen/Audi	Fuel metering solenoid - short to earth
P1282	Volkswagen/Audi	Fuel metering solenoid - open circuit
P1283	Volkswagen/Audi	Fuel Inj. Air Contr. Valve Circ. Electrical Malfunction
P1284	Volkswagen/Audi	Fuel Inj. Air Contr. Valve Circ. Open
P1285	Volkswagen/Audi	Fuel Inj. Air Contr. Valve Circ. Short to Ground
P1286	Volkswagen/Audi	Fuel Inj. Air Contr. Valve Circ. Short to B +
P1287	Volkswagen/Audi	Turbocharger bypass valve open
P1288	Volkswagen/Audi	Turbocharger bypass valve short to B +
P1289	Volkswagen/Audi	Turbocharger bypass valve short to ground
P1290	Volkswagen/Audi	Engine coolant temperature (ECT) sensor,ECM controlled cooling system - high input
P1291	Volkswagen/Audi	Engine coolant temperature (ECT) sensor,ECM controlled cooling system - high input
P1292	Volkswagen/Audi	Engine coolant thermostat - open circuit
P1293	Volkswagen/Audi	Engine coolant thermostat - short to positive
P1294	Volkswagen/Audi	Engine coolant thermostat - short to earth
P1295	Volkswagen/Audi	Turbocharger (TC),bypass - flow malfunction
P1296	Volkswagen/Audi	Cooling system malfunction
P1297	Volkswagen/Audi	Connection turbocharger - throttle valve pressure hose
P1299	Volkswagen/Audi	Fuel metering solenoid - circuit malfunction
P1300	Volkswagen/Audi	Misfire detected Reason: Fuel level too low
P1319	Volkswagen/Audi	Knock Sensor 1 Circ. Short to Ground
P1320	Volkswagen/Audi	Knock Sensor 2 Circ. Short to Ground
P1321	Volkswagen/Audi	Knock Sensor 3 Circ. Low Input
P1322	Volkswagen/Audi	Knock Sensor 3 Circ. High Input
P1323	Volkswagen/Audi	Knock Sensor 4 Circ. Low Input
P1324	Volkswagen/Audi	Knock Sensor 4 Circ. High Input
P1325	Volkswagen/Audi	Cyl.1 - Knock Contr. Limit Attained
P1326	Volkswagen/Audi	Cyl.2 - Knock Contr. Limit Attained
P1327	Volkswagen/Audi	Cyl.3 - Knock Contr. Limit Attained
P1328	Volkswagen/Audi	Cyl.4 - Knock Contr. Limit Attained
P1329	Volkswagen/Audi	Cyl.5 - Knock Contr. Limit Attained
P1330	Volkswagen/Audi	Cyl.6 - Knock Contr. Limit Attained
P1331	Volkswagen/Audi	Cyl.7 - Knock Contr. Limit Attained
P1332	Volkswagen/Audi	Cyl.8 - Knock Contr. Limit Attained
P1335	Volkswagen/Audi	Engine Torque Monitoring 2 Control Limint Exceeded
P1336	Volkswagen/Audi	Engine Torque Monitoring Adaptation at limit
P1337	Volkswagen/Audi	Camshaft Pos. Sensor,Bank1 Short to Ground
P1338	Volkswagen/Audi	Camshaft Pos. Sensor,Bank1 Open Circ. / Short to B +
P1339	Volkswagen/Audi	Crankshaft Pos. / Engine Speed Sensor Cross Connected
P1340	Volkswagen/Audi	Crankshaft -/ Camshaft Pos. Sens. Signals Out of Sequence
P1341	Volkswagen/Audi	Ignition Coil Power Output Stage 1 Short to Ground
P1342	Volkswagen/Audi	Ignition Coil Power Output Stage 1 Short to B +
P1343	Volkswagen/Audi	Ignition Coil Power Output Stage 2 Short to Ground
P1344	Volkswagen/Audi	Ignition Coil Power Output Stage 2 Short to B +
P1345	Volkswagen/Audi	Ignition Coil Power Output Stage 3 Short to Ground
P1346	Volkswagen/Audi	Ignition Coil Power Output Stage 3 Short to B +
P1347	Volkswagen/Audi	Bank2,Crankshaft -/ Camshaft os. Sens. Sign. Out of Sequence
P1348	Volkswagen/Audi	Ignition Coil Power Output Stage 1 Open Circuit
P1349	Volkswagen/Audi	Ignition Coil Power Output Stage 2 Open Circuit
P1350	Volkswagen/Audi	Ignition Coil Power Output Stage 3 Open Circuit
P1351	Volkswagen/Audi	Camshaft position (CMP) sensor,bank 1 - range / performance problem
P1354	Volkswagen/Audi	Modulation Piston Displ. Sensor Circ. Malfunction
P1355	Volkswagen/Audi	Cyl.1,ignition circuit Open Circuit
P1356	Volkswagen/Audi	Cyl.1,ignition circuit Short to B +
P1357	Volkswagen/Audi	Cyl.1,ignition circuit Short to ground
P1358	Volkswagen/Audi	Cyl.2,ignition circuit Open Circuit
P1359	Volkswagen/Audi	Cyl.2,ignition circuit Short Circuit to B +

P1360	Volkswagen/Audi	Cyl.2,ignition circuit Short Circuit to Ground
P1361	Volkswagen/Audi	Cyl.3,ignition circuit Open Circuit
P1362	Volkswagen/Audi	Cyl.3,ignition circuit Short Circuit to B +
P1363	Volkswagen/Audi	Cyl.3,ignition circuit Short Circuit to ground
P1364	Volkswagen/Audi	Cyl.4 ignition circuit Open Circuit
P1365	Volkswagen/Audi	Cyl.4 ignition circuit Short circuit to B +
P1366	Volkswagen/Audi	Cyl.4 ignition circuit Short circuit to ground
P1367	Volkswagen/Audi	Cyl.5,ignition circuit Open Circuit
P1368	Volkswagen/Audi	Cyl.5,ignition circuit Short Circuit to B +
P1369	Volkswagen/Audi	Cyl.5,ignition circuit short to ground
P1370	Volkswagen/Audi	Cyl.6,ignition circuit Open Circuit
P1371	Volkswagen/Audi	Cyl.6,ignition circuit Short Circuit to B +
P1372	Volkswagen/Audi	Cyl.6,ignition circuit short to ground
P1373	Volkswagen/Audi	Cyl.7,ignition circuit Open Circuit
P1374	Volkswagen/Audi	Cyl.7,ignition circuit Short Circuit to B +
P1375	Volkswagen/Audi	Cyl.7,ignition circuit short to ground
P1376	Volkswagen/Audi	Cyl.8,ignition circuit Open Circuit
P1377	Volkswagen/Audi	Cyl.8,ignition circuit Short Circuit to B +
P1378	Volkswagen/Audi	Cyl.8,ignition circuit short to ground
P1385	Volkswagen/Audi	Engine control module (ECM) - defective
P1386	Volkswagen/Audi	Internal Control Module Knock Control Circ. Error
P1387	Volkswagen/Audi	Internal Contr. Module altitude sensor error
P1388	Volkswagen/Audi	Internal Contr. Module drive by wire error
P1389	Volkswagen/Audi	Engine control module (ECM) 2 - defective
P1391	Volkswagen/Audi	Camshaft Pos. Sensor,Bank2 Short to Ground
P1392	Volkswagen/Audi	Camshaft Pos. Sensor,Bank2 Open Circ. / Short to B +
P1393	Volkswagen/Audi	Ignition Coil Power Output Stage 1 Electrical Malfunction
P1394	Volkswagen/Audi	Ignition Coil Power Output Stage 2 Electrical Malfunction
P1395	Volkswagen/Audi	Ignition Coil Power Output Stage 3 Electrical Malfunction
P1396	Volkswagen/Audi	Engine Speed Sensor Missing Tooth
P1397	Volkswagen/Audi	Engine speed wheel Adaptation limit reached
P1398	Volkswagen/Audi	Engine RPM signal,TD Short to ground
P1399	Volkswagen/Audi	Engine RPM signal,TD Short Circuit to B +
P1400	Volkswagen/Audi	EGR Valve Circ Electrical Malfunction
P1401	Volkswagen/Audi	EGR Valve Circ Short to Ground
P1402	Volkswagen/Audi	EGR Valve Circ Short to B +
P1403	Volkswagen/Audi	EGR Flow Deviation
P1404	Volkswagen/Audi	EGR Flow Basic Setting not carried out
P1406	Volkswagen/Audi	EGR Temp. Sensor Range / Performance
P1407	Volkswagen/Audi	EGR Temp. Sensor Signal too Low
P1408	Volkswagen/Audi	EGR Temp. Sensor Signal too High
P1409	Volkswagen/Audi	Tank Ventilation Valve Circ. Electrical Malfunction
P1410	Volkswagen/Audi	Tank Ventilation Valve Circ. Short to B +
P1411	Volkswagen/Audi	Sec. Air Inj. Sys.,Bank2 Flow too Flow
P1412	Volkswagen/Audi	EGR Different. Pressure Sensor Signal too Low
P1413	Volkswagen/Audi	EGR Different. Pressure Sensor Signal too High
P1414	Volkswagen/Audi	Sec. Air Inj. Sys.,Bank2 Leak Detected
P1415	Volkswagen/Audi	Exhaust gas recirculation (EGR) valve position sensor - lower limit exceeded
P1416	Volkswagen/Audi	Exhaust gas recirculation (EGR) valve position sensor - upper limit exceeded
P1417	Volkswagen/Audi	Fuel Level Sensor Circ Signal too Low
P1418	Volkswagen/Audi	Fuel Level Sensor Circ Signal too High
P1420	Volkswagen/Audi	Sec. Air Inj. Valve Circ Electrical Malfunction
P1421	Volkswagen/Audi	Sec. Air Inj. Valve Circ Short to Ground
P1422	Volkswagen/Audi	Sec. Air Inj. Sys. Contr. Valve Circ Short to B +
P1423	Volkswagen/Audi	Sec. Air Inj. Sys.,Bank1 Flow too Low
P1424	Volkswagen/Audi	Sec. Air Inj. Sys.,Bank1 Leak Detected
P1425	Volkswagen/Audi	Tank Vent. Valve Short to Ground
P1426	Volkswagen/Audi	Tank Vent. Valve Open
P1427	Volkswagen/Audi	Vacuum pump,brakes - short to positive
P1428	Volkswagen/Audi	Vacuum pump,brakes - short to earth
P1429	Volkswagen/Audi	Vacuum pump,brakes - open circuit
P1430	Volkswagen/Audi	Vacuum pump,brakes - open circuit / short to positive
P1431	Volkswagen/Audi	Vacuum pump,brakes - open circuit / short to earth
P1432	Volkswagen/Audi	Sec. Air Inj. Valve Open
P1433	Volkswagen/Audi	Sec. Air Inj. Sys. Pump Relay Circ. open
P1434	Volkswagen/Audi	Sec. Air Inj. Sys. Pump Relay Circ. Short to B +
P1435	Volkswagen/Audi	Sec. Air Inj. Sys. Pump Relay Circ. Short to ground
P1436	Volkswagen/Audi	Sec. Air Inj. Sys. Pump Relay Circ. Electrical Malfunction
P1437	Volkswagen/Audi	Exhaust gas recirculation (EGR) valve / solenoid,bank 2 - short to positive
P1438	Volkswagen/Audi	Exhaust gas recirculation (EGR) valve / solenoid,bank 2 - open circuit / short to earth
P1439	Volkswagen/Audi	EGR Potentiometer Error in Basic Setting
P1440	Volkswagen/Audi	EGR Valve Power Stage Open
P1441	Volkswagen/Audi	EGR Valve Circ Open / Short to Ground
P1442	Volkswagen/Audi	EGR Valve Position Sensor Signal too high
P1443	Volkswagen/Audi	EGR Valve Position Sensor Signal too low
P1444	Volkswagen/Audi	EGR Valve Position Sensor range / performance
P1445	Volkswagen/Audi	Catalyst Temp. Sensor 2 Circ. Range / Performance
P1446	Volkswagen/Audi	Catalyst Temp. Circ Short to Ground

P1447	Volkswagen/Audi	Catalyst Temp. Circ Open / Short to B +
P1448	Volkswagen/Audi	Catalyst Temp. Sensor 2 Circ. Short to Ground
P1449	Volkswagen/Audi	Catalyst Temp. Sensor 2 Circ. Open / Short to B +
P1450	Volkswagen/Audi	Sec. Air Inj. Sys. Circ Short to B +
P1451	Volkswagen/Audi	Sec. Air Inj. Sys. Circ Short to Ground
P1452	Volkswagen/Audi	Sec. Air Inj. Sys. Open Circ.
P1453	Volkswagen/Audi	Exhaust gas temperature sensor 1 open / short to B +
P1454	Volkswagen/Audi	Exhaust gas temperature sensor short 1 to ground
P1455	Volkswagen/Audi	Exhaust gas temperature sensor 1 range / performance
P1456	Volkswagen/Audi	Exhaust gas temperature control bank 1 limit attained
P1457	Volkswagen/Audi	Exhaust gas temperature sensor 2 open / short to B +
P1458	Volkswagen/Audi	Exhaust gas temperature sensor 2 short to ground
P1459	Volkswagen/Audi	Exhaust gas temperature sensor 2 range / performance
P1460	Volkswagen/Audi	Exhaust gas temperature control bank 2 limit attained
P1461	Volkswagen/Audi	Exhaust gas temperature control bank 1 Range / Performance
P1462	Volkswagen/Audi	Exhaust gas temperature control bank 2 Range / Performance
P1465	Volkswagen/Audi	Additive Pump Short Circuit to B +
P1466	Volkswagen/Audi	Additive Pump Open / Short to Ground
P1467	Volkswagen/Audi	EVAP Canister Purge Solenoid Valve Short Circuit to B +
P1468	Volkswagen/Audi	EVAP Canister Purge Solenoid Valve Short Circuit to Ground
P1469	Volkswagen/Audi	EVAP Canister Purge Solenoid Valve Open Circuit
P1470	Volkswagen/Audi	EVAP Emission Contr. LDP Circ Electrical Malfunction
P1471	Volkswagen/Audi	EVAP Emission Contr. LDP Circ Short to B +
P1472	Volkswagen/Audi	EVAP Emission Contr. LDP Circ Short to Ground
P1473	Volkswagen/Audi	EVAP Emission Contr. LDP Circ Open Circ.
P1474	Volkswagen/Audi	EVAP Canister Purge Solenoid Valve electrical malfunction
P1475	Volkswagen/Audi	EVAP Emission Contr. LDP Circ Malfunction / Signal Circ. Open
P1476	Volkswagen/Audi	EVAP Emission Contr. LDP Circ Malfunction / Insufficient Vacuum
P1477	Volkswagen/Audi	EVAP Emission Contr. LDP Circ Malfunction
P1478	Volkswagen/Audi	EVAP Emission Contr. LDP Circ Clamped Tube Detected
P1479	Volkswagen/Audi	Vacuum system,brakes - mechanical fault
P1500	Volkswagen/Audi	Fuel Pump Relay Circ. Electrical Malfunction
P1501	Volkswagen/Audi	Fuel Pump Relay Circ. Short to Ground
P1502	Volkswagen/Audi	Fuel Pump Relay Circ. Short to B +
P1503	Volkswagen/Audi	Load signal from Alternator Term. DF Range / performance / Incorrect Signal
P1504	Volkswagen/Audi	Intake Air Sys. Bypass Leak Detected
P1505	Volkswagen/Audi	Closed Throttle Pos. Does Not Close / Open Circ
P1506	Volkswagen/Audi	Closed Throttle Pos. Switch Does Not Open / Short to Ground
P1507	Volkswagen/Audi	Idle Sys. Learned Value Lower Limit Attained
P1508	Volkswagen/Audi	Idle Sys. Learned Value Upper Limit Attained
P1509	Volkswagen/Audi	Idle Air Control Circ. Electrical Malfunction
P1510	Volkswagen/Audi	Idle Air Control Circ. Short to B +
P1511	Volkswagen/Audi	Intake Manifold Changeover Valve circuit electrical malfunction
P1512	Volkswagen/Audi	Intake Manifold Changeover Valve circuit Short to B +
P1513	Volkswagen/Audi	Intake Manifold Changeover Valve2 circuit Short to B +
P1514	Volkswagen/Audi	Intake Manifold Changeover Valve2 circuit Short to ground
P1515	Volkswagen/Audi	Intake Manifold Changeover Valve circuit Short to Ground
P1516	Volkswagen/Audi	Intake Manifold Changeover Valve circuit Open
P1517	Volkswagen/Audi	Main Relay Circ. Electrical Malfunction
P1518	Volkswagen/Audi	Main Relay Circ. Short to B +
P1519	Volkswagen/Audi	Intake Camshaft Contr.,Bank1 Malfunction
P1520	Volkswagen/Audi	Intake Manifold Changeover Valve2 circuit Open
P1521	Volkswagen/Audi	Intake Manifold Changeover Valve2 circuit electrical malfunction
P1522	Volkswagen/Audi	Intake Camshaft Contr.,Bank2 Malfunction
P1523	Volkswagen/Audi	Crash Signal from Airbag Control Unit range / performance
P1524	Volkswagen/Audi	Fuel pump relay - open circuit / short to earth
P1525	Volkswagen/Audi	Intake Camshaft Contr. Circ.,Bank1 Electrical Malfunction
P1526	Volkswagen/Audi	Intake Camshaft Contr. Circ.,Bank1 Short to B +
P1527	Volkswagen/Audi	Intake Camshaft Contr. Circ.,Bank1 Short to Ground
P1528	Volkswagen/Audi	Intake Camshaft Contr. Circ.,Bank1 Open
P1529	Volkswagen/Audi	Camshaft Control Circuit Short to B +
P1530	Volkswagen/Audi	Camshaft Control Circuit Short to ground
P1531	Volkswagen/Audi	Camshaft Control Circuit open
P1532	Volkswagen/Audi	Idle control - lean running speed below specification
P1533	Volkswagen/Audi	Intake Camshaft Contr. Circ.,Bank2 Electrical Malfunction
P1534	Volkswagen/Audi	Intake Camshaft Contr. Circ.,Bank2 Short to B +
P1535	Volkswagen/Audi	Intake Camshaft Contr. Circ.,Bank2 Short to Ground
P1536	Volkswagen/Audi	Intake Camshaft Contr. Circ.,Bank2 Open
P1537	Volkswagen/Audi	Engine Shutoff Solenoid Malfunction
P1538	Volkswagen/Audi	Engine Shutoff Solenoid Open / Short to Ground
P1539	Volkswagen/Audi	Clutch Vacuum Vent Valve Switch Incorrect signal
P1540	Volkswagen/Audi	Vehicle Speed Sensor High Input
P1541	Volkswagen/Audi	Fuel Pump Relay Circ Open
P1542	Volkswagen/Audi	Throttle Actuation Potentiometer Range / Performance
P1543	Volkswagen/Audi	Throttle Actuation Potentiometer Signal too Low
P1544	Volkswagen/Audi	Throttle Actuation Potentiometer Signal too High
P1545	Volkswagen/Audi	Throttle Pos. Contr Malfunction
P1546	Volkswagen/Audi	Boost Pressure Contr. Valve Short to B +

P1547	Volkswagen/Audi	Boost Pressure Contr. Valve Short to Ground
P1548	Volkswagen/Audi	Boost Pressure Contr. Valve Open
P1549	Volkswagen/Audi	Boost Pressure Contr. Valve Short to Ground
P1550	Volkswagen/Audi	Charge Pressure Deviation
P1551	Volkswagen/Audi	Barometric Pressure Sensor Circ. Short to B +
P1552	Volkswagen/Audi	Barometric Pressure Sensor Circ. Open / Short to Ground
P1553	Volkswagen/Audi	Barometric / manifold pressure signal ratio out of range
P1554	Volkswagen/Audi	Idle Speed Contr. Throttle Pos. Basic Setting Conditions not met
P1555	Volkswagen/Audi	Charge Pressure Upper Limit exceeded
P1556	Volkswagen/Audi	Charge Pressure Contr. Negative Deviation
P1557	Volkswagen/Audi	Charge Pressure Contr. Positive Deviation
P1558	Volkswagen/Audi	Throttle Actuator Electrical Malfunction
P1559	Volkswagen/Audi	Idle Speed Contr. Throttle Pos. Adaptation Malfunction
P1560	Volkswagen/Audi	Maximum Engine Speed Exceeded
P1561	Volkswagen/Audi	Quantity Adjuster Deviation
P1562	Volkswagen/Audi	Quantity Adjuster Upper Limit Attained
P1563	Volkswagen/Audi	Quantity Adjuster Lower Limit Attained
P1564	Volkswagen/Audi	Idle Speed Contr. Throttle Pos. Low Voltage During Adaptation
P1565	Volkswagen/Audi	Idle Speed Control Throttle Position lower limit not attained
P1566	Volkswagen/Audi	Load signal from A/C compressor range / performance
P1567	Volkswagen/Audi	Load signal from A/C compressor no signal
P1568	Volkswagen/Audi	Idle Speed Contr. Throttle Pos. mechanical Malfunction
P1569	Volkswagen/Audi	Cruise control switch Incorrect signal
P1570	Volkswagen/Audi	Contr. Module Locked
P1571	Volkswagen/Audi	Left Eng. Mount Solenoid Valve Short to B +
P1572	Volkswagen/Audi	Left Eng. Mount Solenoid Valve Short to ground
P1573	Volkswagen/Audi	Left Eng. Mount Solenoid Valve Open circuit
P1574	Volkswagen/Audi	Left Eng. Mount Solenoid Valve Electrical fault in circuit
P1575	Volkswagen/Audi	Right Eng. Mount Solenoid Valve Short to B +
P1576	Volkswagen/Audi	Right Eng. Mount Solenoid Valve Short to ground
P1577	Volkswagen/Audi	Right Eng. Mount Solenoid Valve Open circuit
P1578	Volkswagen/Audi	Right Eng. Mount Solenoid Valve Electrical fault in circuit
P1579	Volkswagen/Audi	Idle Speed Contr. Throttle Pos. Adaptation not started
P1580	Volkswagen/Audi	Throttle Actuator B1 Malfunction
P1581	Volkswagen/Audi	Idle Speed Contr. Throttle Pos. Basic Setting Not Carried Out
P1582	Volkswagen/Audi	Idle Adaptation at Limit
P1583	Volkswagen/Audi	Transmission mount valves Short to B +
P1584	Volkswagen/Audi	Transmission mount valves Short to ground
P1585	Volkswagen/Audi	Transmission mount valves Open circuit
P1586	Volkswagen/Audi	Engine mount solenoid valves Short to B +
P1587	Volkswagen/Audi	Engine mount solenoid valves Short to ground
P1588	Volkswagen/Audi	Engine mount solenoid valves Open circuit
P1589	Volkswagen/Audi	AC / heater air temperature control switch - short to earth
P1590	Volkswagen/Audi	AC / heater air temperature control switch - open circuit
P1592	Volkswagen/Audi	Barometric pressure (BARO) sensor / manifold absolute pressure (MAP) sensor - implausible ratio
P1593	Volkswagen/Audi	Altitude adaption - signal outside tolerance
P1599	Volkswagen/Audi	Idle control - lean running speed above specification
P1600	Volkswagen/Audi	Power Supply (B+) Terminal 15 Low Voltage
P1601	Volkswagen/Audi	Engine control module (ECM) - supply voltage
P1602	Volkswagen/Audi	Power Supply (B+) Terminal 30 Low Voltage
P1603	Volkswagen/Audi	Internal Control Module Malfunction
P1604	Volkswagen/Audi	Internal Control Module Driver Error
P1605	Volkswagen/Audi	Rough Road / Acceleration Sensor Electrical Malfunction
P1606	Volkswagen/Audi	Rough Road Spec Engine Torque ABS - ECU Electrical Malfunction
P1607	Volkswagen/Audi	Vehicle speed signal Error message from instrument cluster
P1608	Volkswagen/Audi	Steering angle signal Error message from steering angle sensor
P1609	Volkswagen/Audi	Crash shut - down activated
P1610	Volkswagen/Audi	Engine control module (ECM) - defective
P1611	Volkswagen/Audi	MIL Call - up Circ. / Transm. Contr. Module Short to Ground
P1612	Volkswagen/Audi	Electronic Control Module Incorrect Coding
P1613	Volkswagen/Audi	MIL Call - up Circ Open / Short to B +
P1614	Volkswagen/Audi	MIL Call - up Circ. / Transm. Contr. Module Range / Performance
P1615	Volkswagen/Audi	Engine Oil Temperature Sensor Circuit range / performance
P1616	Volkswagen/Audi	Glow Plug / Heater Indicator Circ. Short to B +
P1617	Volkswagen/Audi	Glow Plug / Heater Indicator Circ. Open / Short to Ground
P1618	Volkswagen/Audi	Glow Plug / Heater Relay Circ. Short to B +
P1619	Volkswagen/Audi	Glow Plug / Heater Relay Circ. Open / Short to Ground
P1620	Volkswagen/Audi	Engine coolant temperature signal open / short to B +
P1621	Volkswagen/Audi	Engine coolant temperature signal short to ground
P1622	Volkswagen/Audi	Engine coolant temperature signal range / performance
P1623	Volkswagen/Audi	Data Bus Powertrain No Communication
P1624	Volkswagen/Audi	MIL Request Sign. active
P1625	Volkswagen/Audi	Data - Bus Powertrain Unplausible Message from Transm. Contr.
P1626	Volkswagen/Audi	Data - Bus Powertrain Missing Message from Transm. Contr.
P1627	Volkswagen/Audi	Data - Bus Powertrain missing message from fuel injection pump
P1628	Volkswagen/Audi	Data - Bus Powertrain missing message from steering sensor
P1629	Volkswagen/Audi	Data - Bus Powertrain missing message from distance control
P1630	Volkswagen/Audi	Accelerator Pedal Pos. Sensor 1 Signal too Low

P1631	Volkswagen/Audi	Accelera. Pedal Pos. Sensor 1 Signal too High
P1632	Volkswagen/Audi	Accelera. Pedal Pos. Sensor 1 Power Supply Malfunction
P1633	Volkswagen/Audi	Accelera. Pedal Pos. Sensor 2 Signal too Low
P1634	Volkswagen/Audi	Accelera. Pedal Pos. Sensor 2 Signal too High
P1635	Volkswagen/Audi	Data Bus Powertrain missing message f. air condition control
P1636	Volkswagen/Audi	Data Bus Powertrain missing message from Airbag control
P1637	Volkswagen/Audi	Data Bus Powertrain missing message f. central electr. control
P1638	Volkswagen/Audi	Data Bus Powertrain missing message from clutch control
P1639	Volkswagen/Audi	Accelera. Pedal Pos. Sensor 1 + 2 Range / Performance
P1640	Volkswagen/Audi	Internal Contr. Module (EEPROM) Error
P1641	Volkswagen/Audi	Please check DTC Memory of Air Condition ECU
P1642	Volkswagen/Audi	Please check DTC Memory of Airbag ECU
P1643	Volkswagen/Audi	Please check DTC Memory of central electric ECU
P1644	Volkswagen/Audi	Please check DTC Memory of clutch ECU
P1645	Volkswagen/Audi	Data Bus Powertrain missing message f. all wheel drive contr.
P1646	Volkswagen/Audi	Please Check DTC Memory of all wheel drive ECU
P1647	Volkswagen/Audi	Please check coding of ECUs in Data Bus Powertrain
P1648	Volkswagen/Audi	Data Bus Powertrain Malfunction
P1649	Volkswagen/Audi	Data Bus Powertrain Missing message from ABS Control Module
P1650	Volkswagen/Audi	Data Bus Powertrain Missing message fr. instrument panel ECU
P1651	Volkswagen/Audi	Data Bus Powertrain missing messages
P1652	Volkswagen/Audi	Please check DTC Memory of transmission ECU
P1653	Volkswagen/Audi	Please check DTC Memory of ABS Control Module
P1654	Volkswagen/Audi	Please check DTC Memory of control panel ECU
P1655	Volkswagen/Audi	Please check DTC Memory of ADR Control Module
P1656	Volkswagen/Audi	A/C clutch relay circuit short to ground
P1657	Volkswagen/Audi	A/C clutch relay circuit short to B +
P1658	Volkswagen/Audi	Data Bus Powertrain Incorrect signal from ADR Control Module
P1659	Volkswagen/Audi	Engine coolant blower motor,speed 1 - short to positive
P1660	Volkswagen/Audi	Engine coolant blower motor,speed 1 - short to earth
P1661	Volkswagen/Audi	Engine coolant blower motor,speed 2 - short to positive
P1662	Volkswagen/Audi	Engine coolant blower motor,speed 2 - short to earth
P1663	Volkswagen/Audi	Injector,activation - short to positive
P1664	Volkswagen/Audi	Injector,activation - current circuit
P1665	Volkswagen/Audi	Injector - mechanical fault
P1666	Volkswagen/Audi	Injector 1 - current circuit
P1667	Volkswagen/Audi	Injector 2 - current circuit
P1668	Volkswagen/Audi	Injector 3 - current circuit
P1669	Volkswagen/Audi	Injector 4 - current circuit
P1672	Volkswagen/Audi	Engine coolant blower motor,speed 1 - open circuit short to earth
P1674	Volkswagen/Audi	CAN data bus,instrumentation - incorrect signal
P1676	Volkswagen/Audi	Drive by Wire - MIL Circ. Electrical Malfunction
P1677	Volkswagen/Audi	Drive by Wire - MIL Circ. Short to B +
P1678	Volkswagen/Audi	Drive by Wire - MIL Circ. Short to Ground
P1679	Volkswagen/Audi	Drive by Wire - MIL Circ. Open
P1680	Volkswagen/Audi	Limp - home mode - active
P1681	Volkswagen/Audi	Contr. Unit Programming,Programming not Finished
P1682	Volkswagen/Audi	CAN data bus,ABS - implausible signal
P1683	Volkswagen/Audi	CAN data bus,SRS - implausible signal
P1684	Volkswagen/Audi	Contr. Unit Programming Communication Error
P1686	Volkswagen/Audi	Contr. Unit Error Programming Error
P1690	Volkswagen/Audi	Malfunction Indication Light Malfunction
P1691	Volkswagen/Audi	Malfunction Indication Light Open
P1692	Volkswagen/Audi	Malfunction Indication Light Short to Ground
P1693	Volkswagen/Audi	Malfunction Indication Light Short to B +
P1694	Volkswagen/Audi	Malfunction Indication Light Open / Short to Ground
P1696	Volkswagen/Audi	CAN data bus,steering column electronics - incorrect signal
P1704	Volkswagen/Audi	Kick Down Switch Malfunction
P1705	Volkswagen/Audi	Gear / Ratio Monitoring Adaptation limit reached
P1711	Volkswagen/Audi	Wheel Speed Signal 1 Range / Performance
P1716	Volkswagen/Audi	Wheel Speed Signal 2 Range / Performance
P1721	Volkswagen/Audi	Wheel Speed Signal 3 Range / Performance
P1723	Volkswagen/Audi	Starter Interlock Circ. Open
P1724	Volkswagen/Audi	Starter Interlock Circ. Short to Ground
P1726	Volkswagen/Audi	Wheel Speed Signal 4 Range / Performance
P1728	Volkswagen/Audi	Different Wheel Speed Signals Range / Performance
P1729	Volkswagen/Audi	Starter Interlock Circ. Short to B +
P1730	Volkswagen/Audi	Tiptronic switch - short to earth
P1733	Volkswagen/Audi	Tiptronic Switch Down Circ. Short to Ground
P1739	Volkswagen/Audi	Tiptronic Switch up Circ. Short to Ground
P1740	Volkswagen/Audi	Clutch temperature control
P1741	Volkswagen/Audi	Clutch pressure adaptation at limit
P1742	Volkswagen/Audi	Clutch torque adaptation at limit
P1743	Volkswagen/Audi	Clutch slip control signal too high
P1744	Volkswagen/Audi	Tiptronic Switch Recognition Circ. Short to Ground
P1745	Volkswagen/Audi	Solenoid valves,supply voltage Short to B +
P1746	Volkswagen/Audi	Transm. Contr. Unit Relay Malfunction
P1747	Volkswagen/Audi	Transm. Contr. Unit Relay Open / Short to Ground

P1748	Volkswagen/Audi	Transm. Contr. Unit Self - Check
P1749	Volkswagen/Audi	Transm. Contr. Unit Incorrect Coded
P1750	Volkswagen/Audi	Power Supply Voltage Low Voltage
P1751	Volkswagen/Audi	Power Supply Voltage High Voltage
P1752	Volkswagen/Audi	Power Supply Malfunction
P1760	Volkswagen/Audi	Shift Lock Malfunction
P1761	Volkswagen/Audi	Shift Lock Short to Ground
P1762	Volkswagen/Audi	Shift Lock Short to B +
P1763	Volkswagen/Audi	Shift Lock Open
P1764	Volkswagen/Audi	Transmission temperature control
P1765	Volkswagen/Audi	Hydraulic Pressure Sensor 2 adaptation at limit
P1766	Volkswagen/Audi	Throttle Angle Signal Stuck Off
P1767	Volkswagen/Audi	Throttle Angle Signal Stuck On
P1768	Volkswagen/Audi	Hydraulic Pressure Sensor 2 Too High
P1769	Volkswagen/Audi	Hydraulic Pressure Sensor 2 Too Low
P1770	Volkswagen/Audi	Load Signal Range / Performance
P1771	Volkswagen/Audi	Load Signal Stuck Off
P1772	Volkswagen/Audi	Load Signal Stuck On
P1773	Volkswagen/Audi	Hydraulic Pressure Sensor 1 Too High
P1774	Volkswagen/Audi	Hydraulic Pressure Sensor 1 Too Low
P1775	Volkswagen/Audi	Hydraulic Pressure Sensor 1 adaptation at limit
P1776	Volkswagen/Audi	Hydraulic Pressure Sensor 1 range / performance
P1777	Volkswagen/Audi	Hydraulic Pressure Sensor 2 range / performance
P1778	Volkswagen/Audi	Solenoid EV7 Electrical Malfunction
P1781	Volkswagen/Audi	Engine Torque Reduction Open / Short to Ground
P1782	Volkswagen/Audi	Engine Torque Reduction Short to B +
P1784	Volkswagen/Audi	Shift up / down Wire Open / Short to Ground
P1785	Volkswagen/Audi	Shift up / down Wire Short to B +
P1786	Volkswagen/Audi	Reversing Light Circ. Open
P1787	Volkswagen/Audi	Reversing Light Circ. Short to Ground
P1788	Volkswagen/Audi	Reversing Light Circ. Short to B +
P1789	Volkswagen/Audi	Idle Speed Intervention Circ. Error Message from Engine Contr.
P1790	Volkswagen/Audi	Transmission Range Display Circ. Open
P1791	Volkswagen/Audi	Transmission Range Display Circ. Short to Ground
P1792	Volkswagen/Audi	Transmission Range Display Circ. Short to B +
P1793	Volkswagen/Audi	Output Speed Sensor 2 Circ. No Signal
P1795	Volkswagen/Audi	Vehicle Speed Signal Circ. Open
P1796	Volkswagen/Audi	Vehicle Speed Signal Circ. Short to Ground
P1797	Volkswagen/Audi	Vehicle Speed Signal Circ. Short to B +
P1798	Volkswagen/Audi	Output Speed Sensor 2 Circ. Range / Performance
P1799	Volkswagen/Audi	Output Speed Sensor 2 Circ. Rpm too High
P1813	Volkswagen/Audi	Pressure Contr. Solenoid 1 Electrical
P1814	Volkswagen/Audi	Pressure Contr. Solenoid 1 Open / Short to Ground
P1815	Volkswagen/Audi	Pressure Contr. Solenoid 1 Short to B +
P1818	Volkswagen/Audi	Pressure Contr. Solenoid 2 Electrical
P1819	Volkswagen/Audi	Pressure Contr. Solenoid 2 Open / Short to Ground
P1820	Volkswagen/Audi	Pressure Contr. Solenoid 2 Short to B +
P1823	Volkswagen/Audi	Pressure Contr. Solenoid 3 Electrical
P1824	Volkswagen/Audi	Pressure Contr. Solenoid 3 Open / Short to Ground
P1825	Volkswagen/Audi	Pressure Contr. Solenoid 3 Short to B +
P1828	Volkswagen/Audi	Pressure Contr. Solenoid 4 Electrical
P1829	Volkswagen/Audi	Pressure Contr. Solenoid 4 Open / Short to Ground
P1830	Volkswagen/Audi	Pressure Contr. Solenoid 4 Short to B +
P1834	Volkswagen/Audi	Pressure Contr. Solenoid 5 Open / Short to Ground
P1835	Volkswagen/Audi	Pressure Contr. Solenoid 5 Short to B +
P1841	Volkswagen/Audi	Engine / Transmission Control Modules Versions do not match
P1842	Volkswagen/Audi	Please check DTC Memory of instrument panel ECU
P1843	Volkswagen/Audi	Please check DTC Memory of ADR Control Module
P1844	Volkswagen/Audi	Please check DTC Memory of central electric control ECU
P1847	Volkswagen/Audi	Please check DTC Memory of brake system ECU
P1848	Volkswagen/Audi	Please check DTC Memory of engine ECU
P1849	Volkswagen/Audi	Please check DTC Memory of transmission ECU
P1850	Volkswagen/Audi	Data - Bus Powertrain Missing Message from Engine Contr.
P1851	Volkswagen/Audi	Data - Bus Powertrain Missing Message from Brake Contr.
P1852	Volkswagen/Audi	Data - Bus Powertrain Unplausible Message from Engine Contr.
P1853	Volkswagen/Audi	Data - Bus Powertrain Unplausible Message from Brake Contr.
P1854	Volkswagen/Audi	Data - Bus Powertrain Hardware Defective
P1855	Volkswagen/Audi	Data - Bus Powertrain Software version Contr.
P1856	Volkswagen/Audi	Throttle / Pedal Pos. Sensor A Circ. Error Message from Engine Contr.
P1857	Volkswagen/Audi	Load Signal Error Message from Engine Contr.
P1858	Volkswagen/Audi	Engine Speed Input Circ. Error Message from Engine Contr.
P1859	Volkswagen/Audi	Brake Switch Circ. Error Message from Engine Contr.
P1860	Volkswagen/Audi	Kick Down Switch Error Message from Engine Contr.
P1861	Volkswagen/Audi	Throttle Position (TP) sensor Error Message from ECM
P1862	Volkswagen/Audi	Data Bus Powertrain Missing message from instr. panel ECU
P1863	Volkswagen/Audi	Data Bus Powertrain Missing Message from St. Angle Sensor
P1864	Volkswagen/Audi	Data Bus Powertrain Missing message from ADR control module
P1865	Volkswagen/Audi	Data Bus Powertrain Missing message from central electronics

P1866	Volkswagen/Audi	Data Bus Powertrain Missing messages
P1900	Volkswagen/Audi	Engine coolant blower motor,speed 2 - open circuit short to earth
P1901	Volkswagen/Audi	Engine coolant blower motor run - on relay - short to positive
P1902	Volkswagen/Audi	Engine coolant blower motor run - on relay - open circuit / short to earth
P1903	Volkswagen/Audi	Engine coolant hydraulic blower motor solenoid - short to positive
P1904	Volkswagen/Audi	Engine coolant hydraulic blower motor solenoid - open circuit / short to earth
P1905	Volkswagen/Audi	Charge air coolant pump relay - short to positive
P1906	Volkswagen/Audi	Charge air coolant pump relay - open circuit / short to earth
P1907	Volkswagen/Audi	Data bus,ECM 1/2 - defective
P1908	Volkswagen/Audi	Data bus,ECM 1/2 - software version monitoring
P1909	Volkswagen/Audi	Data bus,ECM 1/2 - no signal from ECM 1
P1910	Volkswagen/Audi	Data bus,ECM 1/2 - no signal from ECM 2
P1911	Volkswagen/Audi	Data bus,ECM 1/2 - circuit malfunction
P1912	Volkswagen/Audi	Brake servo pressure sensor - open circuit / short to positive
P1913	Volkswagen/Audi	Brake servo pressure sensor - short to earth
P1914	Volkswagen/Audi	Brake servo pressure sensor - range / performance problem
P1920	Volkswagen/Audi	Engine mounting control solenoid banks 1 & 2 - open circuit / short to earth
P1923	Volkswagen/Audi	Engine control module (ECM) 2 - malfunction
P3000	Volkswagen/Audi	CAN data bus,instrumentation - glow plug warning lamp
P3002	Volkswagen/Audi	Accelerator pedal position (APP) sensor - transmission kick - down switch
P3003	Volkswagen/Audi	Engine coolant heater relay 1,low output
P3005	Volkswagen/Audi	Engine coolant heater relay 2,high output
P3007	Volkswagen/Audi	Camshaft position (CMP) sensor - no signal
P3008	Volkswagen/Audi	Camshaft position (CMP) sensor - signal limit exceeded
P3009	Volkswagen/Audi	Fuel cooling pump relay - short to positive
P3010	Volkswagen/Audi	Fuel cooling pump relay - open circuit / short to earth
P3011	Volkswagen/Audi	Fuel pump relay - short to positive
P3012	Volkswagen/Audi	Fuel pump relay - open circuit / short to earth
P3013	Volkswagen/Audi	Turbocharger (TC) wastegate regulating valve B - short to positive
P3014	Volkswagen/Audi	Turbocharger (TC) wastegate regulating valve B - open circuit / short to earth
P3015	Volkswagen/Audi	Fuel bypass valve - short to positive
P3016	Volkswagen/Audi	Fuel bypass valve - open circuit / short to earth
P3040	Volkswagen/Audi	Gear ratio - implausible
P3041	Volkswagen/Audi	CAN data bus,instrumentation - implausible ECT signal
P3104	Volkswagen/Audi	Intake manifold air control solenoid - short to positive
P3105	Volkswagen/Audi	Intake manifold air control solenoid - open circuit / short to earth
P3262	Volkswagen/Audi	Heated oxygen sensor (HO2S) 2,banks 1 & 2 - interchanged
P1101	Volvo	O2 Sensor Circ.,Bank1 - Sensor1 Voltage too Low/Air Leak
P1102	Volvo	O2 Sensor Heating Circ.,Bank1 - Sensor1 Short to B +
P1103	Volvo	O2 Sensor Heating Circ.,Bank1 - Sensor1 Output too Low
P1104	Volvo	Bank1 - Sensor2 Voltage too Low/Air Leak
P1105	Volvo	O2 Sensor Heating Circ.,Bank1 - Sensor2 Short to B +
P1106	Volvo	O2 Sensor Circ.,Bank2 - Sensor1 Voltage too Low/Air Leak
P1107	Volvo	O2 Sensor Heating Circ.,Bank2 - Sensor1 Short to B +
P1108	Volvo	O2 Sensor Heating Circ.,Bank2 - Sensor1 Output too Low
P1109	Volvo	O2 Sensor Circ.,Bank2 - Sensor2 Voltage too Low/Air Leak
P1110	Volvo	O2 Sensor Heating Circ.,Bank2 - Sensor2 Short to B +
P1111	Volvo	O2 Control (Bank 1) System too lean
P1112	Volvo	O2 Control (Bank 1) System too rich
P1113	Volvo	Bank1 - Sensor1 Internal Resistance too High
P1114	Volvo	Bank1 - Sensor2 Internal Resistant too High
P1115	Volvo	O2 Sensor Heater Circ.,Bank1 - Sensor1 Short to Ground
P1116	Volvo	O2 Sensor Heater Circ.,Bank1 - Sensor1 Open
P1117	Volvo	O2 Sensor Heater Circ.,Bank1 - Sensor2 Short to Ground
P1118	Volvo	O2 Sensor Heater Circ.,Bank1 - Sensor2 Open
P1119	Volvo	O2 Sensor Heater Circ.,Bank2 - Sensor1 Short to Ground
P1120	Volvo	O2 Sensor Heater Circ.,Bank2 - Sensor1 Open
P1121	Volvo	O2 Sensor Heater Circ.,Bank2 - Sensor2 Short to Ground
P1122	Volvo	O2 Sensor Heater Circ.,Bank2 - Sensor2 Open
P1123	Volvo	Long Term Fuel Trim Add. Air.,Bank1 System too Rich
P1124	Volvo	Long Term Fuel Trim Add. Air.,Bank1 System too Lean
P1125	Volvo	Long Term Fuel Trim Add. Air.,Bank2 System too Rich
P1126	Volvo	Long Term Fuel Trim Add. Air.,Bank2 System too Lean
P1127	Volvo	Long Term Fuel Trim mult.,Bank1 System too Rich
P1128	Volvo	Long Term Fuel Trim mult.,Bank1 System too Lean
P1129	Volvo	Long Term Fuel Trim mult.,Bank2 System too Rich
P1130	Volvo	Long Term Fuel Trim mult.,Bank2 System too Lean
P1131	Volvo	Bank2 - Sensor1 Internal Resistance too High
P1132	Volvo	O2 Sensor Heating Circ.,Bank1 + 2 - Sensor1 Short to B +
P1133	Volvo	O2 Sensor Heating Circ.,Bank1 + 2 - Sensor1 Electrical Malfunction
P1134	Volvo	O2 Sensor Heating Circ.,Bank1 + 2 - Sensor2 Short to B +
P1135	Volvo	O2 Sensor Heating Circ.,Bank1 + 2 - Sensor2 Electrical Malfunction
P1136	Volvo	Long Term Fuel Trim Add. Fuel,Bank1 System too Lean
P1137	Volvo	Long Term Fuel Trim Add. Fuel,Bank1 System too Rich
P1138	Volvo	Long Term Fuel Trim Add. Fuel,Bank2 System too Lean
P1139	Volvo	Long Term Fuel Trim Add. Fuel,Bank2 System too Rich
P1140	Volvo	Bank2 - Sensor2 Internal Resistance too High
P1141	Volvo	Load Calculation Cross Check Range / Performance

P1142	Volvo	Load Calculation Cross Check Lower Limit Exceeded
P1143	Volvo	Load Calculation Cross Check Upper Limit Exceeded
P1144	Volvo	Mass or Volume Air Flow Circ Open / Short to Ground
P1145	Volvo	Mass or Volume Air Flow Circ Short to B +
P1146	Volvo	Mass or Volume Air Flow Circ Supply Malfunction
P1147	Volvo	O2 Control (Bank 2) System too lean
P1148	Volvo	O2 Control (Bank 2) System too rich
P1149	Volvo	O2 Control (Bank 1) Out of range
P1150	Volvo	O2 Control (Bank 2) Out of range
P1151	Volvo	Bank1,Long Term Fuel Trim,Range 1 Leanness Lower Limit Exceeded
P1152	Volvo	Bank1,Long Term Fuel Trim,Range 2 Leanness Lower Limit Exceeded
P1154	Volvo	Manifold Switch Over Malfunction
P1155	Volvo	Manifold Abs. Pressure Sensor Circ. Short to B +
P1156	Volvo	Manifold Abs. Pressure Sensor Circ. Open / Short to Ground
P1157	Volvo	Manifold Abs. Pressure Sensor Circ. Power Supply Malfunction
P1158	Volvo	Manifold Abs. Pressure Sensor Circ. Range / Performance
P1160	Volvo	Manifold Temp. Sensor Circ. Short to Ground
P1161	Volvo	Manifold Temp. Sensor Circ. Open / Short to B +
P1162	Volvo	Fuel Temp. Sensor Circ. Short to Ground
P1163	Volvo	Fuel Temp. Sensor Circ. Open / Short to B +
P1164	Volvo	Fuel Temperature Sensor Range / Performance / Incorrect Signal
P1165	Volvo	Bank1,Long Term Fuel Trim,Range 1 Rich Limit Exceeded
P1166	Volvo	Bank1,Long Term Fuel Trim,Range 2 Rich Limit Exceeded
P1171	Volvo	Throttle Actuation Potentiometer Sign.2 Range / Performance
P1172	Volvo	Throttle Actuation Potentiometer Sign.2 Signal too Low
P1173	Volvo	Throttle Actuation Potentiometer Sign.2 Signal too High
P1174	Volvo	Fuel Trim,Bank 1 Different injection times
P1176	Volvo	O2 Correction Behind Catalyst,B1 Limit Attained
P1177	Volvo	O2 Correction Behind Catalyst,B2 Limit Attained
P1178	Volvo	Linear O2 Sensor / Pump Current Open Circuit
P1179	Volvo	Linear O2 Sensor / Pump Current Short to ground
P1180	Volvo	Linear O2 Sensor / Pump Current Short to B +
P1181	Volvo	Linear O2 Sensor / Reference Voltage Open Circuit
P1182	Volvo	Linear O2 Sensor / Reference Voltage Short to ground
P1183	Volvo	Linear O2 Sensor / Reference Voltage Short to B +
P1184	Volvo	Linear O2 Sensor / Common Ground Wire Open Circuit
P1185	Volvo	Linear O2 Sensor / Common Ground Wire Short to ground
P1186	Volvo	Linear O2 Sensor / Common Ground Wire Short to B +
P1187	Volvo	Linear O2 Sensor / Compens. Resistor Open Circuit
P1188	Volvo	Linear O2 Sensor / Compens. Resistor Short to ground
P1189	Volvo	Linear O2 Sensor / Compens. Resistor Short to B +
P1190	Volvo	Linear O2 Sensor / Reference Voltage Incorrect Signal
P1196	Volvo	O2 Sensor Heater Circ.,Bank1 - Sensor1 Electrical Malfunction
P1197	Volvo	O2 Sensor Heater Circ.,Bank2 - Sensor1 Electrical Malfunction
P1198	Volvo	O2 Sensor Heater Circ.,Bank1 - Sensor2 Electrical Malfunction
P1199	Volvo	O2 Sensor Heater Circ.,Bank2 - Sensor2 Electrical Malfunction
P1201	Volvo	Cyl.1 - Fuel Inj. Circ. Electrical Malfunction
P1202	Volvo	Cyl.2 - Fuel Inj. Circ. Electrical Malfunction
P1203	Volvo	Cyl.3 - Fuel Inj. Circ. Electrical Malfunction
P1204	Volvo	Cyl.4 - Fuel Inj. Circ. Electrical Malfunction
P1205	Volvo	Cyl.5 - Fuel Inj. Circ. Electrical Malfunction
P1206	Volvo	Cyl.6 - Fuel Inj. Circ. Electrical Malfunction
P1207	Volvo	Cyl.7 - Fuel Inj. Circ. Electrical Malfunction
P1208	Volvo	Cyl.8 - Fuel Inj. Circ. Electrical Malfunction
P1209	Volvo	Intake valves for cylinder shut - off Short circuit to ground
P1210	Volvo	Intake valves for cylinder shut - off Short to B +
P1211	Volvo	Intake valves for cylinder shut - off Open circuit
P1213	Volvo	Cyl.1 - Fuel Inj. Circ. Short to B +
P1214	Volvo	Cyl.2 - Fuel Inj. Circ. Short to B +
P1215	Volvo	Cyl.3 - Fuel Inj. Circ. Short to B +
P1216	Volvo	Cyl.4 - Fuel Inj. Circ. Short to B +
P1217	Volvo	Cyl.5 - Fuel Inj. Circ. Short to B +
P1218	Volvo	Cyl.6 - Fuel Inj. Circ. Short to B +
P1219	Volvo	Cyl.7 - Fuel Inj. Circ. Short to B +
P1220	Volvo	Cyl.8 - Fuel Inj. Circ. Short to B +
P1221	Volvo	Cylinder shut - off exhaust valves Short circuit to ground
P1222	Volvo	Cylinder shut - off exhaust valves Short to B +
P1223	Volvo	Cylinder shut - off exhaust valves Open circuit
P1225	Volvo	Cyl.1 - Fuel Inj. Circ. Short to Ground
P1226	Volvo	Cyl.2 - Fuel Inj. Circ. Short to Ground
P1227	Volvo	Cyl.3 - Fuel Inj. Circ. Short to Ground
P1228	Volvo	Cyl.4 - Fuel Inj. Circ. Short to Ground
P1229	Volvo	Cyl.5 - Fuel Inj. Circ. Short to Ground
P1230	Volvo	Cyl.6 - Fuel Inj. Circ. Short to Ground
P1231	Volvo	Cyl.7 - Fuel Inj. Circ. Short to Ground
P1232	Volvo	Cyl.8 - Fuel Inj. Circ. Short to Ground
P1237	Volvo	Cyl.1 - Fuel Inj. Circ. Open Circ.
P1238	Volvo	Cyl.2 - Fuel Inj. Circ. Open Circ.

P1239	Volvo	Cyl.3 - Fuel Inj. Circ. Open Circ.
P1240	Volvo	Cyl.4 - Fuel Inj. Circ. Open Circ.
P1241	Volvo	Cyl.5 - Fuel Inj. Circ. Open Circ.
P1242	Volvo	Cyl.6 - Fuel Inj. Circ. Open Circ.
P1243	Volvo	Cyl.7 - Fuel Inj. Circ. Open Circ.
P1244	Volvo	Cyl.8 - Fuel Inj. Circ. Open Circ.
P1245	Volvo	Needle Lift Sensor Circ. Short to Ground
P1246	Volvo	Needle Lift Sensor Circ. Range / Performance
P1247	Volvo	Needle Lift Sensor Circ. Open / Short to B +
P1248	Volvo	Injection Start Control Deviation
P1249	Volvo	Fuel consumption signal Electrical Fault in Circuit
P1250	Volvo	Fuel Level Too Low
P1251	Volvo	Start of Injection Solenoid Circ Short to B +
P1252	Volvo	Start of Injection Solenoid Circ Open / Short to Ground
P1253	Volvo	Fuel consumption signal Short to ground
P1254	Volvo	Fuel consumption signal Short to B +
P1255	Volvo	Engine Coolant Temp. Circ Short to Ground
P1256	Volvo	Engine Coolant Temp. Circ Open / Short to B +
P1257	Volvo	Engine Coolant System Valve Open
P1258	Volvo	Engine Coolant System Valve Short to B +
P1259	Volvo	Engine Coolant System Valve Short to Ground
P1280	Volvo	Fuel Inj. Air Contr. Valve Circ. Flow too Low
P1283	Volvo	Fuel Inj. Air Contr. Valve Circ. Electrical Malfunction
P1284	Volvo	Fuel Inj. Air Contr. Valve Circ. Open
P1285	Volvo	Fuel Inj. Air Contr. Valve Circ. Short to Ground
P1286	Volvo	Fuel Inj. Air Contr. Valve Circ. Short to B +
P1287	Volvo	Turbocharger bypass valve open
P1288	Volvo	Turbocharger bypass valve short to B +
P1289	Volvo	Turbocharger bypass valve short to ground
P1296	Volvo	Cooling system malfunction
P1297	Volvo	Connection turbocharger - throttle valve pressure hose
P1300	Volvo	Misfire detected Reason: Fuel level too low
P1319	Volvo	Knock Sensor 1 Circ. Short to Ground
P1320	Volvo	Knock Sensor 2 Circ. Short to Ground
P1321	Volvo	Knock Sensor 3 Circ. Low Input
P1322	Volvo	Knock Sensor 3 Circ. High Input
P1323	Volvo	Knock Sensor 4 Circ. Low Input
P1324	Volvo	Knock Sensor 4 Circ. High Input
P1325	Volvo	Cyl.1 - Knock Contr. Limit Attained
P1326	Volvo	Cyl.2 - Knock Contr. Limit Attained
P1327	Volvo	Cyl.3 - Knock Contr. Limit Attained
P1328	Volvo	Cyl.4 - Knock Contr. Limit Attained
P1329	Volvo	Cyl.5 - Knock Contr. Limit Attained
P1330	Volvo	Cyl.6 - Knock Contr. Limit Attained
P1331	Volvo	Cyl.7 - Knock Contr. Limit Attained
P1332	Volvo	Cyl.8 - Knock Contr. Limit Attained
P1335	Volvo	Engine Torque Monitoring 2 Control Limint Exceeded
P1336	Volvo	Engine Torque Monitoring Adaptation at limit
P1337	Volvo	Camshaft Pos. Sensor,Bank1 Short to Ground
P1338	Volvo	Camshaft Pos. Sensor,Bank1 Open Circ. / Short to B +
P1339	Volvo	Crankshaft Pos. / Engine Speed Sensor Cross Connected
P1340	Volvo	Crankshaft -/ Camshaft Pos. Sens. Signals Out of Sequence
P1341	Volvo	Ignition Coil Power Output Stage 1 Short to Ground
P1342	Volvo	Ignition Coil Power Output Stage 1 Short to B +
P1343	Volvo	Ignition Coil Power Output Stage 2 Short to Ground
P1344	Volvo	Ignition Coil Power Output Stage 2 Short to B +
P1345	Volvo	Ignition Coil Power Output Stage 3 Short to Ground
P1346	Volvo	Ignition Coil Power Output Stage 3 Short to B +
P1347	Volvo	Bank2,Crankshaft -/ Camshaft os. Sens. Sign. Out of Sequence
P1348	Volvo	Ignition Coil Power Output Stage 1 Open Circuit
P1349	Volvo	Ignition Coil Power Output Stage 2 Open Circuit
P1350	Volvo	Ignition Coil Power Output Stage 3 Open Circuit
P1354	Volvo	Modulation Piston Displ. Sensor Circ. Malfunction
P1355	Volvo	Cyl.1,ignition circuit Open Circuit
P1356	Volvo	Cyl.1,ignition circuit Short to B +
P1357	Volvo	Cyl.1,ignition circuit Short to ground
P1358	Volvo	Cyl.2,ignition circuit Open Circuit
P1359	Volvo	Cyl.2,ignition circuit Short Circuit to B +
P1360	Volvo	Cyl.2,ignition circuit Short Circuit to Ground
P1361	Volvo	Cyl.3,ignition circuit Open Circuit
P1362	Volvo	Cyl.3,ignition circuit Short Circuit to B +
P1363	Volvo	Cyl.3,ignition circuit Short Circuit to ground
P1364	Volvo	Cyl.4,ignition circuit Open Circuit
P1365	Volvo	Cyl.4,ignition circuit Short circuit to B +
P1366	Volvo	Cyl.4,ignition circuit Short circuit to ground
P1367	Volvo	Cyl.5,ignition circuit Open Circuit
P1368	Volvo	Cyl.5,ignition circuit Short Circuit to B +
P1369	Volvo	Cyl.5,ignition circuit short to ground

P1370	Volvo	Cyl.6,ignition circuit Open Circuit
P1371	Volvo	Cyl.6,ignition circuit Short Circuit to B +
P1372	Volvo	Cyl.6,ignition circuit short to ground
P1373	Volvo	Cyl.7,ignition circuit Open Circuit
P1374	Volvo	Cyl.7,ignition circuit Short Circuit to B +
P1375	Volvo	Cyl.7,ignition circuit short to ground
P1376	Volvo	Cyl.8,ignition circuit Open Circuit
P1377	Volvo	Cyl.8,ignition circuit Short Circuit to B +
P1378	Volvo	Cyl.8,ignition circuit short to ground
P1386	Volvo	Internal Control Module Knock Control Circ. Error
P1387	Volvo	Internal Contr. Module altitude sensor error
P1388	Volvo	Internal Contr. Module drive by wire error
P1391	Volvo	Camshaft Pos. Sensor,Bank2 Short to Ground
P1392	Volvo	Camshaft Pos. Sensor,Bank2 Open Circ. / Short to B +
P1393	Volvo	Ignition Coil Power Output Stage 1 Electrical Malfunction
P1394	Volvo	Ignition Coil Power Output Stage 2 Electrical Malfunction
P1395	Volvo	Ignition Coil Power Output Stage 3 Electrical Malfunction
P1396	Volvo	Engine Speed Sensor Missing Tooth
P1397	Volvo	Engine speed wheel Adaptation limit reached
P1398	Volvo	Engine RPM signal,TD Short to ground
P1399	Volvo	Engine RPM signal,TD Short Circuit to B +
P1400	Volvo	EGR Valve Circ Electrical Malfunction
P1401	Volvo	EGR Valve Circ Short to Ground
P1402	Volvo	EGR Valve Circ Short to B +
P1403	Volvo	EGR Flow Deviation
P1404	Volvo	EGR Flow Basic Setting not carried out
P1406	Volvo	EGR Temp. Sensor Range / Performance
P1407	Volvo	EGR Temp. Sensor Signal too Low
P1408	Volvo	EGR Temp. Sensor Signal too High
P1409	Volvo	Tank Ventilation Valve Circ. Electrical Malfunction
P1410	Volvo	Tank Ventilation Valve Circ. Short to B +
P1411	Volvo	Sec. Air Inj. Sys.,Bank2 Flow too Flow
P1412	Volvo	EGR Different. Pressure Sensor Signal too Low
P1413	Volvo	EGR Different. Pressure Sensor Signal too High
P1414	Volvo	Sec. Air Inj. Sys.,Bank2 Leak Detected
P1417	Volvo	Fuel Level Sensor Circ Signal too Low
P1418	Volvo	Fuel Level Sensor Circ Signal too High
P1420	Volvo	Sec. Air Inj. Valve Circ Electrical Malfunction
P1421	Volvo	Sec. Air Inj. Valve Circ Short to Ground
P1422	Volvo	Sec. Air Inj. Sys. Contr. Valve Circ Short to B +
P1423	Volvo	Sec. Air Inj. Sys.,Bank1 Flow too Low
P1424	Volvo	Sec. Air Inj. Sys.,Bank1 Leak Detected
P1425	Volvo	Tank Vent. Valve Short to Ground
P1426	Volvo	Tank Vent. Valve Open
P1432	Volvo	Sec. Air Inj. Valve Open
P1433	Volvo	Sec. Air Inj. Sys. Pump Relay Circ. open
P1434	Volvo	Sec. Air Inj. Sys. Pump Relay Circ. Short to B +
P1435	Volvo	Sec. Air Inj. Sys. Pump Relay Circ. Short to ground
P1436	Volvo	Sec. Air Inj. Sys. Pump Relay Circ. Electrical Malfunction
P1439	Volvo	EGR Potentiometer Error in Basic Setting
P1440	Volvo	EGR Valve Power Stage Open
P1441	Volvo	EGR Valve Circ Open / Short to Ground
P1442	Volvo	EGR Valve Position Sensor Signal too high
P1443	Volvo	EGR Valve Position Sensor Signal too low
P1444	Volvo	EGR Valve Position Sensor range / performance
P1445	Volvo	Catalyst Temp. Sensor 2 Circ. Range / Performance
P1446	Volvo	Catalyst Temp. Circ Short to Ground
P1447	Volvo	Catalyst Temp. Circ Open / Short to B +
P1448	Volvo	Catalyst Temp. Sensor 2 Circ. Short to Ground
P1449	Volvo	Catalyst Temp. Sensor 2 Circ. Open / Short to B +
P1450	Volvo	Sec. Air Inj. Sys. Circ Short to B +
P1451	Volvo	Sec. Air Inj. Sys. Circ Short to Ground
P1452	Volvo	Sec. Air Inj. Sys. Open Circ.
P1453	Volvo	Exhaust gas temperature sensor 1 open / short to B +
P1454	Volvo	Exhaust gas temperature sensor short 1 to ground
P1455	Volvo	Exhaust gas temperature sensor 1 range / performance
P1456	Volvo	Exhaust gas temperature control bank 1 limit attained
P1457	Volvo	Exhaust gas temperature sensor 2 open / short to B +
P1458	Volvo	Exhaust gas temperature sensor 2 short to ground
P1459	Volvo	Exhaust gas temperature sensor 2 range / performance
P1460	Volvo	Exhaust gas temperature control bank 2 limit attained
P1461	Volvo	Exhaust gas temperature control bank 1 Range / Performance
P1462	Volvo	Exhaust gas temperature control bank 2 Range / Performance
P1465	Volvo	Additive Pump Short Circuit to B +
P1466	Volvo	Additive Pump Open / Short to Ground
P1467	Volvo	EVAP Canister Purge Solenoid Valve Short Circuit to B +
P1468	Volvo	EVAP Canister Purge Solenoid Valve Short Circuit to Ground
P1469	Volvo	EVAP Canister Purge Solenoid Valve Open Circuit

P1470	Volvo	EVAP Emission Contr. LDP Circ Electrical Malfunction
P1471	Volvo	EVAP Emission Contr. LDP Circ Short to B +
P1472	Volvo	EVAP Emission Contr. LDP Circ Short to Ground
P1473	Volvo	EVAP Emission Contr. LDP Circ Open Circ.
P1474	Volvo	EVAP Canister Purge Solenoid Valve electrical malfunction
P1475	Volvo	EVAP Emission Contr. LDP Circ Malfunction / Signal Circ. Open
P1476	Volvo	EVAP Emission Contr. LDP Circ Malfunction / Insufficient Vacuum
P1477	Volvo	EVAP Emission Contr. LDP Circ Malfunction
P1478	Volvo	EVAP Emission Contr. LDP Circ Clamped Tube Detected
P1500	Volvo	Fuel Pump Relay Circ. Electrical Malfunction
P1501	Volvo	Fuel Pump Relay Circ. Short to Ground
P1502	Volvo	Fuel Pump Relay Circ. Short to B +
P1503	Volvo	Load signal from Alternator Term. DF Range / performance / Incorrect Signal
P1504	Volvo	Intake Air Sys. Bypass Leak Detected
P1505	Volvo	Closed Throttle Pos. Does Not Close / Open Circ
P1506	Volvo	Closed Throttle Pos. Switch Does Not Open / Short to Ground
P1507	Volvo	Idle Sys. Learned Value Lower Limit Attained
P1508	Volvo	Idle Sys. Learned Value Upper Limit Attained
P1509	Volvo	Idle Air Control Circ. Electrical Malfunction
P1510	Volvo	Idle Air Control Circ. Short to B +
P1511	Volvo	Intake Manifold Changeover Valve circuit electrical malfunction
P1512	Volvo	Intake Manifold Changeover Valve circuit Short to B +
P1513	Volvo	Intake Manifold Changeover Valve2 circuit Short to B +
P1514	Volvo	Intake Manifold Changeover Valve2 circuit Short to ground
P1515	Volvo	Intake Manifold Changeover Valve circuit Short to Ground
P1516	Volvo	Intake Manifold Changeover Valve circuit Open
P1517	Volvo	Main Relay Circ. Electrical Malfunction
P1518	Volvo	Main Relay Circ. Short to B +
P1519	Volvo	Intake Camshaft Contr.,Bank1 Malfunction
P1520	Volvo	Intake Manifold Changeover Valve2 circuit Open
P1521	Volvo	Intake Manifold Changeover Valve2 circuit electrical malfunction
P1522	Volvo	Intake Camshaft Contr.,Bank2 Malfunction
P1523	Volvo	Crash Signal from Airbag Control Unit range / performance
P1525	Volvo	Intake Camshaft Contr. Circ.,Bank1 Electrical Malfunction
P1526	Volvo	Intake Camshaft Contr. Circ.,Bank1 Short to B +
P1527	Volvo	Intake Camshaft Contr. Circ.,Bank1 Short to Ground
P1528	Volvo	Intake Camshaft Contr. Circ.,Bank1 Open
P1529	Volvo	Camshaft Control Circuit Short to B +
P1530	Volvo	Camshaft Control Circuit Short to ground
P1531	Volvo	Camshaft Control Circuit open
P1533	Volvo	Intake Camshaft Contr. Circ.,Bank2 Electrical Malfunction
P1534	Volvo	Intake Camshaft Contr. Circ.,Bank2 Short to B +
P1535	Volvo	Intake Camshaft Contr. Circ.,Bank2 Short to Ground
P1536	Volvo	Intake Camshaft Contr. Circ.,Bank2 Open
P1537	Volvo	Engine Shutoff Solenoid Malfunction
P1538	Volvo	Engine Shutoff Solenoid Open / Short to Ground
P1539	Volvo	Clutch Vacuum Vent Valve Switch Incorrect signal
P1540	Volvo	Vehicle Speed Sensor High Input
P1541	Volvo	Fuel Pump Relay Circ Open
P1542	Volvo	Throttle Actuation Potentiometer Range / Performance
P1543	Volvo	Throttle Actuation Potentiometer Signal too Low
P1544	Volvo	Throttle Actuation Potentiometer Signal too High
P1545	Volvo	Throttle Pos. Contr Malfunction
P1546	Volvo	Boost Pressure Contr. Valve Short to B +
P1547	Volvo	Boost Pressure Contr. Valve Short to Ground
P1548	Volvo	Boost Pressure Contr. Valve Open
P1549	Volvo	Boost Pressure Contr. Valve Short to Ground
P1550	Volvo	Charge Pressure Deviation
P1551	Volvo	Barometric Pressure Sensor Circ. Short to B +
P1552	Volvo	Barometric Pressure Sensor Circ. Open / Short to Ground
P1553	Volvo	Barometric / manifold pressure signal ratio out of range
P1554	Volvo	Idle Speed Contr. Throttle Pos. Basic Setting Conditions not met
P1555	Volvo	Charge Pressure Upper Limit exceeded
P1556	Volvo	Charge Pressure Contr. Negative Deviation
P1557	Volvo	Charge Pressure Contr. Positive Deviation
P1558	Volvo	Throttle Actuator Electrical Malfunction
P1559	Volvo	Idle Speed Contr. Throttle Pos. Adaptation Malfunction
P1560	Volvo	Maximum Engine Speed Exceeded
P1561	Volvo	Quantity Adjuster Deviation
P1562	Volvo	Quantity Adjuster Upper Limit Attained
P1563	Volvo	Quantity Adjuster Lower Limit Attained
P1564	Volvo	Idle Speed Contr. Throttle Pos. Low Voltage During Adaptation
P1565	Volvo	Idle Speed Control Throttle Position lower limit not attained
P1566	Volvo	Load signal from A/C compressor range / performance
P1567	Volvo	Load signal from A/C compressor no signal
P1568	Volvo	Idle Speed Contr. Throttle Pos. mechanical Malfunction
P1569	Volvo	Cruise control switch Incorrect signal
P1570	Volvo	Contr. Module Locked

P1571	Volvo	Left Eng. Mount Solenoid Valve Short to B +
P1572	Volvo	Left Eng. Mount Solenoid Valve Short to ground
P1573	Volvo	Left Eng. Mount Solenoid Valve Open circuit
P1574	Volvo	Left Eng. Mount Solenoid Valve Electrical fault in circuit
P1575	Volvo	Right Eng. Mount Solenoid Valve Short to B +
P1576	Volvo	Right Eng. Mount Solenoid Valve Short to ground
P1577	Volvo	Right Eng. Mount Solenoid Valve Open circuit
P1578	Volvo	Right Eng. Mount Solenoid Valve Electrical fault in circuit
P1579	Volvo	Idle Speed Contr. Throttle Pos. Adaptation not started
P1580	Volvo	Throttle Actuator B1 Malfunction
P1581	Volvo	Idle Speed Contr. Throttle Pos. Basic Setting Not Carried Out
P1582	Volvo	Idle Adaptation at Limit
P1583	Volvo	Transmission mount valves Short to B +
P1584	Volvo	Transmission mount valves Short to ground
P1585	Volvo	Transmission mount valves Open circuit
P1586	Volvo	Engine mount solenoid valves Short to B +
P1587	Volvo	Engine mount solenoid valves Short to ground
P1588	Volvo	Engine mount solenoid valves Open circuit
P1600	Volvo	Power Supply (B+) Terminal 15 Low Voltage
P1602	Volvo	Power Supply (B+) Terminal 30 Low Voltage
P1603	Volvo	Internal Control Module Malfunction
P1604	Volvo	Internal Control Module Driver Error
P1605	Volvo	Rough Road / Acceleration Sensor Electrical Malfunction
P1606	Volvo	Rough Road Spec Engine Torque ABS - ECU Electrical Malfunction
P1607	Volvo	Vehicle speed signal Error message from instrument cluster
P1608	Volvo	Steering angle signal Error message from steering angle sensor
P1609	Volvo	Crash shut - down activated
P1611	Volvo	MIL Call - up Circ. / Transm. Contr. Module Short to Ground
P1612	Volvo	Electronic Control Module Incorrect Coding
P1613	Volvo	MIL Call - up Circ Open / Short to B +
P1614	Volvo	MIL Call - up Circ. / Transm. Contr. Module Range / Performance
P1615	Volvo	Engine Oil Temperature Sensor Circuit range / performance
P1616	Volvo	Glow Plug / Heater Indicator Circ. Short to B +
P1617	Volvo	Glow Plug / Heater Indicator Circ. Open / Short to Ground
P1618	Volvo	Glow Plug / Heater Relay Circ. Short to B +
P1619	Volvo	Glow Plug / Heater Relay Circ. Open / Short to Ground
P1620	Volvo	Engine coolant temperature signal open / short to B +
P1621	Volvo	Engine coolant temperature signal short to ground
P1622	Volvo	Engine coolant temperature signal range / performance
P1623	Volvo	Data Bus Powertrain No Communication
P1624	Volvo	MIL Request Sign. active
P1625	Volvo	Data - Bus Powertrain Unplausible Message from Transm. Contr.
P1626	Volvo	Data - Bus Powertrain Missing Message from Transm. Contr.
P1627	Volvo	Data - Bus Powertrain missing message from fuel injection pump
P1628	Volvo	Data - Bus Powertrain missing message from steering sensor
P1629	Volvo	Data - Bus Powertrain missing message from distance control
P1630	Volvo	Accelera. Pedal Pos. Sensor 1 Signal too Low
P1631	Volvo	Accelera. Pedal Pos. Sensor 1 Signal too High
P1632	Volvo	Accelera. Pedal Pos. Sensor 1 Power Supply Malfunction
P1633	Volvo	Accelera. Pedal Pos. Sensor 2 Signal too Low
P1634	Volvo	Accelera. Pedal Pos. Sensor 2 Signal too High
P1635	Volvo	Data Bus Powertrain missing message f. air condition control
P1636	Volvo	Data Bus Powertrain missing message from Airbag control
P1637	Volvo	Data Bus Powertrain missing message f. central electr. control
P1638	Volvo	Data Bus Powertrain missing message from clutch control
P1639	Volvo	Accelera. Pedal Pos. Sensor 1 + 2 Range / Performance
P1640	Volvo	Internal Contr. Module (EEPROM) Error
P1641	Volvo	Please check DTC Memory of Air Condition ECU
P1642	Volvo	Please check DTC Memory of Airbag ECU
P1643	Volvo	Please check DTC Memory of central electric ECU
P1644	Volvo	Please check DTC Memory of clutch ECU
P1645	Volvo	Data Bus Powertrain missing message f. all wheel drive contr.
P1646	Volvo	Please Check DTC Memory of all wheel drive ECU
P1647	Volvo	Please check coding of ECUs in Data Bus Powertrain
P1648	Volvo	Data Bus Powertrain Malfunction
P1649	Volvo	Data Bus Powertrain Missing message from ABS Control Module
P1650	Volvo	Data Bus Powertrain Missing message fr. instrument panel ECU
P1651	Volvo	Data Bus Powertrain missing messages
P1652	Volvo	Please check DTC Memory of transmission ECU
P1653	Volvo	Please check DTC Memory of ABS Control Module
P1654	Volvo	Please check DTC Memory of control panel ECU
P1655	Volvo	Please check DTC Memory of ADR Control Module
P1656	Volvo	A/C clutch relay circuit short to ground
P1657	Volvo	A/C clutch relay circuit short to B +
P1658	Volvo	Data Bus Powertrain Incorrect signal from ADR Control Module
P1676	Volvo	Drive by Wire - MIL Circ. Electrical Malfunction
P1677	Volvo	Drive by Wire - MIL Circ. Short to B +
P1678	Volvo	Drive by Wire - MIL Circ. Short to Ground

P1679	Volvo	Drive by Wire - MIL Circ. Open
P1681	Volvo	Contr. Unit Programming, Programming not Finished
P1684	Volvo	Contr. Unit Programming Communication Error
P1686	Volvo	Contr. Unit Error Programming Error
P1690	Volvo	Malfunction Indication Light Malfunction
P1691	Volvo	Malfunction Indication Light Open
P1692	Volvo	Malfunction Indication Light Short to Ground
P1693	Volvo	Malfunction Indication Light Short to B +
P1694	Volvo	Malfunction Indication Light Open / Short to Ground
P1704	Volvo	Kick Down Switch Malfunction
P1705	Volvo	Gear / Ratio Monitoring Adaptation limit reached
P1711	Volvo	Wheel Speed Signal 1 Range / Performance
P1716	Volvo	Wheel Speed Signal 2 Range / Performance
P1721	Volvo	Wheel Speed Signal 3 Range / Performance
P1723	Volvo	Starter Interlock Circ. Open
P1724	Volvo	Starter Interlock Circ. Short to Ground
P1726	Volvo	Wheel Speed Signal 4 Range / Performance
P1728	Volvo	Different Wheel Speed Signals Range / Performance
P1729	Volvo	Starter Interlock Circ. Short to B +
P1733	Volvo	Tiptronic Switch Down Circ. Short to Ground
P1739	Volvo	Tiptronic Switch up Circ. Short to Ground
P1740	Volvo	Clutch temperature control
P1741	Volvo	Clutch pressure adaptation at limit
P1742	Volvo	Clutch torque adaptation at limit
P1743	Volvo	Clutch slip control signal too high
P1744	Volvo	Tiptronic Switch Recognition Circ. Short to Ground
P1745	Volvo	Transm. Contr. Unit Relay Short to B +
P1746	Volvo	Transm. Contr. Unit Relay Malfunction
P1747	Volvo	Transm. Contr. Unit Relay Open / Short to Ground
P1748	Volvo	Transm. Contr. Unit Self - Check
P1749	Volvo	Transm. Contr. Unit Incorrect Coded
P1750	Volvo	Power Supply Voltage Low Voltage
P1751	Volvo	Power Supply Voltage High Voltage
P1752	Volvo	Power Supply Malfunction
P1760	Volvo	Shift Lock Malfunction
P1761	Volvo	Shift Lock Short to Ground
P1762	Volvo	Shift Lock Short to B +
P1763	Volvo	Shift Lock Open
P1764	Volvo	Transmission temperature control
P1765	Volvo	Hydraulic Pressure Sensor 2 adaptation at limit
P1766	Volvo	Throttle Angle Signal Stuck Off
P1767	Volvo	Throttle Angle Signal Stuck On
P1768	Volvo	Hydraulic Pressure Sensor 2 Too High
P1769	Volvo	Hydraulic Pressure Sensor 2 Too Low
P1770	Volvo	Load Signal Range / Performance
P1771	Volvo	Load Signal Stuck Off
P1772	Volvo	Load Signal Stuck On
P1773	Volvo	Hydraulic Pressure Sensor 1 Too High
P1774	Volvo	Hydraulic Pressure Sensor 1 Too Low
P1775	Volvo	Hydraulic Pressure Sensor 1 adaptation at limit
P1776	Volvo	Hydraulic Pressure Sensor 1 range / performance
P1777	Volvo	Hydraulic Pressure Sensor 2 range / performance
P1778	Volvo	Solenoid EV7 Electrical Malfunction
P1780	Volvo	Engine Intervention Unreadable. Also check for loose ECM power relay.
P1781	Volvo	Engine Torque Reduction Open / Short to Ground
P1782	Volvo	Engine Torque Reduction Short to B +
P1784	Volvo	Shift up / down Wire Open / Short to Ground
P1785	Volvo	Shift up / down Wire Short to B +
P1786	Volvo	Reversing Light Circ. Open
P1787	Volvo	Reversing Light Circ. Short to Ground
P1788	Volvo	Reversing Light Circ. Short to B +
P1789	Volvo	Idle Speed Intervention Circ. Error Message from Engine Contr.
P1790	Volvo	Transmission Range Display Circ. Open
P1791	Volvo	Transmission Range Display Circ. Short to Ground
P1792	Volvo	Transmission Range Display Circ. Short to B +
P1793	Volvo	Output Speed Sensor 2 Circ. No Signal
P1795	Volvo	Vehicle Speed Signal Circ. Open
P1796	Volvo	Vehicle Speed Signal Circ. Short to Ground
P1797	Volvo	Vehicle Speed Signal Circ. Short to B +
P1798	Volvo	Output Speed Sensor 2 Circ. Range / Performance
P1799	Volvo	Output Speed Sensor 2 Circ. Rpm too High
P1813	Volvo	Pressure Contr. Solenoid 1 Electrical
P1814	Volvo	Pressure Contr. Solenoid 1 Open / Short to Ground
P1815	Volvo	Pressure Contr. Solenoid 1 Short to B +
P1818	Volvo	Pressure Contr. Solenoid 2 Electrical
P1819	Volvo	Pressure Contr. Solenoid 2 Open / Short to Ground
P1820	Volvo	Pressure Contr. Solenoid 2 Short to B +
P1823	Volvo	Pressure Contr. Solenoid 3 Electrical

P1824	Volvo	Pressure Contr. Solenoid 3 Open / Short to Ground
P1825	Volvo	Pressure Contr. Solenoid 3 Short to B +
P1828	Volvo	Pressure Contr. Solenoid 4 Electrical
P1829	Volvo	Pressure Contr. Solenoid 4 Open / Short to Ground
P1830	Volvo	Pressure Contr. Solenoid 4 Short to B +
P1834	Volvo	Pressure Contr. Solenoid 5 Open / Short to Ground
P1835	Volvo	Pressure Contr. Solenoid 5 Short to B +
P1841	Volvo	Engine / Transmission Control Modules Versions do not match
P1842	Volvo	Please check DTC Memory of instrument panel ECU
P1843	Volvo	Please check DTC Memory of ADR Control Module
P1844	Volvo	Please check DTC Memory of central electric control ECU
P1847	Volvo	Please check DTC Memory of brake system ECU
P1848	Volvo	Please check DTC Memory of engine ECU
P1849	Volvo	Please check DTC Memory of transmission ECU
P1850	Volvo	Data - Bus Powertrain Missing Message from Engine Contr.
P1851	Volvo	Data - Bus Powertrain Missing Message from Brake Contr.
P1852	Volvo	Data - Bus Powertrain Unplausible Message from Engine Contr.
P1853	Volvo	Data - Bus Powertrain Unplausible Message from Brake Contr.
P1854	Volvo	Data - Bus Powertrain Hardware Defective
P1855	Volvo	Data - Bus Powertrain Software version Contr.
P1856	Volvo	Throttle / Pedal Pos. Sensor A Circ. Error Message from Engine Contr.
P1857	Volvo	Load Signal Error Message from Engine Contr.
P1858	Volvo	Engine Speed Input Circ. Error Message from Engine Contr.
P1859	Volvo	Brake Switch Circ. Error Message from Engine Contr.
P1860	Volvo	Kick Down Switch Error Message from Engine Contr.
P1861	Volvo	Throttle Position (TP) sensor Error Message from ECM
P1862	Volvo	Data Bus Powertrain Missing message from instr. panel ECU
P1863	Volvo	Data Bus Powertrain Missing Message from St. Angle Sensor
P1864	Volvo	Data Bus Powertrain Missing message from ADR control module
P1865	Volvo	Data Bus Powertrain Missing message from central electronics
P1866	Volvo	Data Bus Powertrain Missing messages
B10A2	Ford	CRASH INPUT
B11D5	Ford	RESTRAINTS EVENT - VEHICLE DISABLED
B11D8	Ford	RESTRAINTS EVENT NOTIFICATION
B1200	Ford	CRASH INPUT MISMATCH - CAN INACTIVE HARDWIRED ACTIVE
B1207	Ford	CRASH INPUT HARDWIRED SIGNAL
B1213	Ford	LESS THAN TWO KEYS PROGRAMMED TO THE PATS CONTROL
B1219	Ford	FUEL TANK PRESSURE SENSOR CIRCUIT
B1220	Ford	FUEL TANK PRESSURE SENSOR CIRCUIT OPEN
B1262	Ford	CRASH INPUT MISMATCH - CAN ACTIVE HARDWIRED IN ACTIVE
B1315	Ford	BATTERY SAVER RELAY COIL CIRCUIT SHORT TO BATTERY
B1317	Ford	BATTERY VOLTAGE HIGH
B1318	Ford	BATTERY VOLTAGE LOW
B1319	Ford	DRIVER DOOR AJAR CIRCUIT FAILURE
B1322	Ford	DRIVER DOOR AJAR CIRCUIT SHORT TO GROUND
B1342	Ford	ECU IS FAULTED
B1355	Ford	IGNITION RUN CIRCUIT FAILURE
B1359	Ford	IGNITION RUN / ACC CIRCUIT FAILURE
B1365	Ford	IGNITION START CIRCUIT SHORT TO BATTERY
B1483	Ford	BRAKE PEDAL INPUT CIRCUIT FAILURE
B1485	Ford	BRAKE PEDAL INPUT SHORT TO BATTERY
B1555	Ford	IGNITION RUN / START CIRCUIT FAILURE
B1600	Ford	NO PATS KEY READ BY THE PATS CONTROL
B1601	Ford	UNPROGRAMMED PATS KEY
B1602	Ford	PARTIAL PATS KEY WAS READ
B1681	Ford	PATS TRANSCIEVER SIGNAL IS NOT BEING RECEIVED BY THE PATS CONTROL
B2103	Ford	ANTENNA NOT CONNECTED
B2105	Ford	THROTTLE POSITION INPUT OUT OF RANGE LOW
B2106	Ford	THROTTLE POSITION INPUT OUT OF RANGE HIGH
B2431	Ford	KEY PROGRAMMING ERROR
C1160	Ford	CENTER AXLE DISCONNECT (CAD) SYSTEM GENERAL FAILURE
C1218	Ford	ABS WARNING LAMP OUT CIRCUIT FAILURE
C1222	Ford	WHEEL SPEED MISMATCH
C1296	Ford	WHEEL SPEED LF SIGNAL FAULT
C1297	Ford	WHEEL SPEED RF SIGNAL FAULT
C1298	Ford	WHEEL SPEED RR SIGNAL FAULT
C1299	Ford	WHEEL SPEED LR SIGNAL FAULT
C1728	Ford	TRANSFER CASE UNABLE TO TRANSITION BETWEEN 2H AND 4H
C1729	Ford	TRANSFER CASE UNABLE TO TRANSITION BETWEEN 4H AND 4L
C1970	Ford	4 X 4 LOW MODE SWITCH LED SHORT TO BATTERY
C1971	Ford	5 X 4 LOW MODE SWITCH LED CIRCUIT FAILURE
C1979	Ford	IWE SOLENIOD CIRCUIT FAILURE
C1980	Ford	IWE SOLENIOD SHORT TO BATTERY
P0500	Ford	VEHICLE SPEED SENSOR "A"
P1008	Ford	COMBUSTION ENGINE PRODUCING INSUFFICIENT TORQUE
P100F	Ford	WASTEGATE CONTROL PRESSURE / BARO CORRELATION
P1011	Ford	WASTEGATE CONTROL PRESSURE SENSOR CIRCUIT RANGE / PERFORMANCE
P1012	Ford	WASTEGATE CONTROL PRESSURE SENSOR CIRCUIT LOW

P1013	Ford	WASTEGATE CONTROL PRESSURE SENSOR CIRCUIT HIGH
P1014	Ford	WASTEGATE CONTROL PRESSURE SENSOR CIRCUIT INTERMITTENT / ERRATIC
P1015	Ford	WASTEGATE CONTROL PRESSURE LOWER THAN EXPECTED
P1016	Ford	WASTEGATE CONTROL PRESSURE HIGHER THAN EXPECTED
P101A	Ford	ALTERNATIVE FUEL RAIL TEMPERATURE SENSOR "B" CIRCUIT
P1048	Ford	ALTERNATIVE FUEL DELIVERY ERROR
P1145	Ford	CALCULATED TORQUE ERROR
P1148	Ford	GENERATOR 2 CONTROL CIRCUIT
P1149	Ford	GENERATOR 2 MONITOR CIRCUIT HIGH
P115A	Ford	LOW FUEL LEVEL - FORCED LIMITED POWER
P115E	Ford	THROTTLE ACTUATOR CONTROL THROTTLE BODY AIR FLOW TRIM AT MAX LIMIT
P117A	Ford	ENGINE OIL OVERTEMPERATURE - FORCED LIMITED POWER
P117B	Ford	EXHAUST GAS TEMPERATURE SENSOR CORRELATION - Bank 1
P117F	Ford	FUEL PRESSURE REGULATOR CONTROL EXCEEDED LEARNING LIMITS
P1207	Ford	CYLINDER 7 INJECTOR CIRCUIT OPEN / SHORTED
P1208	Ford	CYLINDER 8 INJECTOR CIRCUIT OPEN / SHORTED
P120A	Ford	SECONDARY FUEL INJECTOR INSUFFICIENT FLOW, BANK 1
P120B	Ford	SECONDARY FUEL INJECTOR EXCESSIVE FLOW, BANK 1
P120C	Ford	SECONDARY FUEL INJECTOR INSUFFICIENT FLOW, BANK 2
P120D	Ford	SECONDARY FUEL INJECTOR EXCESSIVE FLOW, BANK 2
P120F	Ford	FUEL PRESSURE REGULATOR EXCESSIVE VARIATION
P123C	Ford	COLD START TURBOCHARGER PROTECTION - FORCED LIMITED POWER
P1279	Ford	CONTROL SLEEVE SENSOR CIRCUIT RANGE / PERFORMANCE
P127A	Ford	ABORTED KOER - FUEL PRESSURE FAILURE
P127B	Ford	ABORTED CAMSHAFT POSITION TIMING KOER - ENGINE OIL TEMPERATURE OUT OF RANGE
P127C	Ford	MANIFOLD ABSOLUTE PRESSURE SENSOR OUT OF SELF TEST RANGE
P128A	Ford	CYLINDER HEAD TEMPERATURE (CHT) SENSOR CIRCUIT INTERMITTENT / ERRATIC
P130A	Ford	KNOCK SENSOR 3 CIRCUIT
P130B	Ford	KNOCK SENSOR 4 CIRCUIT
P130C	Ford	ENGINE KNOCK / COMBUSTION PERFORMANCE
P130D	Ford	ENGINE KNOCK / COMBUSTION PERFORMANCE - FORCED LIMITED POWER
P1310	Ford	IONIZATION MISFIRE DETECTION MODULE FAULT
P1311	Ford	IONIZATION MISFIRE DETECTION MODULE COMMUNICATION FAULT
P1312	Ford	INJECTION PUMP TIMING ACTUATOR CIRCUIT
P1318	Ford	INJECTOR TIMING PISTON POSITION SENSOR CIRCUIT
P1319	Ford	INJECTOR TIMING PISTON POSITION SENSOR CIRCUIT RANGE / PERFORMANCE
P132A	Ford	TURBOCHARGER / SUPERCHARGER BOOST CONTROL "A" ELECTRICAL
P132B	Ford	TURBOCHARGER / SUPERCHARGER BOOST CONTROL "A" PERFORMANCE
P132C	Ford	TURBOCHARGER / SUPERCHARGER BOOST CONTROL "A" VOLTAGE
P1331	Ford	TURBOCHARGER / SUPERCHARGER BOOST HIGH SIDE CONTROL CIRCUIT / OPEN
P1334	Ford	EGR THROTTLE POSITION SENSOR MINIMUM / MAXIMUM STOP PERFORMANCE
P1335	Ford	EGR POSITION SENSOR A MINIMUM / MAXIMUM STOP PERFORMANCE
P1337	Ford	THROTTLE POSITION OUTPUT CIRCUIT
P1356	Ford	IGNITION DIAGNOSTIC MONITOR (IDM) INDICATES ENGINE NOT TURNING
P1357	Ford	IGNITION DIAGNOSTIC MONITOR (IDM) PULSEWIDTH NOT DEFINED
P1358	Ford	IGNITION DIAGNOSTIC MONITOR (IDM) SIGNAL OUT OF SELF-TEST RANGE (no CPU OK)
P1359	Ford	SPARK OUTPUT CIRCUIT (SPOUT)
P1378	Ford	FUEL INJECTOR CONTROL MODULE SYSTEM VOLTAGE LOW
P1379	Ford	FUEL INJECTOR CONTROL MODULE SYSTEM VOLTAGE HIGH
P138B	Ford	GLOW PLUG CONTROL MODULE SYSTEM VOLTAGE
P138D	Ford	TURBOCHARGER / SUPERCHARGER BOOST CONTROL "A" TEMPERATURE TOO HIGH
P1410	Ford	AIR CLEANER INLET CONTROL CIRCUIT
P1412	Ford	EXHAUST GAS RECIRCULATION (EGR) VALVE FROZEN
P1431	Ford	MISFIRE MONITOR DISABLED, UNABLE TO LEARN WHEEL PROFILE
P1432	Ford	THERMOSTAT HEATER CONTROL CIRCUIT
P144A	Ford	EVAPORATIVE EMISSION (EVAP) SYSTEM PURGE VAPORLINE RESTRICTED / BLOCKED
P144B	Ford	EVAPORATIVE EMISSION (EVAP) SYSTEM SECONDARY PURGE VAPOR LINE RESTRICTED / BLOCKED
P144C	Ford	EVAPORATIVE EMISSION (EVAP) SYSTEM PURGE FLOW PERFORMANCE DURING BOOST
P1458	Ford	IGNITION TIMING CONTROL SOLENOID
P1459	Ford	A/C RECIRCULATION SWITCH OUT OF SELF-TEST RANGE
P145B	Ford	A/C DEMAND NOT ACTIVE DURING SELF-TEST
P145E	Ford	PCV HEATER CONTROL "B" CIRCUIT
P1488	Ford	EXHAUST (muffler) BYPASS CONTROL CIRCUIT
P1489	Ford	POSITIVE CRANKCASE VENTILATION (PCV) HEATER CONTROL CIRCUIT
P1496	Ford	EGR STEPPER MOTOR 1 CONTROL CIRCUIT LOW / HIGH
P1497	Ford	EGR STEPPER MOTOR 2 CONTROL CIRCUIT LOW / HIGH
P1498	Ford	EGR STEPPER MOTOR 3 CONTROL CIRCUIT LOW / HIGH
P1499	Ford	EGR STEPPER MOTOR 4 CONTROL CIRCUIT LOW / HIGH
P151A	Ford	INTAKE MANIFOLD RUNNER CONTROLLER PERFORMANCE
P1542	Ford	PRIMARY PCM ID CIRCUIT (DUAL PCM APPLICATION)
P1548	Ford	ENGINE AIR FILTER RESTRICTION
P1551	Ford	CYLINDER 1 INJECTOR CIRCUIT RANGE / PERFORMANCE
P1552	Ford	CYLINDER 2 INJECTOR CIRCUIT RANGE / PERFORMANCE
P1553	Ford	CYLINDER 3 INJECTOR CIRCUIT RANGE / PERFORMANCE
P1554	Ford	CYLINDER 4 INJECTOR CIRCUIT RANGE / PERFORMANCE
P1555	Ford	CYLINDER 5 INJECTOR CIRCUIT RANGE / PERFORMANCE
P1556	Ford	CYLINDER 6 INJECTOR CIRCUIT RANGE / PERFORMANCE
P1557	Ford	CYLINDER 7 INJECTOR CIRCUIT RANGE / PERFORMANCE

P1558	Ford	CYLINDER 8 INJECTOR CIRCUIT RANGE / PERFORMANCE
P1561	Ford	BRAKE LINE PRESSURE SENSOR CIRCUIT
P1562	Ford	PCM B+ VOLTAGE LOW (KAM POWER)
P1569	Ford	INTAKE MANIFOLD RUNNER CONTROL CIRCUIT LOW
P1570	Ford	INTAKE MANIFOLD RUNNER CONTROL CIRCUIT HIGH
P1594	Ford	FORCED ENGINE SHUTDOWN - REMOTE START SYSTEM FAULT, NO UNATTENDED VEHICLE TIMEOUT
P1595	Ford	FORCED ENGINE SHUTDOWN - REMOTE START SYSTEM FAULT, TRANSMISSION RANGE NOT IN PARK
P160A	Ford	CONTROL MODULE VEHICLE OPTIONS RECONFIGURATION ERROR
P160B	Ford	GENERATOR MISMATCH WITH VEHICLE CONFIGURATION
P160C	Ford	CONTROL MODULE SOFTWARE PERFORMANCE
P160D	Ford	CONTROL MODULE INTERNAL VOLTAGE PERFORMANCE
P160E	Ford	PCM / ECM / TCM NON-VOLATILE RANDOM ACCESS MEMORY (NVRAM) ERROR
P160F	Ford	PCM / ECM / TCM NON-VOLATILE RANDOM ACCESS MEMORY (NVRAM) PERFORMANCE
P161A	Ford	INCORRECT RESPONSE FROM IMMOBILIZER CONTROL MODULE
P162D	Ford	INTERNAL CONTROL MODULE CRUISE CONTROL PERFORMANCE
P162E	Ford	INTERNAL CONTROL MODULE PTO CONTROL PERFORMANCE
P162F	Ford	STARTER MOTOR DISABLED - ENGINE CRANK TIME TOO LONG
P163A	Ford	GENERATOR "B" CONTROL CIRCUIT
P163B	Ford	GENERATOR "B" FIELD TERMINAL CIRCUIT
P163C	Ford	GENERATOR "B" FIELD TERMINAL CIRCUIT LOW
P163D	Ford	GENERATOR "B" FIELD TERMINAL CIRCUIT HIGH
P163E	Ford	TRANSMISSION CONTROL MODULE PROGRAMMING ERROR
P163F	Ford	TRANSMISSION ID BLOCK CORRUPTED, NOT PROGRAMMED
P1646	Ford	LINEAR O2 SENSOR CONTROL CHIP (Bank 1)
P1647	Ford	LINEAR O2 SENSOR CONTROL CHIP (Bank 2)
P1649	Ford	FUEL INJECTOR PUMP MODULE
P164A	Ford	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT PERFORMANCE (BANK 1 SENSOR 1)
P164B	Ford	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT PERFORMANCE (BANK 2 SENSOR 1)
P164D	Ford	ALL WHEEL DRIVE ID BLOCK CORRUPTED, NOT PROGRAMMED
P1656	Ford	CAN LINK PCM / PCM CIRCUIT / NETWORK
P1657	Ford	CAN LINK CHIP MALFUNCTION
P165F	Ford	PCM / ECM / TCM VEHICLE OPTIONS ERROR
P1674	Ford	CONTROL MODULE SOFTWARE CORRUPTED
P1678	Ford	LOW OIL PRESSURE LAMP CONTROL CIRCUIT
P167F	Ford	NON-OEM CALIBRATION DETECTED
P1698	Ford	COLD START FUEL PUMP PRIMARY CIRCUIT / OPEN
P169D	Ford	COLD START FUEL PUMP SECONDARY CIRCUIT LOW
P169E	Ford	COLD START FUEL PUMP SECONDARY CIRCUIT HIGH
P170C	Ford	CLUTCH "A" ENGAGEMENT TIME PERFORMANCE
P170D	Ford	CLUTCH "B" ENGAGEMENT TIME PERFORMANCE
P170E	Ford	CLUTCH DELIVERED TORQUE PERFORMANCE
P170F	Ford	CLUTCH PRESSURE RELEASE VALVE FAILED
P1710	Ford	TRANSMISSION CONTROL MODULE SOLENOID / INTERNAL GROUND CIRCUIT
P1719	Ford	ENGINE TORQUE SIGNAL
P171A	Ford	SHIFT FORK "A" STUCK, MOVEMENT ON SHIFT FORK "B"
P171B	Ford	SHIFT FORK "A" STUCK, MOVEMENT ON SHIFT FORK "C"
P171C	Ford	SHIFT FORK "B" STUCK, MOVEMENT ON SHIFT FORK "C"
P171D	Ford	SHIFT FORK "B" STUCK, MOVEMENT ON SHIFT FORK "D"
P171E	Ford	SHIFT FORK "C" STUCK, MOVEMENT ON SHIFT FORK "A"
P171F	Ford	SHIFT FORK "C" STUCK, MOVEMENT ON SHIFT FORK "D"
P172A	Ford	SHIFT FORK "D" STUCK, MOVEMENT ON SHIFT FORK "B"
P172B	Ford	SHIFT FORK "D" STUCK, MOVEMENT ON SHIFT FORK "C"
P172C	Ford	SHIFT FORK "A" / "B" DIRECTION CONTROL VALVE STUCK ON
P172D	Ford	SHIFT FORK "A" / "B" DIRECTION CONTROL VALVE STUCK OFF
P172E	Ford	SHIFT FORK "C" / "D" DIRECTION CONTROL VALVE STUCK ON
P172F	Ford	SHIFT FORK "C" / "D" DIRECTION CONTROL VALVE STUCK OFF
P174E	Ford	OUTPUT SHAFT SPEED / ABS WHEEL SPEED CORRELATION
P174F	Ford	TRACTION CONTROL ENABLE / DISABLE SWITCH LAMP CIRCUIT
P1750	Ford	CLUTCH ADAPTIVE LEARNING NOT DONE
P1752	Ford	SHIFT SOLENOID "A" CIRCUIT SHORT
P1757	Ford	SHIFT SOLENOID "B" CIRCUIT SHORT
P1759	Ford	2-4 BRAKE FAILSAFE VALVE MALFUNCTION
P175A	Ford	TRANSMISSION FLUID OVER TEMPERATURE - ELECTRIC TRANSMISSION FLUID PUMP DISABLED
P1763	Ford	LOW AND REVERSE BRAKE PRESSURE SWITCH CIRCUIT
P1764	Ford	LOW AND REVERSE BRAKE FAILSAFE VALVE MALFUNCTION
P1766	Ford	SHIFT SOLENOID "D" PERFORMANCE
P176C	Ford	TRANSMISSION RANGE SELECTOR LOCK CONTROL ERROR
P1771	Ford	THROTTLE POSITION SENSOR CIRCUIT HIGH
P1772	Ford	THROTTLE POSITION SENSOR CIRCUIT LOW
P1773	Ford	CAN LINK PCM / FUEL FIRED HEATER MALFUNCTION
P179A	Ford	CAN ECM / TURBOCHARGER BOOST CONTROL "A" ACTUATOR CIRCUIT MALFUNCTION
P179B	Ford	CAN ECM / TURBOCHARGER BOOST CONTROL "A" ACTUATOR CIRCUIT - INVALID DATA RECEIVED
P181F	Ford	CLUTCH CONTROL SYSTEM PERFORMANCE
P182A	Ford	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT
P182B	Ford	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE
P182C	Ford	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT LOW
P182D	Ford	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT HIGH
P182E	Ford	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT INTERMITTENT

P183C	Ford	TRANSFER CASE COOLING FAN CONTROL CIRCUIT
P185A	Ford	DIFFERENTIAL LOCK-UP INPUT SWITCH CIRCUIT HIGH
P185B	Ford	DIFFERENTIAL LOCK-UP INDICATOR CIRCUIT LOW
P185C	Ford	DIFFERENTIAL LOCK-UP INDICATOR CIRCUIT HIGH
P185D	Ford	DIFFERENTIAL LOCK-UP CONTROL CIRCUIT PERFORMANCE
P186D	Ford	CLUTCH ACTUATOR STUCK
P186E	Ford	DIFFERENTIAL OIL FILTER LEAKAGE
P186F	Ford	DIFFERENTIAL CONTROL MODULE - SOFTWARE INCOMPATIBILITY
P187A	Ford	TRANSFER CASE CONTROL MODULE SYSTEM VOLTAGE LOW - REAR LOCKING DIFFERENTIAL DISABLED
P187B	Ford	TIRE SIZE OUT OF ACCEPTABLE RANGE - AWD DISABLED / LIMITED FUNCTION
P1887	Ford	4-WHEEL DRIVE CONTROL SOLENOID CIRCUIT FAILURE
P1888	Ford	DIFFERENTIAL OIL TEMPERATURE SENSOR CIRCUIT FAILURE
P1889	Ford	OIL PRESSURE PUMP PERFORMANCE
P188A	Ford	DIFFERENTIAL OIL TEMPERATURE TOO HIGH / TOO LOW
P188B	Ford	ALL WHEEL DRIVE CLUTCH CONTROL CIRCUIT
P188C	Ford	ALL WHEEL DRIVE RELAY MODULE COMMUNICATION CIRCUIT
P188D	Ford	ALL WHEEL DRIVE RELAY MODULE FEEDBACK CIRCUIT
P188E	Ford	OIL PRESSURE PUMP CONTROL CIRCUIT
P1919	Ford	ENGINE COOLANT TEMPERATURE SIGNAL
P1920	Ford	ENGINE SPEED SIGNAL
P1921	Ford	TRANSMISSION RANGE SIGNAL
P1934	Ford	VEHICLE SPEED SIGNAL
P1935	Ford	BRAKE SWITCH / SENSOR SIGNAL
P193B	Ford	THROTTLE / PEDAL SIGNAL
P193C	Ford	STEERING WHEEL ANGLE SIGNAL
P193D	Ford	CRUISE CONTROL MULTI-FUNCTION INPUT SIGNAL
P193E	Ford	A/C CLUTCH REQUEST SIGNAL
P193F	Ford	VEHICLE SPEED SIGNAL INTERMITTENT
P1A02	Ford	TRANSMISSION ONE WAY CLUTCH PERFORMANCE
P1A03	Ford	DRIVE MOTOR A SHUTDOWN CIRCUIT
P1A04	Ford	GENERATOR SHUTDOWN CIRCUIT
P1A05	Ford	DESIRED ENGINE SPEED SIGNAL
P1A06	Ford	VEHICLE MODE SIGNAL
P1A07	Ford	INVERTER HIGH VOLTAGE PERFORMANCE
P1A08	Ford	GENERATOR MODE SIGNAL
P1A0A	Ford	IMMEDIATE SHUTDOWN SIGNAL "A"
P1A0C	Ford	HYBRID POWERTRAIN CONTROL MODULE - ENGINE DISABLED
P1A0D	Ford	HYBRID POWERTRAIN CONTROL MODULE - GENERATOR DISABLED
P1A0E	Ford	HYBRID POWERTRAIN CONTROL MODULE - MOTOR DISABLED
P1A0F	Ford	HYBRID POWERTRAIN CONTROL MODULE - VEHICLE DISABLED
P1A10	Ford	HYBRID POWERTRAIN CONTROL MODULE - BATTERY DISABLED
P1A11	Ford	HYBRID POWERTRAIN CONTROL MODULE - ONE WAY CLUTCH DISABLED
P1A12	Ford	HYBRID POWERTRAIN CONTROL MODULE - GENERATOR BRAKE DISABLED
P1A13	Ford	HYBRID POWERTRAIN CONTROL MODULE - REGENERATIVE BRAKING DISABLED
P1A14	Ford	HYBRID POWERTRAIN CONTROL MODULE - TRANSMISSION DISABLED
P1A15	Ford	IMMEDIATE SHUTDOWN SIGNAL "B"
P1A16	Ford	VARIABLE VOLTAGE CONTROLLER VOLTAGE CONTROL CIRCUIT
P1A17	Ford	VARIABLE VOLTAGE CONTROLLER PROCESSOR
P1A18	Ford	VARIABLE VOLTAGE CONTROLLER INDUCTOR TEMPERATURE SENSOR CIRCUIT
P1A19	Ford	VARIABLE VOLTAGE CONTROLLER DRIVER TEMPERATURE SENSOR CIRCUIT
P1A1A	Ford	VARIABLE VOLTAGE CONTROLLER OVER TEMPERATURE
P1A1B	Ford	BRAKE SYSTEM CONTROL MODULE - FORCED ENGINE RUNNING
P1A1C	Ford	HYBRID BATTERY "A" POWER SWITCHING RELAY PERFORMANCE
P1A1D	Ford	HYBRID BATTERY "B" POWER SWITCHING RELAY PERFORMANCE
P286F	Generic	CLUTCH "A" DISENGAGEMENT TIME PERFORMANCE TOO SLOW
P2872	Generic	CLUTCH "A" STUCK ENGAGED
P2877	Generic	CLUTCH "B" DISENGAGEMENT TIME PERFORMANCE TOO SLOW
P287A	Generic	CLUTCH "B" STUCK ENGAGED
P287B	Generic	SHIFT FORK CALIBRATION NOT LEARNE
U042E	Generic	INVALID DATA RECEIVED FROM GENERATOR CONTROL MODULE
U04A4	Generic	INVALID DATA RECEIVED FROM PM SENSOR
U05A1	Generic	NOx SENSOR "A" RECEIVED INVALID DATA FROM ECM / PCM
U1003	Ford	SYSTEM CLOCK
U1006	Ford	SUB NETWORK CAN INIALISATION FAILURE
U1010	Ford	INVALID INTERNAL CONTROL MODULE MONITORING DATA RECEIVED FROM HYBRID/EV PCM
U1011	Ford	SCP (J1850) INVALID OR MISSING DATA
U1021	Ford	SCP (J1850) INVALID OR MISSING DATA FOR A/C CLUTCH SENSE INPUT
U1029	Ford	LOST COMMUNICATION WITH BRAKE SYSTEM CONTROL MODULE
U1039	Ford	SCP (J1850) INVALID OR MISSING DATA FOR VEHICLE SPEED
U1051	Ford	SCP (J1850) INVALID OR MISSING DATA FOR BRAKE INPUT
U1055	Ford	LOST COMMUNICATION WITH INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE
U1075	Ford	SCP (J1850) INVALID OR MISSING DATA FOR ENGINE OIL TEMPERATURE
U1131	Ford	SCP (J1850) INVALID OR MISSING DATA FOR FUEL PUMP STATUS
U1135	Ford	SCP (J1850) INVALID OR MISSING DATA FOR IGNITION SWITCH / STARTER
U1260	Ford	SCP (J1850) SINGLE ENDED () CIRCUIT
U1261	Ford	SCP (J1850) SINGLE ENDED (-) CIRCUIT
U1451	Ford	SCP (J1850) INVALID OR MISSING DATA FROM ANTI - THEFT MODULE, VEHICLE IMMOBILIZED
U1900	Ford	CAN COMMUNICATION BUS FAULT - RECEIVE ERROR

U1950	Ford	UBP COMMUNICATION BUS FAULT
U200D	Ford	CONTROL MODULE OUTPUT POWER "A"
U2012	Ford	CAR CONFIGURATION PARAMETER(S)
U2015	Ford	SCP (J1850) INVALID OR MISSING DATA FROM NGV MODULE
U2023	Ford	FAULT RECEIVED FROM EXTERNAL NODE
U2050	Ford	NO APPLICATION PRESENT
U2051	Ford	ONE OR MORE CALIBRATION FILES MISSING / CORRUPT
U210B	Ford	LOST COMMUNICATION BETWEEN FUEL PUMP CONTROL AND RESTRAINTS CONTROL MODULES
U2226	Ford	UBP INVALID DATA FROM NODE ID \$10
U2306	Ford	UBP INVALID DATA FROM NODE ID \$60
U2511	Ford	CAN - DATA MIS-MATCH (RECEIVED DATA DOES NOT MATCH EXPECTED)
B0000	GM	Vehicle speed information circuit malfunction
B0002	GM	Vehicle speed information circuit low
B0003	GM	Vehicle speed information circuit high
B0006	GM	In "Park" switch circuit range/performance
B0007	GM	In "Park" switch circuit low
B0008	GM	In "Park" switch circuit high
B0009	GM	In "Park" switch circuit open
B0012	GM	RF/Passenger frontal deployment loop (stage 2) resistance low
B0013	GM	RF/Passenger frontal deployment loop (stage 2) open
B0014	GM	RF/Passenger frontal deployment loop (stage 2) voltage out of range
B0015	GM	RF/Passenger frontal deployment loop resistance high
B0019	GM	RF/Passenger frontal impact deployment loop short to battery
B0021	GM	LF/Driver frontal deployment loop resistance high
B0025	GM	LF/Driver frontal impact deployment loop short to battery
B0027	GM	RF/Passenger side deployment loop resistance high
B0032	GM	RF/Passenger side impact deployment loop short to battery
B0034	GM	Side airbag deployment commanded
B0039	GM	LF/Driver side deployment loop resistance high
B0042	GM	LF/Driver frontal deployment loop (stage 2) resistance low
B0043	GM	LF/Driver frontal deployment loop (stage 2) voltage out of range
B0044	GM	LF/Driver frontal deployment loop (stage 2) open
B0046	GM	LF/Driver side deployment loop short to battery
B0047	GM	Deployment commanded circuit malfunction
B0048	GM	Deployment commanded circuit low
B0049	GM	Deployment commanded circuit high
B0050	GM	Deployment commanded circuit open
B0052	GM	Passenger frontal airbag suppressed
B0054	GM	Passenger side airbag suppressed
B0055	GM	Passenger pre-tensioner suppressed
B0056	GM	RF/Passenger pre-tensioner deployment loop resistance high
B0060	GM	RF/Passenger pre-tensioner impact deployment loop short to battery
B0061	GM	Supplemental deployment loop #3 resistance low
B0062	GM	Supplemental deployment loop #3 open
B0063	GM	LF/Driver pre-tensioner deployment loop resistance high
B0067	GM	LF/Driver pre-tensioner impact deployment loop short to battery
B0068	GM	Supplemental deployment loop #3 voltage out of range
B0069	GM	Supplemental deployment loop #4 resistance low
B0070	GM	Supplemental deployment loop #4 open
B0071	GM	Supplemental deployment loop #4 voltage out of range
B0072	GM	Supplemental deployment loop #1 resistance high
B0076	GM	Supplemental impact deployment loop #1 short to battery
B0083	GM	RF/Passenger seat position sensor circuit malfunction
B0084	GM	LF/Driver seat position sensor circuit malfunction
B0085	GM	Supplemental deployment loop #2 resistance high
B0089	GM	Supplemental impact deployment loop #2 short to battery
B0096	GM	RF/Passenger seat belt sensor circuit malfunction
B0097	GM	LF/Driver seat belt sensor circuit malfunction
B0098	GM	AOS controller ECU malfunction
B0099	GM	AOS controller option configuration error
B0100	GM	Electronic front end sensor #1 malfunction
B0101	GM	Discard electronic front end sensor #1
B0102	GM	Incorrect electronic front end sensor #1 installed
B0103	GM	Electronic front end sensor #2 malfunction
B0104	GM	Discard electronic front end sensor #2
B0105	GM	Incorrect electronic front end sensor #2 installed
B0125	GM	Air flow position command #1 (main/front) circuit malfunction
B0127	GM	Air flow position command #1 (main/front) circuit low
B0128	GM	Air flow position command #1 (main/front) circuit high
B0129	GM	Air flow position command #1 (main/front) circuit open
B0130	GM	Air flow position feedback #1 (main/front) circuit malfunction
B0132	GM	Air flow position feedback #1 (main/front) circuit low
B0133	GM	Air flow position feedback #1 (main/front) circuit high
B0134	GM	Air flow position feedback #1 (main/front) circuit open
B0135	GM	Air flow position command #2 (passenger) circuit malfunction
B0136	GM	Air flow position command #2 (passenger) circuit range/performance
B0137	GM	Air flow position command #2 (passenger) circuit low
B0138	GM	Air flow position command #2 (passenger) circuit high

B0139	GM	Air flow position command #2 (passenger) circuit open
B0140	GM	Air flow position feedback #2 (passenger) circuit malfunction
B0141	GM	Air flow position feedback #2 (passenger) circuit range/performance
B0142	GM	Air flow position feedback #2 (passenger) circuit low
B0143	GM	Air flow position feedback #2 (passenger) circuit high
B0144	GM	Air flow position feedback #2 (passenger) circuit open
B0145	GM	Air flow position command #3 (rear) circuit malfunction
B0146	GM	Air flow position command #3 (rear) circuit range/performance
B0147	GM	Air flow position command #3 (rear) circuit low
B0148	GM	Air flow position command #3 (rear) circuit high
B0149	GM	Air flow position command #3 (rear) circuit open
B0150	GM	Air flow position feedback #3 (rear) circuit malfunction
B0151	GM	Air flow position feedback #3 (rear) circuit range/performance
B0152	GM	Air flow position feedback #3 (rear) circuit low
B0153	GM	Air flow position feedback #3 (rear) circuit high
B0154	GM	Air flow position feedback #3 (rear) circuit open
B0155	GM	A/C refrigerant under pressure
B0156	GM	A/C refrigerant overpressure
B0158	GM	Outside air temperature sensor circuit malfunction
B0160	GM	Outside air temperature sensor circuit low
B0161	GM	Outside air temperature sensor circuit high
B0162	GM	Outside air temperature sensor circuit open
B0163	GM	Passenger compartment temperature sensor #1 (single sensor or LH) circuit malfunction
B0165	GM	Passenger compartment temperature sensor #1 (single sensor or LH) circuit low
B0166	GM	Passenger compartment temperature sensor #1 (single sensor or LH) circuit high
B0167	GM	Passenger compartment temperature sensor #1 (single sensor or LH) circuit open
B0168	GM	Passenger compartment temperature sensor #2 (RH) circuit malfunction
B0170	GM	Passenger compartment temperature sensor #2 (RH) circuit low
B0171	GM	Passenger compartment temperature sensor #2 (RH) circuit high
B0172	GM	Passenger compartment temperature sensor #2 (RH) circuit open
B0173	GM	Output air temperature sensor #1 (upper; single or LH) circuit malfunction
B0175	GM	Output air temperature sensor #1 (upper; single or LH) circuit low
B0176	GM	Output air temperature sensor #1 (upper; single or LH) circuit high
B0177	GM	Output air temperature sensor #1 (upper; single or LH) circuit open
B0178	GM	Output air temperature sensor #2 (lower; single or LH) circuit malfunction
B0180	GM	Output air temperature sensor #2 (lower; single or LH) circuit low
B0181	GM	Output air temperature sensor #2 (lower; single or LH) circuit high
B0182	GM	Output air temperature sensor #2 (lower; single or LH) circuit open
B0183	GM	Solar load sensor #1 (single sensor or LH) circuit malfunction
B0185	GM	Solar load sensor #1 (single sensor or LH) circuit low
B0186	GM	Solar load sensor #1 (single sensor or LH) circuit high
B0187	GM	Solar load sensor #1 (single sensor or LH) circuit open
B0188	GM	Solar load sensor #2 (RH) circuit malfunction
B0190	GM	Solar load sensor #2 (RH) circuit low
B0191	GM	Solar load sensor #2 (RH) circuit high
B0192	GM	Solar load sensor #2 (RH) circuit open
B0193	GM	Blower motor #1 (main/primary/front) speed circuit malfunction
B0194	GM	Blower motor #1 (main/primary/front) speed circuit range/performance
B0195	GM	Blower motor #1 (main/primary/front) speed circuit low
B0196	GM	Blower motor #1 (main/primary/front) speed circuit high
B0197	GM	Blower motor #1 (main/primary/front) speed circuit open
B0198	GM	Blower motor #1 (main/primary/front) power circuit malfunction
B0199	GM	Blower motor #1 (main/primary/front) power circuit range/performance
B0200	GM	Blower motor #1 (main/primary/front) power circuit low
B0201	GM	Blower motor #1 (main/primary/front) power circuit high
B0202	GM	Blower motor #1 (main/primary/front) power circuit open
B0203	GM	Blower motor #1 (main/primary/front) ground circuit malfunction
B0204	GM	Blower motor #1 (main/primary/front) ground circuit range/performance
B0205	GM	Blower motor #1 (main/primary/front) ground circuit low
B0206	GM	Blower motor #1 (main/primary/front) ground circuit high
B0207	GM	Blower motor #1 (main/primary/front) ground circuit open
B0208	GM	Blower motor #2 (aux/secondary/rear) speed circuit malfunction
B0209	GM	Blower motor #2 (aux/secondary/rear) speed circuit range/performance
B0210	GM	Blower motor #2 (aux/secondary/rear) speed circuit low
B0211	GM	Blower motor #2 (aux/secondary/rear) speed circuit high
B0212	GM	Blower motor #2 (aux/secondary/rear) speed circuit open
B0213	GM	Blower motor #2 (aux/secondary/rear) power circuit malfunction
B0214	GM	Blower motor #2 (aux/secondary/rear) power circuit range/performance
B0215	GM	Blower motor #2 (aux/secondary/rear) power circuit low
B0216	GM	Blower motor #2 (aux/secondary/rear) power circuit high
B0217	GM	Blower motor #2 (aux/secondary/rear) power circuit open
B0218	GM	Blower motor #2 (aux/secondary/rear) ground circuit malfunction
B0219	GM	Blower motor #2 (aux/secondary/rear) ground circuit range/performance
B0220	GM	Blower motor #2 (aux/secondary/rear) ground circuit low
B0221	GM	Blower motor #2 (aux/secondary/rear) ground circuit high
B0222	GM	Blower motor #2 (aux/secondary/rear) ground circuit open
B0223	GM	Recirc position command circuit malfunction
B0224	GM	Recirc position command circuit range/performance

B0225	GM	Recirc position command circuit low
B0226	GM	Recirc position command circuit high
B0227	GM	Recirc position command circuit open
B0228	GM	Recirc position feedback circuit malfunction
B0229	GM	Recirc position feedback circuit range/performance
B0230	GM	Recirc position feedback circuit low
B0231	GM	Recirc position feedback circuit high
B0232	GM	Recirc position feedback circuit open
B0233	GM	Air flow control (general/single control) circuit malfunction
B0234	GM	Air flow control (general/single control) circuit range/performance
B0235	GM	Air flow control (general/single control) circuit low
B0236	GM	Air flow control (general/single control) circuit high
B0237	GM	Air flow control (general/single control) circuit open
B0238	GM	Air flow control #1 (defrost) circuit malfunction
B0239	GM	Air flow control #1 (defrost) circuit range/performance
B0240	GM	Air flow control #1 (defrost) circuit low
B0241	GM	Air flow control #1 (defrost) circuit high
B0242	GM	Air flow control #1 (defrost) circuit open
B0243	GM	Air flow control #2 (heater) circuit malfunction
B0244	GM	Air flow control #2 (heater) circuit range/performance
B0245	GM	Air flow control #2 (heater) circuit low
B0246	GM	Air flow control #2 (heater) circuit high
B0247	GM	Air flow control #2 (heater) circuit open
B0250	GM	Air flow control #3 (blend defog/floor) circuit low
B0251	GM	Air flow control #3 (blend defog/floor) circuit high
B0252	GM	Air flow control #3 (blend defog/floor) circuit open
B0253	GM	Air flow control #4 (blend face/floor) circuit malfunction
B0254	GM	Air flow control #4 (blend face/floor) circuit range/performance
B0255	GM	Air flow control #4 (blend face/floor) circuit low
B0256	GM	Air flow control #4 (blend face/floor) circuit high
B0257	GM	Air flow control #4 (blend face/floor) circuit open
B0258	GM	Air flow control #5 (vent) circuit malfunction
B0259	GM	Air flow control #5 (vent) circuit range/performance
B0260	GM	Air flow control #5 (vent) circuit low
B0261	GM	Air flow control #5 (vent) circuit high
B0262	GM	Air flow control #5 (vent) circuit open
B0263	GM	Air flow control #6 (A/C) circuit malfunction
B0264	GM	Air flow control #6 (A/C) circuit range/performance
B0265	GM	Air flow control #6 (A/C) circuit low
B0266	GM	Air flow control #6 (A/C) circuit high
B0267	GM	Air flow control #6 (A/C) circuit open
B0270	GM	Air flow control #7 (recirc) circuit low
B0271	GM	Air flow control #7 (recirc) circuit high
B0272	GM	Air flow control #7 (recirc) circuit open
B0273	GM	Air flow control #8 (rear defog airflow) circuit malfunction
B0274	GM	Air flow control #8 (rear defog airflow) circuit range/performance
B0275	GM	Air flow control #8 (rear defog airflow) circuit low
B0276	GM	Air flow control #8 (rear defog airflow) circuit high
B0277	GM	Air flow control #8 (rear defog airflow) circuit open
B0278	GM	Air flow control #9 (dual zone) circuit malfunction
B0279	GM	Air flow control #9 (dual zone) circuit range/performance
B0280	GM	Air flow control #9 (dual zone) circuit low
B0281	GM	Air flow control #9 (dual zone) circuit high
B0282	GM	Air flow control #9 (dual zone) circuit open
B0283	GM	Electric rear defrost circuit malfunction
B0284	GM	Electric rear defrost circuit range/performance
B0285	GM	Electric rear defrost circuit low
B0286	GM	Electric rear defrost circuit high
B0287	GM	Electric rear defrost circuit open
B0288	GM	A/C request circuit malfunction
B0289	GM	A/C request circuit range/performance
B0290	GM	A/C request circuit low
B0291	GM	A/C request circuit high
B0292	GM	A/C request circuit open
B0293	GM	Control head #1 (main/front) feedback circuit malfunction
B0294	GM	Control head #1 (main/front) feedback circuit range/performance
B0295	GM	Control head #1 (main/front) feedback circuit low
B0296	GM	Control head #1 (main/front) feedback circuit high
B0297	GM	Control head #1 (main/front) feedback circuit open
B0298	GM	Control head #2 (passenger) feedback circuit malfunction
B0299	GM	Control head #2 (passenger) feedback circuit range/performance
B0300	GM	Control head #2 (passenger) feedback circuit low
B0301	GM	Control head #2 (passenger) feedback circuit high
B0302	GM	Control head #2 (passenger) feedback circuit open
B0303	GM	Control head #3 (rear) feedback circuit malfunction
B0304	GM	Control head #3 (rear) feedback circuit range/performance
B0305	GM	Control head #3 (rear) feedback circuit low
B0306	GM	Control head #3 (rear) feedback circuit high

B0307	GM	Control head #3 (rear) feedback circuit open
B0308	GM	Electric windshield circuit malfunction
B0309	GM	Electric windshield circuit range/performance
B0310	GM	Electric windshield circuit low
B0311	GM	Electric windshield circuit high
B0312	GM	Electric windshield circuit open
B0313	GM	Climate control selection switch #1 (Off) circuit malfunction
B0314	GM	Climate control selection switch #1 (Off) circuit range/performance
B0315	GM	Climate control selection switch #1 (Off) circuit low
B0316	GM	Climate control selection switch #1 (Off) circuit high
B0317	GM	Climate control selection switch #1 (Off) circuit open
B0318	GM	Climate control selection switch #2 (A/C) circuit malfunction
B0319	GM	Climate control selection switch #2 (A/C) circuit range/performance
B0320	GM	Climate control selection switch #2 (A/C) circuit low
B0321	GM	Climate control selection switch #2 (A/C) circuit high
B0322	GM	Climate control selection switch #2 (A/C) circuit open
B0323	GM	Climate control selection switch #3 (Recirc/Max) circuit malfunction
B0324	GM	Climate control selection switch #3 (Recirc/Max) circuit range/performance
B0325	GM	Climate control selection switch #3 (Recirc/Max) circuit low
B0326	GM	Climate control selection switch #3 (Recirc/Max) circuit high
B0327	GM	Climate control selection switch #3 (Recirc/Max) circuit open
B0328	GM	Climate control selection switch #4 (Vent) circuit malfunction
B0329	GM	Climate control selection switch #4 (Vent) circuit range/performance
B0330	GM	Climate control selection switch #4 (Vent) circuit low
B0331	GM	Climate control selection switch #4 (Vent) circuit high
B0332	GM	Climate control selection switch #4 (Vent) circuit open
B0333	GM	Climate control selection switch #5 (Defrost) circuit malfunction
B0334	GM	Climate control selection switch #5 (Defrost) circuit range/performance
B0335	GM	Climate control selection switch #5 (Defrost) circuit low
B0336	GM	Climate control selection switch #5 (Defrost) circuit high
B0337	GM	Climate control selection switch #5 (Defrost) circuit open
B0338	GM	Climate control selection switch #6 (Warmer) circuit malfunction
B0339	GM	Climate control selection switch #6 (Warmer) circuit range/performance
B0340	GM	Climate control selection switch #6 (Warmer) circuit low
B0341	GM	Climate control selection switch #6 (Warmer) circuit high
B0342	GM	Climate control selection switch #6 (Warmer) circuit open
B0343	GM	Climate control selection switch #7 (Cooler) circuit malfunction
B0344	GM	Climate control selection switch #7 (Cooler) circuit range/performance
B0345	GM	Climate control selection switch #7 (Cooler) circuit low
B0346	GM	Climate control selection switch #7 (Cooler) circuit high
B0347	GM	Climate control selection switch #7 (Cooler) circuit open
B0348	GM	Climate control selection switch #8 (Blend #1; Face/Floor) circuit malfunction
B0349	GM	Climate control selection switch #8 (Blend #1; Face/Floor) circuit range/performance
B0350	GM	Climate control selection switch #8 (Blend #1; Face/Floor) circuit low
B0351	GM	Climate control selection switch #8 (Blend #1; Face/Floor) circuit high
B0352	GM	Climate control selection switch #8 (Blend #1; Face/Floor) circuit open
B0353	GM	Climate control selection switch #9 (Blend #2; Defog/Floor) circuit malfunction
B0354	GM	Climate control selection switch #9 (Blend #2; Defog/Floor) circuit range/performance
B0355	GM	Climate control selection switch #9 (Blend #2; Defog/Floor) circuit low
B0356	GM	Climate control selection switch #9 (Blend #2; Defog/Floor) circuit high
B0357	GM	Climate control selection switch #9 (Blend #2; Defog/Floor) circuit open
B0358	GM	Climate control selection switch #10 (Auto Control) circuit malfunction
B0359	GM	Climate control selection switch #10 (Auto Control) circuit range/performance
B0360	GM	Climate control selection switch #10 (Auto Control) circuit low
B0361	GM	Climate control selection switch #10 (Auto Control) circuit high
B0362	GM	Climate control selection switch #10 (Auto Control) circuit open
B0363	GM	Climate control selection switch #11 (Dual Zone) circuit malfunction
B0364	GM	Climate control selection switch #11 (Dual Zone) circuit range/performance
B0365	GM	Climate control selection switch #11 (Dual Zone) circuit low
B0366	GM	Climate control selection switch #11 (Dual Zone) circuit high
B0367	GM	Climate control selection switch #11 (Dual Zone) circuit open
B0368	GM	Climate control selection switch assembly circuit malfunction
B0369	GM	Climate control selection switch assembly circuit range/performance
B0370	GM	Climate control selection switch assembly circuit low
B0371	GM	Climate control selection switch assembly circuit high
B0372	GM	Climate control selection switch assembly circuit open
B0373	GM	Rear climate control selection switch #1 (Off) circuit malfunction
B0374	GM	Rear climate control selection switch #1 (Off) circuit range/performance
B0375	GM	Rear climate control selection switch #1 (Off) circuit low
B0376	GM	Rear climate control selection switch #1 (Off) circuit high
B0377	GM	Rear climate control selection switch #1 (Off) circuit open
B0378	GM	Rear climate control selection switch #2 (A/C) circuit malfunction
B0379	GM	Rear climate control selection switch #2 (A/C) circuit range/performance
B0380	GM	Rear climate control selection switch #2 (A/C) circuit low
B0381	GM	Rear climate control selection switch #2 (A/C) circuit high
B0382	GM	Rear climate control selection switch #2 (A/C) circuit open
B0383	GM	Rear climate control selection switch #3 (Vent) circuit malfunction
B0384	GM	Rear climate control selection switch #3 (Vent) circuit range/performance

B0385	GM	Rear climate control selection switch #3 (Vent) circuit low
B0386	GM	Rear climate control selection switch #3 (Vent) circuit high
B0387	GM	Rear climate control selection switch #3 (Vent) circuit open
B0388	GM	Rear climate control selection switch #4 (Warmer) circuit malfunction
B0389	GM	Rear climate control selection switch #4 (Warmer) circuit range/performance
B0390	GM	Rear climate control selection switch #4 (Warmer) circuit low
B0391	GM	Rear climate control selection switch #4 (Warmer) circuit high
B0392	GM	Rear climate control selection switch #4 (Warmer) circuit open
B0393	GM	Rear climate control selection switch #5 (Cooler) circuit malfunction
B0394	GM	Rear climate control selection switch #5 (Cooler) circuit range/performance
B0395	GM	Rear climate control selection switch #5 (Cooler) circuit low
B0396	GM	Rear climate control selection switch #5 (Cooler) circuit high
B0397	GM	Rear climate control selection switch #5 (Cooler) circuit open
B0398	GM	Rear climate control selection switch #6 (Auto Control) circuit malfunction
B0399	GM	Rear climate control selection switch #6 (Auto Control) circuit range/performance
B0400	GM	Rear climate control selection switch #6 (Auto Control) circuit low
B0401	GM	Rear climate control selection switch #6 (Auto Control) circuit high
B0402	GM	Rear climate control selection switch #6 (Auto Control) circuit open
B0403	GM	Rear climate control selection switch assembly circuit malfunction
B0404	GM	Rear climate control selection switch assembly circuit range/performance
B0405	GM	Rear climate control selection switch assembly circuit low
B0406	GM	Rear climate control selection switch assembly circuit high
B0407	GM	Rear climate control selection switch assembly circuit open
B0410	GM	Temperature control #1 (main/front) circuit low
B0411	GM	Temperature control #1 (main/front) circuit high
B0412	GM	Temperature control #1 (main/front) circuit open
B0413	GM	Temperature control #1 (main/front) feedback circuit malfunction
B0414	GM	Temperature control #1 (main/front) feedback circuit range/performance
B0415	GM	Temperature control #1 (main/front) feedback circuit low
B0416	GM	Temperature control #1 (main/front) feedback circuit high
B0417	GM	Temperature control #1 (main/front) feedback circuit open
B0418	GM	Temperature control #2 (passenger) circuit malfunction
B0420	GM	Temperature control #2 (passenger) circuit low
B0421	GM	Temperature control #2 (passenger) circuit high
B0422	GM	Temperature control #2 (passenger) circuit open
B0424	GM	Temperature control #2 (passenger) feedback circuit range/performance
B0425	GM	Temperature control #2 (passenger) feedback circuit low
B0426	GM	Temperature control #2 (passenger) feedback circuit high
B0427	GM	Temperature control #2 (passenger) feedback circuit open
B0430	GM	Temperature control #3 (rear) circuit low
B0431	GM	Temperature control #3 (rear) circuit high
B0432	GM	Temperature control #3 (rear) circuit open
B0433	GM	Temperature control #3 (rear) feedback circuit malfunction
B0434	GM	Temperature control #3 (rear) feedback circuit range/performance
B0435	GM	Temperature control #3 (rear) feedback circuit low
B0436	GM	Temperature control #3 (rear) feedback circuit high
B0437	GM	Temperature control #3 (rear) feedback circuit open
B0438	GM	Auxiliary heater glow plug circuit malfunction
B0439	GM	Auxiliary heater glow plug circuit range/performance
B0440	GM	Auxiliary heater glow plug circuit low
B0441	GM	Auxiliary heater glow plug circuit high
B0442	GM	Auxiliary heater glow plug circuit open
B0443	GM	Auxiliary heater fuel pump circuit malfunction
B0444	GM	Auxiliary heater fuel pump circuit range/performance
B0445	GM	Auxiliary heater fuel pump circuit low
B0446	GM	Auxiliary heater fuel pump circuit high
B0447	GM	Auxiliary heater fuel pump circuit open
B0448	GM	Auxiliary heater blower fan circuit malfunction
B0449	GM	Auxiliary heater blower fan circuit range/performance
B0450	GM	Auxiliary heater blower fan circuit low
B0451	GM	Auxiliary heater blower fan circuit high
B0452	GM	Auxiliary heater blower fan circuit open
B0453	GM	Auxiliary heater coolant sensor circuit malfunction
B0454	GM	Auxiliary heater coolant sensor circuit range/performance
B0455	GM	Auxiliary heater coolant sensor circuit low
B0456	GM	Auxiliary heater coolant sensor circuit high
B0457	GM	Auxiliary heater coolant sensor circuit open
B0458	GM	Auxiliary heater overheat sensor circuit malfunction
B0459	GM	Auxiliary heater overheat sensor circuit range/performance
B0460	GM	Auxiliary heater overheat sensor circuit low
B0461	GM	Auxiliary heater overheat sensor circuit high
B0462	GM	Auxiliary heater overheat sensor circuit open
B0463	GM	Auxiliary heater flame sensor circuit malfunction
B0464	GM	Auxiliary heater flame sensor circuit range/performance
B0465	GM	Auxiliary heater flame sensor circuit low
B0466	GM	Auxiliary heater flame sensor circuit high
B0467	GM	Auxiliary heater flame sensor circuit open
B0468	GM	Auxiliary heater coolant pump circuit malfunction

B0469	GM	Auxiliary heater coolant pump circuit range/performance
B0470	GM	Auxiliary heater coolant pump circuit low
B0471	GM	Auxiliary heater coolant pump circuit high
B0472	GM	Auxiliary heater coolant pump circuit open
B0473	GM	Auxiliary heater passenger compt. fan control circuit malfunction
B0474	GM	Auxiliary heater passenger compt. fan control circuit range/performance
B0475	GM	Auxiliary heater passenger compt. fan control circuit low
B0476	GM	Auxiliary heater passenger compt. fan control circuit high
B0477	GM	Auxiliary heater passenger compt. fan control circuit open
B0478	GM	Flame off from minimum power
B0479	GM	Flame off from medium power
B0480	GM	Flame off from maximum power
B0481	GM	Overheat detected: software level
B0482	GM	Overheat detected: hardware level
B0483	GM	Overheat possible
B0484	GM	Auxiliary heater system locked
B0485	GM	Auxiliary heater start counter overrun
B0486	GM	Auxiliary heater cold blow time exceeded
B0487	GM	Auxiliary heater temp switch HS: no connection
B0488	GM	Auxiliary heater overheat counter overrun
B0489	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch circuit malfunction
B0490	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch circuit range/performance
B0491	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch circuit low
B0492	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch circuit high
B0493	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch circuit open
B0494	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch feedback circuit malf
B0495	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch feedback circuit range/per
B0496	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch feedback circuit low
B0497	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch feedback circuit high
B0498	GM	Passenger temp. control "Cooler" or "Cooler/Warmer" switch feedback circuit open
B0499	GM	Passenger temp. control "Warmer" switch circuit malfunction
B0500	GM	Passenger temp. control "Warmer" switch circuit range/performance
B0501	GM	Passenger temp. control "Warmer" switch circuit low
B0502	GM	Passenger temp. control "Warmer" switch circuit high
B0503	GM	Passenger temp. control "Warmer" switch circuit open
B0504	GM	Passenger temp. control "Warmer" switch feedback circuit malfunction
B0505	GM	Passenger temp. control "Warmer" switch feedback circuit range/performance
B0506	GM	Passenger temp. control "Warmer" switch feedback circuit low
B0507	GM	Passenger temp. control "Warmer" switch feedback circuit high
B0508	GM	Passenger temp. control "Warmer" switch feedback circuit open
B0509	GM	Output air temperature sensor #3 (upper RH) circuit malfunction
B0511	GM	Output air temperature sensor #3 (upper RH) circuit low
B0512	GM	Output air temperature sensor #3 (upper RH) circuit high
B0513	GM	Output air temperature sensor #3 (upper RH) circuit open
B0514	GM	Output air temperature sensor #4 (lower RH) circuit malfunction
B0516	GM	Output air temperature sensor #4 (lower RH) circuit low
B0517	GM	Output air temperature sensor #4 (lower RH) circuit high
B0518	GM	Output air temperature sensor #4 (lower RH) circuit open
B0519	GM	Output air temperature sensor #5 (single rear output) circuit malfunction
B0521	GM	Output air temperature sensor #5 (single rear output) circuit low
B0522	GM	Output air temperature sensor #5 (single rear output) circuit high
B0523	GM	Output air temperature sensor #5 (single rear output) circuit open
B0525	GM	RH turn signal circuit malfunction
B0526	GM	RH turn signal circuit range/performance
B0527	GM	RH turn signal circuit low
B0528	GM	RH turn signal circuit high
B0529	GM	RH turn signal circuit open
B0531	GM	LH turn signal circuit range/performance
B0534	GM	LH turn signal circuit open
B0535	GM	Headlamp high beam indicator circuit malfunction
B0536	GM	Headlamp high beam indicator circuit range/performance
B0537	GM	Headlamp high beam indicator circuit low
B0538	GM	Headlamp high beam indicator circuit high
B0539	GM	Headlamp high beam indicator circuit open
B0540	GM	Speedometer circuit malfunction
B0541	GM	Speedometer circuit range/performance
B0542	GM	Speedometer circuit low
B0543	GM	Speedometer circuit high
B0544	GM	Speedometer circuit open
B0545	GM	MPH/km/h indicator circuit malfunction
B0546	GM	MPH/km/h indicator circuit range/performance
B0547	GM	MPH/km/h indicator circuit low
B0548	GM	MPH/km/h indicator circuit high
B0549	GM	MPH/km/h indicator circuit open
B0550	GM	Season odometer circuit malfunction
B0551	GM	Season odometer circuit range/performance
B0552	GM	Season odometer circuit low
B0553	GM	Season odometer circuit high

B0554	GM	Season odometer circuit open
B0555	GM	Trip odometer circuit malfunction
B0556	GM	Trip odometer circuit range/performance
B0557	GM	Trip odometer circuit low
B0558	GM	Trip odometer circuit high
B0559	GM	Trip odometer circuit open
B0560	GM	Tachometer circuit malfunction
B0561	GM	Tachometer circuit range/performance
B0562	GM	Tachometer circuit low
B0563	GM	Tachometer circuit high
B0564	GM	Tachometer circuit open
B0565	GM	Coolant temperature indicator circuit malfunction
B0566	GM	Coolant temperature indicator circuit range/performance
B0567	GM	Coolant temperature indicator circuit low
B0568	GM	Coolant temperature indicator circuit high
B0569	GM	Coolant temperature indicator circuit open
B0570	GM	Low coolant indicator circuit malfunction
B0571	GM	Low coolant indicator circuit range/performance
B0572	GM	Low coolant indicator circuit low
B0573	GM	Low coolant indicator circuit high
B0574	GM	Low coolant indicator circuit open
B0575	GM	Fuel level indicator circuit malfunction
B0576	GM	Fuel level indicator circuit range/performance
B0577	GM	Fuel level indicator circuit low
B0578	GM	Fuel level indicator circuit high
B0579	GM	Fuel level indicator circuit open
B0580	GM	Low fuel indicator circuit malfunction
B0581	GM	Low fuel indicator circuit range/performance
B0582	GM	Low fuel indicator circuit low
B0583	GM	Low fuel indicator circuit high
B0584	GM	Low fuel indicator circuit open
B0585	GM	Alternate fuel indicator circuit malfunction
B0586	GM	Alternate fuel indicator circuit range/performance
B0587	GM	Alternate fuel indicator circuit low
B0588	GM	Alternate fuel indicator circuit high
B0589	GM	Alternate fuel indicator circuit open
B0590	GM	Turbocharger/supercharger boost indicator circuit malfunction
B0591	GM	Turbocharger/supercharger boost indicator circuit range/performance
B0592	GM	Turbocharger/supercharger boost indicator circuit low
B0593	GM	Turbocharger/supercharger boost indicator circuit high
B0594	GM	Turbocharger/supercharger boost indicator circuit open
B0595	GM	Fasten seatbelt indicator circuit malfunction
B0596	GM	Fasten seatbelt indicator circuit range/performance
B0597	GM	Fasten seatbelt indicator circuit low
B0598	GM	Fasten seatbelt indicator circuit high
B0599	GM	Fasten seatbelt indicator gage circuit open
B0600	GM	Door #1 (LF) ajar indicator circuit malfunction
B0601	GM	Door #1 (LF) ajar indicator circuit range/performance
B0602	GM	Door #1 (LF) ajar indicator circuit low
B0603	GM	Door #1 (LF) ajar indicator circuit high
B0604	GM	Door #1 (LF) ajar indicator circuit open
B0605	GM	Door #2 (RF) ajar indicator circuit malfunction
B0606	GM	Door #2 (RF) ajar indicator circuit range/performance
B0607	GM	Door #2 (RF) ajar indicator circuit low
B0608	GM	Door #2 (RF) ajar indicator circuit high
B0609	GM	Door #2 (RF) ajar indicator circuit open
B0610	GM	Door #3 (LR pass. car or LH van sliding) ajar indicator circuit malfunction
B0611	GM	Door #3 (LR pass. car or LH van sliding) ajar indicator circuit range/performance
B0612	GM	Door #3 (LR pass. car or LH van sliding) ajar indicator circuit low
B0613	GM	Door #3 (LR pass. car or LH van sliding) ajar indicator circuit high
B0614	GM	Door #3 (LR pass. car or LH van sliding) ajar indicator circuit open
B0615	GM	Door #4 (RR pass. car or RH van sliding) ajar indicator circuit malfunction
B0616	GM	Door #4 (RR pass. car or RH van sliding) ajar indicator circuit range/performance
B0617	GM	Door #4 (RR pass. car or RH van sliding) ajar indicator circuit low
B0618	GM	Door #4 (RR pass. car or RH van sliding) ajar indicator circuit high
B0619	GM	Door #4 (RR pass. car or RH van sliding) ajar indicator circuit open
B0620	GM	Hood ajar indicator circuit malfunction
B0621	GM	Hood ajar indicator circuit range/performance
B0622	GM	Hood ajar indicator circuit low
B0623	GM	Hood ajar indicator circuit high
B0624	GM	Hood ajar indicator circuit open
B0625	GM	Trunk/hatch (pass. cars) ajar indicator circuit malfunction
B0626	GM	Trunk/hatch (pass. cars) ajar indicator circuit range/performance
B0627	GM	Trunk/hatch (pass. cars) ajar indicator circuit low
B0628	GM	Trunk/hatch (pass. cars) ajar indicator circuit high
B0629	GM	Trunk/hatch (pass. cars) ajar indicator circuit open
B0630	GM	Tailgate (pickup or util) ajar indicator circuit malfunction
B0631	GM	Tailgate (pickup or util) ajar indicator circuit range/performance

B0632	GM	Tailgate (pickup or util) ajar indicator circuit low
B0633	GM	Tailgate (pickup or util) ajar indicator circuit high
B0634	GM	Tailgate (pickup or util) ajar indicator circuit open
B0635	GM	Cargo door #1 (LH of doubles) ajar indicator circuit malfunction
B0636	GM	Cargo door #1 (LH of doubles) ajar indicator circuit range/performance
B0637	GM	Cargo door #1 (LH of doubles) ajar indicator circuit low
B0638	GM	Cargo door #1 (LH of doubles) ajar indicator circuit high
B0639	GM	Cargo door #1 (LH of doubles) ajar indicator circuit open
B0640	GM	Cargo door #2 (RH double) ajar indicator circuit malfunction
B0641	GM	Cargo door #2 (RH double) ajar indicator circuit range/performance
B0642	GM	Cargo door #2 (RH double) ajar indicator circuit low
B0643	GM	Cargo door #2 (RH double) ajar indicator circuit high
B0644	GM	Cargo door #2 (RH double) ajar indicator circuit open
B0645	GM	Lift glass ajar indicator circuit malfunction
B0646	GM	Lift glass ajar indicator circuit range/performance
B0647	GM	Lift glass ajar indicator circuit low
B0648	GM	Lift glass ajar indicator circuit high
B0649	GM	Lift glass ajar indicator circuit open
B0650	GM	Fuel filler door ajar indicator circuit malfunction
B0651	GM	Fuel filler door ajar indicator circuit range/performance
B0652	GM	Fuel filler door ajar indicator circuit low
B0653	GM	Fuel filler door ajar indicator circuit high
B0654	GM	Fuel filler door ajar indicator circuit open
B0655	GM	Brake (hydraulics and/or park brake) indicator circuit malfunction
B0656	GM	Brake (hydraulics and/or park brake) indicator circuit range/performance
B0657	GM	Brake (hydraulics and/or park brake) indicator circuit low
B0658	GM	Brake (hydraulics and/or park brake) indicator circuit high
B0659	GM	Brake (hydraulics and/or park brake) indicator circuit open
B0660	GM	Auto Park (Med. Truck) indicator circuit malfunction
B0661	GM	Auto Park (Med. Truck) indicator circuit range/performance
B0662	GM	Auto Park (Med. Truck) indicator circuit low
B0663	GM	Auto Park (Med. Truck) indicator circuit high
B0664	GM	Auto Park (Med. Truck) indicator circuit open
B0665	GM	Service ABS indicator circuit malfunction
B0666	GM	Service ABS indicator circuit range/performance
B0667	GM	Service ABS indicator circuit low
B0668	GM	Service ABS indicator circuit high
B0669	GM	Service ABS indicator circuit open
B0670	GM	Inflatable restraint system indicator #1 (main indicator) circuit malfunction
B0671	GM	Inflatable restraint system indicator #1 (main indicator) circuit range/performance
B0672	GM	Inflatable restraint system indicator #1 (main indicator) circuit low
B0673	GM	Inflatable restraint system indicator #1 (main indicator) circuit high
B0674	GM	Inflatable restraint system indicator #1 (main indicator) indicator circuit open
B0675	GM	Inflatable restraint system indicator #2 (redundant/secondary) circuit malfunction
B0676	GM	Inflatable restraint system indicator #2 (redundant/secondary) circuit range/performance
B0677	GM	Inflatable restraint system indicator #2 (redundant/secondary) circuit low
B0678	GM	Inflatable restraint system indicator #2 (redundant/secondary) circuit high
B0679	GM	Inflatable restraint system indicator #2 (redundant/secondary) indicator circuit open
B0680	GM	Passenger airbag disabled indicator circuit malfunction
B0681	GM	Passenger airbag disabled indicator circuit range/performance
B0682	GM	Passenger airbag disabled indicator circuit low
B0683	GM	Passenger airbag disabled indicator circuit high
B0684	GM	Passenger airbag disabled indicator circuit open
B0685	GM	Security system indicator circuit malfunction
B0686	GM	Security system indicator circuit range/performance
B0687	GM	Security system indicator circuit low
B0689	GM	Security system indicator circuit open
B0690	GM	Brake To Shift indicator circuit malfunction
B0691	GM	Brake To Shift indicator circuit range/performance
B0692	GM	Brake To Shift indicator circuit low
B0693	GM	Brake To Shift indicator circuit high
B0694	GM	Brake To Shift indicator circuit open
B0695	GM	Low oil level indicator circuit malfunction
B0696	GM	Low oil level indicator circuit range/performance
B0697	GM	Low oil level indicator circuit low
B0698	GM	Low oil level indicator circuit high
B0699	GM	Low oil level indicator circuit open
B0700	GM	Oil temperature indicator circuit malfunction
B0701	GM	Oil temperature indicator circuit range/performance
B0702	GM	Oil temperature indicator circuit low
B0703	GM	Oil temperature indicator circuit high
B0704	GM	Oil temperature indicator circuit open
B0705	GM	Oil pressure indicator circuit malfunction
B0706	GM	Oil pressure indicator circuit range/performance
B0707	GM	Oil pressure indicator circuit low
B0708	GM	Oil pressure indicator circuit high
B0709	GM	Oil pressure indicator circuit open
B0710	GM	Change oil indicator circuit malfunction

B0711	GM	Change oil indicator circuit range/performance
B0712	GM	Change oil indicator circuit low
B0713	GM	Change oil indicator circuit high
B0714	GM	Change oil indicator circuit open
B0715	GM	Message display system (dot matrix, reconfig. TT, etc.) circuit malfunction
B0716	GM	Message display system (dot matrix, reconfig. TT, etc.) circuit range/performance
B0717	GM	Message display system (dot matrix, reconfig. TT, etc.) circuit low
B0718	GM	Message display system (dot matrix, reconfig. TT, etc.) circuit high
B0719	GM	Message display system (dot matrix, reconfig. TT, etc.) circuit open
B0720	GM	PRNDL indicator circuit malfunction
B0721	GM	PRNDL indicator circuit range/performance
B0722	GM	PRNDL indicator circuit low
B0723	GM	PRNDL indicator circuit high
B0724	GM	PRNDL indicator circuit open
B0725	GM	P indicator circuit malfunction
B0726	GM	P indicator circuit range/performance
B0727	GM	P indicator circuit low
B0728	GM	P indicator circuit high
B0729	GM	P indicator circuit open
B0730	GM	R indicator circuit malfunction
B0731	GM	R indicator circuit range/performance
B0732	GM	R indicator circuit low
B0733	GM	R indicator circuit high
B0734	GM	R indicator circuit open
B0735	GM	N indicator circuit malfunction
B0736	GM	N indicator circuit range/performance
B0737	GM	N indicator circuit low
B0738	GM	N indicator circuit high
B0739	GM	N indicator circuit open
B0740	GM	OD indicator circuit malfunction
B0741	GM	OD indicator circuit range/performance
B0742	GM	OD indicator circuit low
B0743	GM	OD indicator circuit high
B0744	GM	OD indicator circuit open
B0745	GM	D indicator circuit malfunction
B0746	GM	D indicator circuit range/performance
B0747	GM	D indicator circuit low
B0748	GM	D indicator circuit high
B0749	GM	D indicator circuit open
B0750	GM	L indicator circuit malfunction
B0751	GM	L indicator circuit range/performance
B0752	GM	L indicator circuit low
B0753	GM	L indicator circuit high
B0754	GM	L indicator circuit open
B0755	GM	Low washer fluid indicator #1 (primary/front) circuit malfunction
B0756	GM	Low washer fluid indicator #1 (primary/front) circuit range/performance
B0757	GM	Low washer fluid indicator #1 (primary/front) circuit low
B0758	GM	Low washer fluid indicator #1 (primary/front) circuit high
B0759	GM	Low washer fluid indicator #1 (primary/front) circuit open
B0760	GM	Low washer fluid indicator #2 (secondary/rear) circuit malfunction
B0761	GM	Low washer fluid indicator #2 (secondary/rear) circuit range/performance
B0762	GM	Low washer fluid indicator #2 (secondary/rear) circuit low
B0763	GM	Low washer fluid indicator #2 (secondary/rear) circuit high
B0764	GM	Low washer fluid indicator #2 (secondary/rear) circuit open
B0765	GM	Service AWD/4WD indicator circuit malfunction
B0766	GM	Service AWD/4WD indicator circuit range/performance
B0767	GM	Service AWD/4WD indicator circuit low
B0769	GM	Service AWD/4WD indicator circuit open
B0770	GM	AWD/4WD indicator circuit malfunction
B0771	GM	AWD/4WD indicator circuit range/performance
B0772	GM	AWD/4WD indicator circuit low
B0773	GM	AWD/4WD indicator circuit high
B0774	GM	AWD/4WD indicator circuit open
B0775	GM	4HI indicator circuit malfunction
B0776	GM	4HI indicator circuit range/performance
B0777	GM	4HI indicator circuit low
B0778	GM	4HI indicator circuit high
B0779	GM	4HI indicator circuit open
B0780	GM	4LO indicator circuit malfunction
B0781	GM	4LO indicator circuit range/performance
B0782	GM	4LO indicator circuit low
B0783	GM	4LO indicator circuit high
B0784	GM	4LO indicator circuit open
B0785	GM	2HI indicator circuit malfunction
B0786	GM	2HI indicator circuit range/performance
B0787	GM	2HI indicator circuit low
B0788	GM	2HI indicator circuit high
B0789	GM	2HI indicator circuit open

B0790	GM	Transfer case Neutral indicator circuit malfunction
B0791	GM	Transfer case Neutral indicator circuit range/performance
B0792	GM	Transfer case Neutral indicator circuit low
B0793	GM	Transfer case Neutral indicator circuit high
B0794	GM	Transfer case Neutral indicator circuit open
B0795	GM	Transmission temperature indicator circuit malfunction
B0796	GM	Transmission temperature indicator circuit range/performance
B0797	GM	Transmission temperature indicator circuit low
B0798	GM	Transmission temperature indicator circuit high
B0799	GM	Transmission temperature indicator circuit open
B0800	GM	Transmission shift mode (Norm/Perf) indicator circuit malfunction
B0801	GM	Transmission shift mode (Norm/Perf) indicator circuit range/performance
B0802	GM	Transmission shift mode (Norm/Perf) indicator circuit low
B0803	GM	Transmission shift mode (Norm/Perf) indicator circuit high
B0804	GM	Transmission shift mode (Norm/Perf) indicator circuit open
B0805	GM	One-To-Four shift mode (ZF manual trans.) indicator circuit malfunction
B0806	GM	One-To-Four shift mode (ZF manual trans.) indicator circuit range/performance
B0807	GM	One-To-Four shift mode (ZF manual trans.) indicator circuit low
B0808	GM	One-To-Four shift mode (ZF manual trans.) indicator circuit high
B0809	GM	One-To-Four shift mode (ZF manual trans.) indicator circuit open
B0810	GM	Upshift indicator circuit malfunction
B0811	GM	Upshift indicator circuit range/performance
B0812	GM	Upshift indicator circuit low
B0813	GM	Upshift indicator circuit high
B0814	GM	Upshift indicator circuit open
B0815	GM	Service traction control system indicator circuit malfunction
B0816	GM	Service traction control system indicator circuit range/performance
B0817	GM	Service traction control system indicator circuit low
B0818	GM	Service traction control system indicator circuit high
B0819	GM	Service traction control system indicator circuit open
B0820	GM	Traction control system active indicator circuit malfunction
B0821	GM	Traction control system active indicator circuit range/performance
B0822	GM	Traction control system active indicator circuit low
B0823	GM	Traction control system active indicator circuit high
B0824	GM	Traction control system active indicator circuit open
B0825	GM	Traction control system off indicator circuit malfunction
B0826	GM	Traction control system off indicator circuit range/performance
B0827	GM	Traction control system off indicator circuit low
B0828	GM	Traction control system off indicator circuit high
B0829	GM	Traction control system off indicator circuit open
B0830	GM	Second gear start indicator circuit malfunction
B0831	GM	Second gear start indicator circuit range/performance
B0832	GM	Second gear start indicator circuit low
B0833	GM	Second gear start indicator circuit high
B0834	GM	Second gear start indicator circuit open
B0835	GM	Cruise control system active indicator circuit malfunction
B0836	GM	Cruise control system active indicator circuit range/performance
B0837	GM	Cruise control system active indicator circuit low
B0838	GM	Cruise control system active indicator circuit high
B0839	GM	Cruise control system active indicator circuit open
B0840	GM	Check gages indicator circuit malfunction
B0841	GM	Check gages indicator circuit range/performance
B0842	GM	Check gages indicator circuit low
B0843	GM	Check gages indicator circuit high
B0844	GM	Check gages indicator circuit open
B0845	GM	Water in fuel indicator circuit malfunction
B0847	GM	Water in fuel indicator circuit low
B0848	GM	Water in fuel indicator circuit high
B0849	GM	Water in fuel indicator circuit open
B0850	GM	Wait/Glow plugs indicator circuit malfunction
B0851	GM	Wait/Glow plugs indicator circuit range/performance
B0852	GM	Wait/Glow plugs indicator circuit low
B0853	GM	Wait/Glow plugs indicator circuit high
B0854	GM	Wait/Glow plugs indicator circuit open
B0855	GM	Battery voltage indicator circuit malfunction
B0857	GM	Battery voltage indicator circuit low
B0858	GM	Battery voltage indicator circuit high
B0859	GM	Battery voltage indicator circuit open
B0860	GM	Battery voltage high/low indicator circuit malfunction
B0861	GM	Battery voltage high/low indicator circuit range/performance
B0862	GM	Battery voltage high/low indicator circuit low
B0863	GM	Battery voltage high/low indicator circuit high
B0864	GM	Battery voltage high/low indicator circuit open
B0865	GM	Amperage indicator circuit malfunction
B0866	GM	Amperage indicator circuit range/performance
B0867	GM	Amperage indicator circuit low
B0868	GM	Amperage indicator circuit high
B0869	GM	Amperage indicator circuit open

B0870	GM	Low tire pressure indicator circuit malfunction
B0871	GM	Low tire pressure indicator circuit range/performance
B0872	GM	Low tire pressure indicator circuit low
B0873	GM	Low tire pressure indicator circuit high
B0874	GM	Low tire pressure indicator circuit open
B0875	GM	Service low tire pressure system indicator circuit malfunction
B0876	GM	Service low tire pressure system indicator circuit range/performance
B0877	GM	Service low tire pressure system indicator circuit low
B0878	GM	Service low tire pressure system indicator circuit high
B0879	GM	Service low tire pressure system indicator circuit open
B0880	GM	Chime system circuit malfunction
B0881	GM	Chime system circuit range/performance
B0882	GM	Chime system circuit low
B0883	GM	Chime system circuit high
B0884	GM	Chime system circuit open
B0885	GM	Chime rate 0 (slow) indicator circuit malfunction
B0886	GM	Chime rate 0 (slow) indicator circuit range/performance
B0887	GM	Chime rate 0 (slow) indicator circuit low
B0888	GM	Chime rate 0 (slow) indicator circuit high
B0889	GM	Chime rate 0 (slow) indicator circuit open
B0890	GM	Chime rate 1 (medium) indicator circuit malfunction
B0891	GM	Chime rate 1 (medium) indicator circuit range/performance
B0892	GM	Chime rate 1 (medium) indicator circuit low
B0893	GM	Chime rate 1 (medium) indicator circuit high
B0894	GM	Chime rate 1 (medium) indicator circuit open
B0895	GM	Chime rate 2 (high) indicator circuit malfunction
B0896	GM	Chime rate 2 (high) indicator circuit range/performance
B0897	GM	Chime rate 2 (high) indicator circuit low
B0898	GM	Chime rate 2 (high) indicator circuit high
B0899	GM	Chime rate 2 (high) indicator circuit open
B0900	GM	Chime rate 3 (single chime) indicator circuit malfunction
B0901	GM	Chime rate 3 (single chime) indicator circuit range/performance
B0902	GM	Chime rate 3 (single chime) indicator circuit low
B0903	GM	Chime rate 3 (single chime) indicator circuit high
B0904	GM	Chime rate 3 (single chime) indicator circuit open
B0905	GM	Body computer systems indicator circuit malfunction
B0906	GM	Body computer systems indicator circuit range/performance
B0907	GM	Body computer systems indicator circuit low
B0908	GM	Body computer systems indicator circuit high
B0909	GM	Body computer systems indicator circuit open
B0910	GM	Steering assist system (EVO, MSVA, etc.) indicator circuit malfunction
B0911	GM	Steering assist system (EVO, MSVA, etc.) indicator circuit range/performance
B0912	GM	Steering assist system (EVO, MSVA, etc.) indicator circuit low
B0913	GM	Steering assist system (EVO, MSVA, etc.) indicator circuit high
B0914	GM	Steering assist system (EVO, MSVA, etc.) indicator circuit open
B0915	GM	Catalytic converter overtemperature (export) indicator circuit malfunction
B0916	GM	Catalytic converter overtemperature (export) indicator circuit range/performance
B0917	GM	Catalytic converter overtemperature (export) indicator circuit low
B0918	GM	Catalytic converter overtemperature (export) indicator circuit high
B0919	GM	Catalytic converter overtemperature (export) indicator circuit open
B0920	GM	Overspeed (export) indicator circuit malfunction
B0921	GM	Overspeed (export) indicator circuit range/performance
B0922	GM	Overspeed (export) indicator circuit low
B0923	GM	Overspeed (export) indicator circuit high
B0924	GM	Overspeed (export) indicator circuit open
B0925	GM	Reconfigurable Telltale Temperature (RTT) out of range
B0926	GM	Service AHLD indicator circuit malfunction
B0927	GM	Service AHLD indicator circuit range/performance
B0928	GM	Service AHLD indicator circuit low
B0929	GM	Service AHLD indicator circuit high
B0930	GM	Service AHLD indicator circuit open
B0931	GM	Compass sensor circuit malfunction
B0932	GM	Compass sensor circuit range/performance
B0933	GM	Compass sensor circuit low
B0934	GM	Compass sensor circuit high
B0935	GM	Compass sensor circuit open
B0936	GM	Coolant level sensor circuit malfunction
B0937	GM	Coolant level sensor circuit range/performance
B0938	GM	Coolant level sensor circuit low
B0939	GM	Coolant level sensor circuit high
B0940	GM	Coolant level sensor circuit open
B0941	GM	Level control system indicator circuit malfunction
B0942	GM	Level control system indicator circuit range/performance
B0943	GM	Level control system indicator circuit low
B0944	GM	Level control system indicator circuit high
B0945	GM	Level control system indicator circuit open
B0946	GM	Suspension control selection indicator circuit malfunction
B0947	GM	Suspension control selection indicator circuit range/performance

B0948	GM	Suspension control selection indicator circuit low
B0949	GM	Suspension control selection indicator circuit high
B0950	GM	Suspension control selection indicator circuit open
B0951	GM	Headlamps on indicator circuit malfunction
B1002	GM	Improper shutdown
B1020	GM	Auxiliary ECU malfunction
B1027	GM	Audio [+] output #1 (LF) circuit low
B1028	GM	Audio [+] output #1 (LF) circuit high
B1029	GM	Audio [+] output #1 (LF) circuit open
B1030	GM	Audio [-] output #1 (LF) malfunction
B1031	GM	Audio [-] output #1 (LF) circuit range/performance
B1032	GM	Audio [-] output #1 (LF) circuit low
B1033	GM	Audio [-] output #1 (LF) circuit high
B1034	GM	Audio [-] output #1 (LF) circuit open
B1037	GM	Audio [+] output #2 (RF) circuit low
B1038	GM	Audio [+] output #2 (RF) circuit high
B1039	GM	Audio [+] output #2 (RF) circuit open
B1040	GM	Audio [-] output #2 (RF) malfunction
B1041	GM	Audio [-] output #2 (RF) circuit range/performance
B1042	GM	Audio [-] output #2 (RF) circuit low
B1043	GM	Audio [-] output #2 (RF) circuit high
B1044	GM	Audio [-] output #2 (RF) circuit open
B1045	GM	Audio [+] output #3 (LR) malfunction
B1046	GM	Audio [+] output #3 (LR) circuit range/performance
B1047	GM	Audio [+] output #3 (LR) circuit low
B1048	GM	Audio [+] output #3 (LR) circuit high
B1049	GM	Audio [+] output #3 (LR) circuit open
B1050	GM	Audio [-] output #3 (LR) malfunction
B1052	GM	Audio [-] output #3 (LR) circuit low
B1055	GM	Audio [+] output #4 (RR) malfunction
B1056	GM	Audio [+] output #4 (RR) circuit range/performance
B1057	GM	Audio [+] output #4 (RR) circuit low
B1058	GM	Audio [+] output #4 (RR) circuit high
B1059	GM	Audio [+] output #4 (RR) circuit open
B1060	GM	Audio [-] output #4 (RR) malfunction
B1062	GM	Audio [-] output #4 (RR) circuit low
B1063	GM	Audio [-] output #4 (RR) circuit high
B1064	GM	Audio [-] output #4 (RR) circuit open
B1065	GM	Audio [+] output #5 (TBD) malfunction
B1066	GM	Audio [+] output #5 (TBD) circuit range/performance
B1067	GM	Audio [+] output #5 (TBD) circuit low
B1068	GM	Audio [+] output #5 (TBD) circuit high
B1069	GM	Audio [+] output #5 (TBD) circuit open
B1070	GM	Audio [-] output #5 (TBD) malfunction
B1072	GM	Audio [-] output #5 (TBD) circuit low
B1073	GM	Audio [-] output #5 (TBD) circuit high
B1074	GM	Audio [-] output #5 (TBD) circuit open
B1075	GM	Audio [+] output #6 (TBD) malfunction
B1076	GM	Audio [+] output #6 (TBD) circuit range/performance
B1077	GM	Audio [+] output #6 (TBD) circuit low
B1078	GM	Audio [+] output #6 (TBD) circuit high
B1079	GM	Audio [+] output #6 (TBD) circuit open
B1080	GM	Audio [-] output #6 (TBD) malfunction
B1081	GM	Audio [-] output #6 (TBD) circuit range/performance
B1082	GM	Audio [-] output #6 (TBD) circuit low
B1083	GM	Audio [-] output #6 (TBD) circuit high
B1084	GM	Audio [-] output #6 (TBD) circuit open
B1085	GM	Audio [+] output #7 (TBD) malfunction
B1086	GM	Audio [+] output #7 (TBD) circuit range/performance
B1087	GM	Audio [+] output #7 (TBD) circuit low
B1088	GM	Audio [+] output #7 (TBD) circuit high
B1089	GM	Audio [+] output #7 (TBD) circuit open
B1090	GM	Audio [-] output #7 (TBD) malfunction
B1091	GM	Audio [-] output #7 (TBD) circuit range/performance
B1092	GM	Audio [-] output #7 (TBD) circuit low
B1093	GM	Audio [-] output #7 (TBD) circuit high
B1094	GM	Audio [-] output #7 (TBD) circuit open
B1095	GM	Audio [+] output #8 (TBD) malfunction
B1096	GM	Audio [+] output #8 (TBD) circuit range/performance
B1097	GM	Audio [+] output #8 (TBD) circuit low
B1098	GM	Audio [+] output #8 (TBD) circuit high
B1099	GM	Audio [+] output #8 (TBD) circuit open
B1100	GM	Audio [-] output #8 (TBD) malfunction
B1101	GM	Audio [-] output #8 (TBD) circuit range/performance
B1102	GM	Audio [-] output #8 (TBD) circuit low
B1103	GM	Audio [-] output #8 (TBD) circuit high
B1104	GM	Audio [-] output #8 (TBD) circuit open
B1105	GM	Audio [+] output #9 (TBD) malfunction

B1106	GM	Audio [+] output #9 (TBD) circuit range/performance
B1107	GM	Audio [+] output #9 (TBD) circuit low
B1108	GM	Audio [+] output #9 (TBD) circuit high
B1109	GM	Audio [+] output #9 (TBD) circuit open
B1110	GM	Audio [-] output #9 (TBD) malfunction
B1111	GM	Audio [-] output #9 (TBD) circuit range/performance
B1112	GM	Audio [-] output #9 (TBD) circuit low
B1113	GM	Audio [-] output #9 (TBD) circuit high
B1114	GM	Audio [-] output #9 (TBD) circuit open
B1118	GM	Audio [+] output #10 (TBD) circuit high
B1119	GM	Audio [+] output #10 (TBD) circuit open
B1120	GM	Audio [-] output #10 (TBD) malfunction
B1123	GM	Audio [-] output #10 (TBD) circuit high
B1127	GM	Audio [+] output #11 (TBD) circuit low
B1128	GM	Audio [+] output #11 (TBD) circuit high
B1129	GM	Audio [+] output #11 (TBD) circuit open
B1130	GM	Audio [-] output #11 (TBD) malfunction
B1133	GM	Audio [-] output #11 (TBD) circuit high
B1137	GM	Audio [+] output #12 (TBD) circuit low
B1138	GM	Audio [+] output #12 (TBD) circuit high
B1139	GM	Audio [+] output #12 (TBD) circuit open
B1140	GM	Audio [-] output #12 (TBD) malfunction
B1143	GM	Audio [-] output #12 (TBD) circuit high
B1149	GM	Audio [+] output #13 (TBD) circuit open
B1150	GM	Audio [-] output #13 (TBD) malfunction
B1154	GM	Audio [-] output #13 (TBD) circuit open
B1156	GM	Audio [+] output #14 (TBD) circuit range/performance
B1157	GM	Audio [+] output #14 (TBD) circuit low
B1158	GM	Audio [+] output #14 (TBD) circuit high
B1162	GM	Audio [-] output #14 (TBD) circuit low
B1164	GM	Audio [-] output #14 (TBD) circuit open
B1165	GM	Audio [+] output #15 (TBD) malfunction
B1166	GM	Audio [+] output #15 (TBD) circuit range/performance
B1167	GM	Audio [+] output #15 (TBD) circuit low
B1168	GM	Audio [+] output #15 (TBD) circuit high
B1169	GM	Audio [+] output #15 (TBD) circuit open
B1170	GM	Audio [-] output #15 (TBD) malfunction
B1172	GM	Audio [-] output #15 (TBD) circuit low
B1173	GM	Audio [-] output #15 (TBD) circuit high
B1174	GM	Audio [-] output #15 (TBD) circuit open
B1175	GM	Audio [+] output #16 (TBD) malfunction
B1176	GM	Audio [+] output #16 (TBD) circuit range/performance
B1177	GM	Audio [+] output #16 (TBD) circuit low
B1178	GM	Audio [+] output #16 (TBD) circuit high
B1179	GM	Audio [+] output #16 (TBD) circuit open
B1180	GM	Audio [-] output #16 (TBD) malfunction
B1181	GM	Audio [-] output #16 (TBD) circuit range/performance
B1182	GM	Audio [-] output #16 (TBD) circuit low
B1183	GM	Audio [-] output #16 (TBD) circuit high
B1184	GM	Audio [-] output #16 (TBD) circuit open
B1185	GM	Audio [+] output #17 (TBD) malfunction
B1186	GM	Audio [+] output #17 (TBD) circuit range/performance
B1187	GM	Audio [+] output #17 (TBD) circuit low
B1188	GM	Audio [+] output #17 (TBD) circuit high
B1189	GM	Audio [+] output #17 (TBD) circuit open
B1190	GM	Audio [-] output #17 (TBD) malfunction
B1191	GM	Audio [-] output #17 (TBD) circuit range/performance
B1192	GM	Audio [-] output #17 (TBD) circuit low
B1193	GM	Audio [-] output #17 (TBD) circuit high
B1194	GM	Audio [-] output #17 (TBD) circuit open
B1195	GM	Audio [+] output #18 (TBD) malfunction
B1196	GM	Audio [+] output #18 (TBD) circuit range/performance
B1197	GM	Audio [+] output #18 (TBD) circuit low
B1198	GM	Audio [+] output #18 (TBD) circuit high
B1199	GM	Audio [+] output #18 (TBD) circuit open
B1200	GM	Audio [-] output #18 (TBD) malfunction
B1201	GM	Audio [-] output #18 (TBD) circuit range/performance
B1202	GM	Audio [-] output #18 (TBD) circuit low
B1203	GM	Audio [-] output #18 (TBD) circuit high
B1204	GM	Audio [-] output #18 (TBD) circuit open
B1205	GM	Audio [+] output #19 (TBD) malfunction
B1206	GM	Audio [+] output #19 (TBD) circuit range/performance
B1207	GM	Audio [+] output #19 (TBD) circuit low
B1208	GM	Audio [+] output #19 (TBD) circuit high
B1209	GM	Audio [+] output #19 (TBD) circuit open
B1210	GM	Audio [-] output #19 (TBD) malfunction
B1211	GM	Audio [-] output #19 (TBD) circuit range/performance
B1212	GM	Audio [-] output #19 (TBD) circuit low

B1213	GM	Audio [-] output #19 (TBD) circuit high
B1214	GM	Audio [-] output #19 (TBD) circuit open
B1215	GM	Audio [+] output #20 (TBD) malfunction
B1216	GM	Audio [+] output #20 (TBD) circuit range/performance
B1217	GM	Audio [+] output #20 (TBD) circuit low
B1218	GM	Audio [+] output #20 (TBD) circuit high
B1219	GM	Audio [+] output #20 (TBD) circuit open
B1220	GM	Audio [-] output #20 (TBD) malfunction
B1221	GM	Audio [-] output #20 (TBD) circuit range/performance
B1222	GM	Audio [-] output #20 (TBD) circuit low
B1223	GM	Audio [-] output #20 (TBD) circuit high
B1224	GM	Audio [-] output #20 (TBD) circuit open
B1225	GM	Tape player ON signal circuit malfunction
B1226	GM	Tape player ON signal circuit range/performance
B1227	GM	Tape player ON signal circuit low
B1228	GM	Tape player ON signal circuit high
B1229	GM	Tape player ON signal circuit open
B1230	GM	CD player ON signal circuit malfunction
B1231	GM	CD player ON signal circuit range/performance
B1232	GM	CD player ON signal circuit low
B1233	GM	CD player ON signal circuit high
B1234	GM	CD player ON signal circuit open
B1235	GM	Amplifier ON signal circuit malfunction
B1236	GM	Amplifier ON signal circuit range/performance
B1237	GM	Amplifier ON signal circuit low
B1238	GM	Amplifier ON signal circuit high
B1239	GM	Amplifier ON signal circuit open
B1240	GM	CD player not responding
B1241	GM	CD player tracking malfunction
B1242	GM	CD player focus malfunction
B1243	GM	CD player load/unload malfunction
B1244	GM	CD player disk upside down
B1246	GM	CD changer tracking malfunction
B1247	GM	CD changer focus malfunction
B1248	GM	CD changer load/unload malfunction
B1249	GM	CD changer disk upside down
B1250	GM	Cassette tape slow
B1251	GM	Cassette tape fast
B1252	GM	Cassette not responding
B1253	GM	Cassette head cleaning required
B1254	GM	Audio system security circuit malfunction
B1255	GM	Audio system security circuit range/performance
B1256	GM	Audio system security circuit low
B1257	GM	Audio system security circuit high
B1258	GM	Audio system security circuit open
B1259	GM	Antenna ground circuit malfunction
B1260	GM	Antenna ground circuit range/performance
B1261	GM	Antenna ground circuit low
B1262	GM	Antenna ground circuit high
B1263	GM	Antenna ground circuit open
B1264	GM	Switched antenna malfunction
B1265	GM	Switched 14 volt malfunction
B1266	GM	Switched internal battery malfunction
B1267	GM	16 volt malfunction
B1268	GM	Cassette tight tape
B1269	GM	Cassette load/unload error
B1270	GM	Cassette cut tape
B1325	GM	Device power #1 (low current #1) circuit malfunction
B1326	GM	Device power #1 (low current #1) circuit range/performance
B1329	GM	Device power #1 (low current #1) circuit open
B1334	GM	Device power #2 (low current #2) circuit open
B1335	GM	Device power #3 (high current #1) circuit malfunction
B1336	GM	Device power #3 (high current #1) circuit range/performance
B1337	GM	Device power #3 (high current #1) circuit low
B1338	GM	Device power #3 (high current #1) circuit high
B1339	GM	Device power #3 (high current #1) circuit open
B1342	GM	Device power #4 (high current #2) circuit low
B1345	GM	Device ground #1 (chassis gnd #1) circuit malfunction
B1346	GM	Device ground #1 (chassis gnd #1) circuit range/performance
B1349	GM	Device ground #1 (chassis gnd #1) circuit open
B1351	GM	Device ground #2 (chassis gnd #2) circuit range/performance
B1352	GM	Device ground #2 (chassis gnd #2) circuit low
B1353	GM	Device ground #2 (chassis gnd #2) circuit high
B1354	GM	Device ground #2 (chassis gnd #2) circuit open
B1355	GM	Device ground #3 (signal gnd #1) circuit malfunction
B1356	GM	Device ground #3 (signal gnd #1) circuit range/performance
B1357	GM	Device ground #3 (signal gnd #1) circuit low
B1358	GM	Device ground #3 (signal gnd #1) circuit high

B1359	GM	Device ground #3 (signal gnd #1) circuit open
B1360	GM	Device ground #4 (signal gnd #2) circuit malfunction
B1361	GM	Device ground #4 (signal gnd #2) circuit range/performance
B1362	GM	Device ground #4 (signal gnd #2) circuit low
B1363	GM	Device ground #4 (signal gnd #2) circuit high
B1364	GM	Device ground #4 (signal gnd #2) circuit open
B1365	GM	Device ignition 0 (UNLOCK/ON/START) circuit malfunction
B1366	GM	Device ignition 0 (UNLOCK/ON/START) circuit range/performance
B1367	GM	Device ignition 0 (UNLOCK/ON/START) circuit low
B1368	GM	Device ignition 0 (UNLOCK/ON/START) circuit high
B1369	GM	Device ignition 0 (UNLOCK/ON/START) circuit open
B1370	GM	Device ignition 1 (ON/START) circuit malfunction
B1371	GM	Device ignition 1 (ON/START) circuit range/performance
B1372	GM	Device ignition 1 (ON/START) circuit low
B1373	GM	Device ignition 1 (ON/START) circuit high
B1374	GM	Device ignition 1 (ON/START) circuit open
B1375	GM	Device ignition 3 (ON) circuit malfunction
B1376	GM	Device ignition 3 (ON) circuit range/performance
B1377	GM	Device ignition 3 (ON) circuit low
B1378	GM	Device ignition 3 (ON) circuit high
B1379	GM	Device ignition 3 (ON) circuit open
B1380	GM	Device ignition ACC circuit malfunction
B1381	GM	Device ignition ACC circuit range/performance
B1382	GM	Device ignition ACC circuit low
B1383	GM	Device ignition ACC circuit high
B1384	GM	Device ignition ACC circuit open
B1385	GM	Device ignition START circuit malfunction
B1386	GM	Device ignition START circuit range/performance
B1387	GM	Device ignition START circuit low
B1388	GM	Device ignition START circuit high
B1389	GM	Device ignition START circuit open
B1391	GM	Device voltage reference input #1 circuit range/performance
B1392	GM	Device voltage reference input #1 circuit low
B1393	GM	Device voltage reference input #1 circuit high
B1394	GM	Device voltage reference input #1 circuit open
B1395	GM	Device voltage reference output #1 circuit malfunction
B1397	GM	Device voltage reference output #1 circuit low
B1398	GM	Device voltage reference output #1 circuit high
B1400	GM	Device voltage reference input #2 circuit malfunction
B1401	GM	Device voltage reference input #2 circuit range/performance
B1402	GM	Device voltage reference input #2 circuit low
B1403	GM	Device voltage reference input #2 circuit high
B1404	GM	Device voltage reference input #2 circuit open
B1405	GM	Device voltage reference output #2 circuit malfunction
B1406	GM	Device voltage reference output #2 circuit range/performance
B1407	GM	Device voltage reference output #2 circuit low
B1408	GM	Device voltage reference output #2 circuit high
B1409	GM	Device voltage reference output #2 circuit open
B1410	GM	Device voltage reference input #3 circuit malfunction
B1411	GM	Device voltage reference input #3 circuit range/performance
B1412	GM	Device voltage reference input #3 circuit low
B1413	GM	Device voltage reference input #3 circuit high
B1414	GM	Device voltage reference input #3 circuit open
B1415	GM	Device voltage reference output #3 circuit malfunction
B1416	GM	Device voltage reference output #3 circuit range/performance
B1417	GM	Device voltage reference output #3 circuit low
B1418	GM	Device voltage reference output #3 circuit high
B1419	GM	Device voltage reference output #3 circuit open
B1420	GM	Device voltage malfunction
B1421	GM	Device voltage range/performance
B1423	GM	Device power and/or ground circuit malfunction
B1424	GM	Device #1 voltage low
B1425	GM	Device #1 voltage high
B1426	GM	Device #2 voltage low
B1427	GM	Device #2 voltage high
B1428	GM	Ignition-switched power relay #1 circuit malfunction
B1429	GM	Ignition-switched power relay #1 circuit range/performance
B1430	GM	Ignition-switched power relay #1 circuit low
B1431	GM	Ignition-switched power relay #1 circuit high
B1432	GM	Ignition-switched power relay #1 circuit open
B1433	GM	Ignition-switched power relay #2 circuit malfunction
B1434	GM	Ignition-switched power relay #2 circuit range/performance
B1435	GM	Ignition-switched power relay #2 circuit low
B1436	GM	Ignition-switched power relay #2 circuit high
B1437	GM	Ignition-switched power relay #2 circuit open
B1439	GM	Intermittent device voltage range/performance
B1440	GM	Power mode master input circuits mismatch
B1441	GM	Device ignition OFF/RUN/CRANK circuit malfunction

B1442	GM	Device ignition OFF/RUN/CRANK circuit low
B1443	GM	Device ignition OFF/RUN/CRANK circuit high
B1444	GM	Device backup power malfunction
B1445	GM	Device voltage output #1 circuit malfunction
B1475	GM	Retained accessory power circuit malfunction
B1476	GM	Retained accessory power circuit range/performance
B1477	GM	Retained accessory power circuit low
B1478	GM	Retained accessory power circuit high
B1479	GM	Retained accessory power circuit open
B1480	GM	Battery rundown protection circuit malfunction
B1481	GM	Battery rundown protection circuit range/performance
B1482	GM	Battery rundown protection circuit low
B1483	GM	Battery rundown protection circuit high
B1484	GM	Battery rundown protection circuit open
B1485	GM	Generator L-terminal circuit malfunction
B1486	GM	Generator L-terminal circuit range/performance
B1487	GM	Generator L-terminal circuit low
B1488	GM	Generator L-terminal circuit high
B1489	GM	Generator L-terminal circuit open
B1490	GM	F-terminal circuit malfunction
B1491	GM	F-terminal circuit range/performance
B1492	GM	F-terminal circuit low
B1493	GM	F-terminal circuit high
B1494	GM	F-terminal circuit open
B1495	GM	Exterior lamp power circuit malfunction
B1496	GM	Exterior lamp power circuit range/performance
B1497	GM	Exterior lamp power circuit low
B1498	GM	Exterior lamp power circuit high
B1499	GM	Exterior lamp power circuit open
B1500	GM	Low power control circuit malfunction
B1501	GM	Low power control circuit range/performance
B1502	GM	Low power control circuit low
B1503	GM	Low power control circuit high
B1504	GM	Low power control circuit open
B1505	GM	High power control circuit malfunction
B1506	GM	High power control circuit range/performance
B1507	GM	High power control circuit low
B1508	GM	High power control circuit high
B1509	GM	High power control circuit open
B1510	GM	Storage mode entered
B1511	GM	Battery voltage low -- generator malfunction
B1512	GM	AD power circuit malfunction
B1550	GM	Mirror LF/RF select switch circuit malfunction
B1551	GM	Mirror LF/RF select switch circuit range/performance
B1553	GM	Mirror LF/RF select switch circuit high
B1554	GM	Mirror LF/RF select switch circuit open
B1555	GM	LF/RF mirror control switch assembly circuit malfunction
B1559	GM	LF/RF mirror control switch assembly circuit open
B1560	GM	Mirror right control switch circuit malfunction
B1561	GM	Mirror right control switch circuit range/performance
B1562	GM	Mirror right control switch circuit low
B1563	GM	Mirror right control switch circuit high
B1564	GM	Mirror right control switch circuit open
B1565	GM	Mirror left control switch circuit malfunction
B1566	GM	Mirror left control switch circuit range/performance
B1567	GM	Mirror left control switch circuit low
B1568	GM	Mirror left control switch circuit high
B1569	GM	Mirror left control switch circuit open
B1570	GM	Mirror up control switch circuit malfunction
B1571	GM	Mirror up control switch circuit range/performance
B1572	GM	Mirror up control switch circuit low
B1573	GM	Mirror up control switch circuit high
B1574	GM	Mirror up control switch circuit open
B1575	GM	Mirror down control switch circuit malfunction
B1576	GM	Mirror down control switch circuit range/performance
B1577	GM	Mirror down control switch circuit low
B1578	GM	Mirror down control switch circuit high
B1579	GM	Mirror down control switch circuit open
B1580	GM	LF mirror horizontal position sensor circuit malfunction
B1581	GM	LF mirror horizontal position sensor circuit range/performance
B1582	GM	LF mirror horizontal position sensor circuit low
B1583	GM	LF mirror horizontal position sensor circuit high
B1584	GM	LF mirror horizontal position sensor circuit open
B1585	GM	LF mirror horizontal position feedback circuit malfunction
B1587	GM	LF mirror horizontal position feedback circuit low
B1588	GM	LF mirror horizontal position feedback circuit high
B1589	GM	LF mirror horizontal position feedback circuit open
B1590	GM	LF mirror vertical position sensor circuit malfunction

B1592	GM	LF mirror vertical position sensor circuit low
B1593	GM	LF mirror vertical position sensor circuit high
B1594	GM	LF mirror vertical position sensor circuit open
B1595	GM	LF mirror vertical position feedback circuit malfunction
B1596	GM	LF mirror vertical position feedback circuit range/performance
B1597	GM	LF mirror vertical position feedback circuit low
B1598	GM	LF mirror vertical position feedback circuit high
B1599	GM	LF mirror vertical position feedback circuit open
B1600	GM	LF mirror motor #1 (single motor or vertical) circuit malfunction
B1601	GM	LF mirror motor #1 (single motor or vertical) circuit range/performance
B1602	GM	LF mirror motor #1 (single motor or vertical) circuit low
B1603	GM	LF mirror motor #1 (single motor or vertical) circuit high
B1604	GM	LF mirror motor #1 (single motor or vertical) circuit open
B1605	GM	LF mirror motor #2 (horizontal) circuit malfunction
B1606	GM	LF mirror motor #2 (horizontal) circuit range/performance
B1607	GM	LF mirror motor #2 (horizontal) circuit low
B1608	GM	LF mirror motor #2 (horizontal) circuit high
B1609	GM	LF mirror motor #2 (horizontal) circuit open
B1610	GM	RF mirror horizontal position sensor circuit malfunction
B1611	GM	RF mirror horizontal position sensor circuit range/performance
B1612	GM	RF mirror horizontal position sensor circuit low
B1613	GM	RF mirror horizontal position sensor circuit high
B1614	GM	RF mirror horizontal position sensor circuit open
B1615	GM	RF mirror horizontal position feedback circuit malfunction
B1616	GM	RF mirror horizontal position feedback circuit range/performance
B1617	GM	RF mirror horizontal position feedback circuit low
B1618	GM	RF mirror horizontal position feedback circuit high
B1619	GM	RF mirror horizontal position feedback circuit open
B1620	GM	RF mirror vertical position sensor circuit malfunction
B1621	GM	RF mirror vertical position sensor circuit range/performance
B1622	GM	RF mirror vertical position sensor circuit low
B1623	GM	RF mirror vertical position sensor circuit high
B1624	GM	RF mirror vertical position sensor circuit open
B1625	GM	RF mirror vertical position feedback circuit malfunction
B1626	GM	RF mirror vertical position feedback circuit range/performance
B1627	GM	RF mirror vertical position feedback circuit low
B1628	GM	RF mirror vertical position feedback circuit high
B1629	GM	RF mirror vertical position feedback circuit open
B1630	GM	RF mirror motor #1 (single motor or vertical) circuit malfunction
B1631	GM	RF mirror motor #1 (single motor or vertical) circuit range/performance
B1632	GM	RF mirror motor #1 (single motor or vertical) circuit low
B1633	GM	RF mirror motor #1 (single motor or vertical) circuit high
B1634	GM	RF mirror motor #1 (single motor or vertical) circuit open
B1635	GM	RF mirror motor #2 (horizontal) circuit malfunction
B1636	GM	RF mirror motor #2 (horizontal) circuit range/performance
B1637	GM	RF mirror motor #2 (horizontal) circuit low
B1638	GM	RF mirror motor #2 (horizontal) circuit high
B1639	GM	RF mirror motor #2 (horizontal) circuit open
B1640	GM	LF mirror heater circuit malfunction
B1641	GM	LF mirror heater circuit range/performance
B1642	GM	LF mirror heater circuit low
B1643	GM	LF mirror heater circuit high
B1644	GM	LF mirror heater circuit open
B1645	GM	RF mirror heater circuit malfunction
B1646	GM	RF mirror heater circuit range/performance
B1647	GM	RF mirror heater circuit low
B1648	GM	RF mirror heater circuit high
B1649	GM	RF mirror heater circuit open
B1650	GM	LF mirror transmission reverse gear circuit malfunction
B1651	GM	LF mirror transmission reverse gear circuit range/performance
B1653	GM	LF mirror transmission reverse gear circuit high
B1654	GM	LF mirror transmission reverse gear circuit open
B1655	GM	RF mirror transmission reverse gear circuit malfunction
B1657	GM	RF mirror transmission reverse gear circuit low
B1659	GM	RF mirror transmission reverse gear circuit open
B1660	GM	Inside rearview mirror vertical position sensor circuit malfunction
B1661	GM	Inside rearview mirror vertical position sensor circuit range/performance
B1662	GM	Inside rearview mirror vertical position sensor circuit low
B1663	GM	Inside rearview mirror vertical position sensor circuit high
B1664	GM	Inside rearview mirror vertical position sensor circuit open
B1665	GM	Inside rearview mirror vertical position feedback circuit malfunction
B1666	GM	Inside rearview mirror vertical position feedback circuit range/performance
B1667	GM	Inside rearview mirror vertical position feedback circuit low
B1668	GM	Inside rearview mirror vertical position feedback circuit high
B1669	GM	Inside rearview mirror vertical position feedback circuit open
B1670	GM	Inside rearview mirror horizontal position sensor circuit malfunction
B1671	GM	Inside rearview mirror horizontal position sensor circuit range/performance
B1672	GM	Inside rearview mirror horizontal position sensor circuit low

B1673	GM	Inside rearview mirror horizontal position sensor circuit high
B1674	GM	Inside rearview mirror horizontal position sensor circuit open
B1675	GM	Inside rearview mirror horizontal position feedback circuit malfunction
B1676	GM	Inside rearview mirror horizontal position feedback circuit range/performance
B1677	GM	Inside rearview mirror horizontal position feedback circuit low
B1678	GM	Inside rearview mirror horizontal position feedback circuit high
B1679	GM	Inside rearview mirror horizontal position feedback circuit open
B1680	GM	Inside rearview mirror motor #1 (single motor or vertical) circuit malfunction
B1681	GM	Inside rearview mirror motor #1 (single motor or vertical) circuit range/performance
B1682	GM	Inside rearview mirror motor #1 (single motor or vertical) circuit low
B1683	GM	Inside rearview mirror motor #1 (single motor or vertical) circuit high
B1684	GM	Inside rearview mirror motor #1 (single motor or vertical) circuit open
B1685	GM	Inside rearview mirror motor #2 (horizontal) circuit malfunction
B1686	GM	Inside rearview mirror motor #2 (horizontal) circuit range/performance
B1687	GM	Inside rearview mirror motor #2 (horizontal) circuit low
B1688	GM	Inside rearview mirror motor #2 (horizontal) circuit high
B1689	GM	Inside rearview mirror motor #2 (horizontal) circuit open
B1690	GM	Inside rearview mirror transmission reverse gear circuit malfunction
B1691	GM	Inside rearview mirror transmission reverse gear circuit range/performance
B1692	GM	Inside rearview mirror transmission reverse gear circuit low
B1693	GM	Inside rearview mirror transmission reverse gear circuit high
B1694	GM	Inside rearview mirror transmission reverse gear circuit open
B1695	GM	Mirror left-up control switch circuit malfunction
B1696	GM	Mirror left-up control switch circuit range/performance
B1699	GM	Mirror left-up control switch circuit open
B1700	GM	Mirror left-down control switch circuit malfunction
B1701	GM	Mirror left-down control switch circuit range/performance
B1704	GM	Mirror left-down control switch circuit open
B1705	GM	Mirror right-up control switch circuit malfunction
B1706	GM	Mirror right-up control switch circuit range/performance
B1709	GM	Mirror right-up control switch circuit open
B1710	GM	Mirror right-down control switch circuit malfunction
B1711	GM	Mirror right-down control switch circuit range/performance
B1714	GM	Mirror right-down control switch circuit open
B1715	GM	Mirror power fold control switch circuit malfunction
B1716	GM	Mirror power fold control switch circuit range/performance
B1719	GM	Mirror power fold control switch circuit open
B1720	GM	Mirror up/down control switch circuit malfunction
B1721	GM	Mirror left/right control switch circuit malfunction
B1722	GM	Mirror power fold control circuit malfunction
B1723	GM	Mirror motor control circuit #1 malfunction
B1724	GM	Mirror motor control circuit #2 malfunction
B1725	GM	LF/Driver seat assembly up switch circuit malfunction
B1726	GM	LF/Driver seat assembly up switch circuit range/performance
B1727	GM	LF/Driver seat assembly up switch circuit low
B1728	GM	LF/Driver seat assembly up switch circuit high
B1729	GM	LF/Driver seat assembly up switch circuit open
B1730	GM	LF/Driver seat assembly down switch circuit malfunction
B1731	GM	LF/Driver seat assembly down switch circuit range/performance
B1732	GM	LF/Driver seat assembly down switch circuit low
B1733	GM	LF/Driver seat assembly down switch circuit high
B1734	GM	LF/Driver seat assembly down switch circuit open
B1736	GM	LF/Driver seat front up switch circuit range/performance
B1737	GM	LF/Driver seat front up switch circuit low
B1738	GM	LF/Driver seat front up switch circuit high
B1739	GM	LF/Driver seat front up switch circuit open
B1741	GM	LF/Driver seat front down switch circuit range/performance
B1742	GM	LF/Driver seat front down switch circuit low
B1743	GM	LF/Driver seat front down switch circuit high
B1744	GM	LF/Driver seat front down switch circuit open
B1746	GM	LF/Driver seat rear up switch circuit range/performance
B1747	GM	LF/Driver seat rear up switch circuit low
B1748	GM	LF/Driver seat rear up switch circuit high
B1749	GM	LF/Driver seat rear up switch circuit open
B1751	GM	LF/Driver seat rear down switch circuit range/performance
B1752	GM	LF/Driver seat rear down switch circuit low
B1753	GM	LF/Driver seat rear down switch circuit high
B1754	GM	LF/Driver seat rear down switch circuit open
B1756	GM	LF/Driver seat assembly forward switch circuit range/performance
B1757	GM	LF/Driver seat assembly forward switch circuit low
B1758	GM	LF/Driver seat assembly forward switch circuit high
B1759	GM	LF/Driver seat assembly forward switch circuit open
B1761	GM	LF/Driver seat assembly rearward switch circuit range/performance
B1762	GM	LF/Driver seat assembly rearward switch circuit low
B1763	GM	LF/Driver seat assembly rearward switch circuit high
B1764	GM	LF/Driver seat assembly rearward switch circuit open
B1765	GM	LF/Driver seat motor #1 (ass'y. vertical) circuit malfunction
B1766	GM	LF/Driver seat motor #1 (ass'y. vertical) circuit range/performance

B1767	GM	LF/Driver seat motor #1 (ass'y. vertical) circuit low
B1768	GM	LF/Driver seat motor #1 (ass'y. vertical) circuit high
B1769	GM	LF/Driver seat motor #1 (ass'y. vertical) circuit open
B1770	GM	LF/Driver seat motor #2 (ass'y. horizontal) circuit malfunction
B1771	GM	LF/Driver seat motor #2 (ass'y. horizontal) circuit range/performance
B1772	GM	LF/Driver seat motor #2 (ass'y. horizontal) circuit low
B1773	GM	LF/Driver seat motor #2 (ass'y. horizontal) circuit high
B1774	GM	LF/Driver seat motor #2 (ass'y. horizontal) circuit open
B1775	GM	LF/Driver seat motor #3 (front vertical) circuit malfunction
B1776	GM	LF/Driver seat motor #3 (front vertical) circuit range/performance
B1777	GM	LF/Driver seat motor #3 (front vertical) circuit low
B1778	GM	LF/Driver seat motor #3 (front vertical) circuit high
B1779	GM	LF/Driver seat motor #3 (front vertical) circuit open
B1781	GM	LF/Driver seat motor #4 (rear vertical) circuit range/performance
B1782	GM	LF/Driver seat motor #4 (rear vertical) circuit low
B1783	GM	LF/Driver seat motor #4 (rear vertical) circuit high
B1784	GM	LF/Driver seat motor #4 (rear vertical) circuit open
B1785	GM	LF/Driver seat motor #5 (recline) circuit malfunction
B1786	GM	LF/Driver seat motor #5 (recline) circuit range/performance
B1787	GM	LF/Driver seat motor #5 (recline) circuit low
B1788	GM	LF/Driver seat motor #5 (recline) circuit high
B1789	GM	LF/Driver seat motor #5 (recline) circuit open
B1790	GM	LF/Driver seat motor #6 (lumbar; single motor or horizontal) circuit malfunction
B1791	GM	LF/Driver seat motor #6 (lumbar; single motor or horizontal) circuit range/performance
B1792	GM	LF/Driver seat motor #6 (lumbar; single motor or horizontal) circuit low
B1793	GM	LF/Driver seat motor #6 (lumbar; single motor or horizontal) circuit high
B1794	GM	LF/Driver seat motor #6 (lumbar; single motor or horizontal) circuit open
B1795	GM	LF/Driver seat motor #7 (head restraint horizontal) circuit malfunction
B1796	GM	LF/Driver seat motor #7 (head restraint horizontal) circuit range/performance
B1797	GM	LF/Driver seat motor #7 (head restraint horizontal) circuit low
B1798	GM	LF/Driver seat motor #7 (head restraint horizontal) circuit high
B1799	GM	LF/Driver seat motor #7 (head restraint horizontal) circuit open
B1800	GM	LF/Driver seat motor #8 (head restraint vertical) circuit malfunction
B1801	GM	LF/Driver seat motor #8 (head restraint vertical) circuit range/performance
B1802	GM	LF/Driver seat motor #8 (head restraint vertical) circuit low
B1803	GM	LF/Driver seat motor #8 (head restraint vertical) circuit high
B1804	GM	LF/Driver seat motor #8 (head restraint vertical) circuit open
B1806	GM	LF/Driver seat motor #9 (side bolster) circuit range/performance
B1807	GM	LF/Driver seat motor #9 (side bolster) circuit low
B1808	GM	LF/Driver seat motor #9 (side bolster) circuit high
B1809	GM	LF/Driver seat motor #9 (side bolster) circuit open
B1810	GM	LF/Driver seat motor #10 (thigh bolster) circuit malfunction
B1811	GM	LF/Driver seat motor #10 (thigh bolster) circuit range/performance
B1812	GM	LF/Driver seat motor #10 (thigh bolster) circuit low
B1813	GM	LF/Driver seat motor #10 (thigh bolster) circuit high
B1814	GM	LF/Driver seat motor #10 (thigh bolster) circuit open
B1816	GM	LF/Driver recline forward switch circuit range/performance
B1817	GM	LF/Driver recline forward switch circuit low
B1818	GM	LF/Driver recline forward switch circuit high
B1819	GM	LF/Driver recline forward switch circuit open
B1821	GM	LF/Driver recline rearward switch circuit range/performance
B1822	GM	LF/Driver recline rearward switch circuit low
B1823	GM	LF/Driver recline rearward switch circuit high
B1824	GM	LF/Driver recline rearward switch circuit open
B1826	GM	LF/Driver recline sensor circuit range/performance
B1827	GM	LF/Driver recline sensor circuit low
B1828	GM	LF/Driver recline sensor circuit high
B1829	GM	LF/Driver recline sensor circuit open
B1831	GM	LF/Driver lumbar forward switch circuit range/performance
B1832	GM	LF/Driver lumbar forward switch circuit low
B1833	GM	LF/Driver lumbar forward switch circuit high
B1834	GM	LF/Driver lumbar forward switch circuit open
B1836	GM	LF/Driver lumbar rearward switch circuit range/performance
B1837	GM	LF/Driver lumbar rearward switch circuit low
B1838	GM	LF/Driver lumbar rearward switch circuit high
B1839	GM	LF/Driver lumbar rearward switch circuit open
B1841	GM	LF/Driver lumbar up switch circuit range/performance
B1842	GM	LF/Driver lumbar up switch circuit low
B1843	GM	LF/Driver lumbar up switch circuit high
B1844	GM	LF/Driver lumbar up switch circuit open
B1846	GM	LF/Driver lumbar down switch circuit range/performance
B1847	GM	LF/Driver lumbar down switch circuit low
B1848	GM	LF/Driver lumbar down switch circuit high
B1849	GM	LF/Driver lumbar down switch circuit open
B1851	GM	LF/Driver lumbar horizontal sensor range/performance
B1852	GM	LF/Driver lumbar horizontal sensor low
B1853	GM	LF/Driver lumbar horizontal sensor high
B1854	GM	LF/Driver lumbar horizontal sensor open

B1855	GM	LF/Driver lumbar horizontal feedback circuit malfunction
B1856	GM	LF/Driver lumbar horizontal feedback circuit range/performance
B1857	GM	LF/Driver lumbar horizontal feedback circuit low
B1858	GM	LF/Driver lumbar horizontal feedback circuit high
B1859	GM	LF/Driver lumbar horizontal feedback circuit open
B1861	GM	LF/Driver lumbar vertical sensor range/performance
B1862	GM	LF/Driver lumbar vertical sensor low
B1863	GM	LF/Driver lumbar vertical sensor high
B1864	GM	LF/Driver lumbar vertical sensor open
B1865	GM	LF/Driver lumbar vertical feedback circuit malfunction
B1866	GM	LF/Driver lumbar vertical feedback circuit range/performance
B1867	GM	LF/Driver lumbar vertical feedback circuit low
B1868	GM	LF/Driver lumbar vertical feedback circuit high
B1869	GM	LF/Driver lumbar vertical feedback circuit open
B1871	GM	LF/Driver head restraint up switch circuit range/performance
B1872	GM	LF/Driver head restraint up switch circuit low
B1873	GM	LF/Driver head restraint up switch circuit high
B1874	GM	LF/Driver head restraint up switch circuit open
B1876	GM	LF/Driver head restraint down switch circuit range/performance
B1877	GM	LF/Driver head restraint down switch circuit low
B1878	GM	LF/Driver head restraint down switch circuit high
B1879	GM	LF/Driver head restraint down switch circuit open
B1880	GM	LF/Driver head restraint forward switch circuit malfunction
B1881	GM	LF/Driver head restraint forward switch circuit range/performance
B1882	GM	LF/Driver head restraint forward switch circuit low
B1883	GM	LF/Driver head restraint forward switch circuit high
B1884	GM	LF/Driver head restraint forward switch circuit open
B1885	GM	LF/Driver head restraint rearward switch circuit malfunction
B1886	GM	LF/Driver head restraint rearward switch circuit range/performance
B1887	GM	LF/Driver head restraint rearward switch circuit low
B1888	GM	LF/Driver head restraint rearward switch circuit high
B1889	GM	LF/Driver head restraint rearward switch circuit open
B1890	GM	LF/Driver head restraint horizontal sensor malfunction
B1891	GM	LF/Driver head restraint horizontal sensor range/performance
B1892	GM	LF/Driver head restraint horizontal sensor low
B1893	GM	LF/Driver head restraint horizontal sensor high
B1894	GM	LF/Driver head restraint horizontal sensor open
B1895	GM	LF/Driver head restraint horizontal feedback circuit malfunction
B1896	GM	LF/Driver head restraint horizontal feedback circuit range/performance
B1897	GM	LF/Driver head restraint horizontal feedback circuit low
B1898	GM	LF/Driver head restraint horizontal feedback circuit high
B1899	GM	LF/Driver head restraint horizontal feedback circuit open
B1901	GM	LF/Driver head restraint vertical sensor range/performance
B1902	GM	LF/Driver head restraint vertical sensor low
B1903	GM	LF/Driver head restraint vertical sensor high
B1904	GM	LF/Driver head restraint vertical sensor open
B1905	GM	LF/Driver head restraint vertical feedback circuit malfunction
B1906	GM	LF/Driver head restraint vertical feedback circuit range/performance
B1907	GM	LF/Driver head restraint vertical feedback circuit low
B1908	GM	LF/Driver head restraint vertical feedback circuit high
B1909	GM	LF/Driver head restraint vertical feedback circuit open
B1912	GM	LF/Driver seat heater switch #1 (whole system or "low") circuit low
B1914	GM	LF/Driver seat heater switch #1 (whole system or "low") circuit open
B1915	GM	LF/Driver seat heater switch #2 ("high") circuit malfunction
B1916	GM	LF/Driver seat heater switch #2 ("high") circuit range/performance
B1917	GM	LF/Driver seat heater switch #2 ("high") circuit low
B1919	GM	LF/Driver seat heater switch #2 ("high") circuit open
B1920	GM	LF/Driver seat heater (whole seat or seat cushion) timer circuit malfunction
B1921	GM	LF/Driver seat heater (whole seat or seat cushion) timer circuit range/performance
B1922	GM	LF/Driver seat heater (whole seat or seat cushion) timer circuit low
B1923	GM	LF/Driver seat heater (whole seat or seat cushion) timer circuit high
B1924	GM	LF/Driver seat heater (whole seat or seat cushion) timer circuit open
B1925	GM	LF/Driver seat heater (whole seat or seat cushion) sensor malfunction
B1926	GM	LF/Driver seat heater (whole seat or seat cushion) sensor range/performance
B1927	GM	LF/Driver seat heater (whole seat or seat cushion) sensor low
B1928	GM	LF/Driver seat heater (whole seat or seat cushion) sensor high
B1929	GM	LF/Driver seat heater (whole seat or seat cushion) sensor open
B1930	GM	LF/Driver seat heater (whole seat or seat cushion) feedback circuit malfunction
B1931	GM	LF/Driver seat heater (whole seat or seat cushion) feedback circuit range/performance
B1932	GM	LF/Driver seat heater (whole seat or seat cushion) feedback circuit low
B1933	GM	LF/Driver seat heater (whole seat or seat cushion) feedback circuit high
B1934	GM	LF/Driver seat heater (whole seat or seat cushion) feedback circuit open
B1935	GM	LF/Driver seat back heater malfunction
B1936	GM	LF/Driver seat back heater range/performance
B1937	GM	LF/Driver seat back heater low
B1938	GM	LF/Driver seat back heater high
B1939	GM	LF/Driver seat back heater open
B1940	GM	LF/Driver seat side bolster in switch circuit malfunction

B1941	GM	LF/Driver seat side bolster in switch circuit range/performance
B1942	GM	LF/Driver seat side bolster in switch circuit low
B1943	GM	LF/Driver seat side bolster in switch circuit high
B1944	GM	LF/Driver seat side bolster in switch circuit open
B1945	GM	LF/Driver seat side bolster out switch circuit malfunction
B1946	GM	LF/Driver seat side bolster out switch circuit range/performance
B1947	GM	LF/Driver seat side bolster out switch circuit low
B1948	GM	LF/Driver seat side bolster out switch circuit high
B1949	GM	LF/Driver seat side bolster out switch circuit open
B1950	GM	LF/Driver seat side bolster in circuit malfunction
B1951	GM	LF/Driver seat side bolster in circuit range/performance
B1952	GM	LF/Driver seat side bolster in circuit low
B1953	GM	LF/Driver seat side bolster in circuit high
B1954	GM	LF/Driver seat side bolster in circuit open
B1955	GM	LF/Driver seat side bolster out circuit malfunction
B1956	GM	LF/Driver seat side bolster out circuit range/performance
B1957	GM	LF/Driver seat side bolster out circuit low
B1958	GM	LF/Driver seat side bolster out circuit high
B1959	GM	LF/Driver seat side bolster out circuit open
B1960	GM	LF/Driver seat side bolster sensor malfunction
B1961	GM	LF/Driver seat side bolster sensor range/performance
B1962	GM	LF/Driver seat side bolster sensor low
B1963	GM	LF/Driver seat side bolster sensor high
B1964	GM	LF/Driver seat side bolster sensor open
B1965	GM	LF/Driver seat side bolster feedback circuit malfunction
B1966	GM	LF/Driver seat side bolster feedback circuit range/performance
B1967	GM	LF/Driver seat side bolster feedback circuit low
B1968	GM	LF/Driver seat side bolster feedback circuit high
B1969	GM	LF/Driver seat side bolster feedback circuit open
B1974	GM	RF/Passenger seat assembly up switch circuit open
B1975	GM	RF/Passenger seat assembly down switch circuit malfunction
B1976	GM	RF/Passenger seat assembly down switch circuit range/performance
B1977	GM	RF/Passenger seat assembly down switch circuit low
B1978	GM	RF/Passenger seat assembly down switch circuit high
B1979	GM	RF/Passenger seat assembly down switch circuit open
B1980	GM	RF/Passenger seat front up switch circuit malfunction
B1984	GM	RF/Passenger seat front up switch circuit open
B1985	GM	RF/Passenger seat front down switch circuit malfunction
B1986	GM	RF/Passenger seat front down switch circuit range/performance
B1987	GM	RF/Passenger seat front down switch circuit low
B1988	GM	RF/Passenger seat front down switch circuit high
B1989	GM	RF/Passenger seat front down switch circuit open
B1990	GM	RF/Passenger seat rear up switch circuit malfunction
B1991	GM	RF/Passenger seat rear up switch circuit range/performance
B1992	GM	RF/Passenger seat rear up switch circuit low
B1993	GM	RF/Passenger seat rear up switch circuit high
B1994	GM	RF/Passenger seat rear up switch circuit open
B1995	GM	RF/Passenger seat rear down switch circuit malfunction
B1996	GM	RF/Passenger seat rear down switch circuit range/performance
B1997	GM	RF/Passenger seat rear down switch circuit low
B1998	GM	RF/Passenger seat rear down switch circuit high
B1999	GM	RF/Passenger seat rear down switch circuit open
B2000	GM	RF/Passenger seat assembly forward switch circuit malfunction
B2001	GM	RF/Passenger seat assembly forward switch circuit range/performance
B2002	GM	RF/Passenger seat assembly forward switch circuit low
B2003	GM	RF/Passenger seat assembly forward switch circuit high
B2004	GM	RF/Passenger seat assembly forward switch circuit open
B2005	GM	RF/Passenger seat assembly rearward switch circuit malfunction
B2006	GM	RF/Passenger seat assembly rearward switch circuit range/performance
B2007	GM	RF/Passenger seat assembly rearward switch circuit low
B2008	GM	RF/Passenger seat assembly rearward switch circuit high
B2009	GM	RF/Passenger seat assembly rearward switch circuit open
B2010	GM	RF/Passenger seat motor #1 (ass'y. vertical) circuit malfunction
B2011	GM	RF/Passenger seat motor #1 (ass'y. vertical) circuit range/performance
B2012	GM	RF/Passenger seat motor #1 (ass'y. vertical) circuit low
B2013	GM	RF/Passenger seat motor #1 (ass'y. vertical) circuit high
B2014	GM	RF/Passenger seat motor #1 (ass'y. vertical) circuit open
B2015	GM	RF/Passenger seat motor #2 (ass'y. horizontal) circuit malfunction
B2016	GM	RF/Passenger seat motor #2 (ass'y. horizontal) circuit range/performance
B2017	GM	RF/Passenger seat motor #2 (ass'y. horizontal) circuit low
B2018	GM	RF/Passenger seat motor #2 (ass'y. horizontal) circuit high
B2019	GM	RF/Passenger seat motor #2 (ass'y. horizontal) circuit open
B2020	GM	RF/Passenger seat motor #3 (front vertical) circuit malfunction
B2021	GM	RF/Passenger seat motor #3 (front vertical) circuit range/performance
B2022	GM	RF/Passenger seat motor #3 (front vertical) circuit low
B2023	GM	RF/Passenger seat motor #3 (front vertical) circuit high
B2024	GM	RF/Passenger seat motor #3 (front vertical) circuit open
B2025	GM	RF/Passenger seat motor #4 (rear vertical) circuit malfunction

B2026	GM	RF/Passenger seat motor #4 (rear vertical) circuit range/performance
B2027	GM	RF/Passenger seat motor #4 (rear vertical) circuit low
B2028	GM	RF/Passenger seat motor #4 (rear vertical) circuit high
B2029	GM	RF/Passenger seat motor #4 (rear vertical) circuit open
B2030	GM	RF/Passenger seat motor #5 (recline) circuit malfunction
B2031	GM	RF/Passenger seat motor #5 (recline) circuit range/performance
B2032	GM	RF/Passenger seat motor #5 (recline) circuit low
B2033	GM	RF/Passenger seat motor #5 (recline) circuit high
B2034	GM	RF/Passenger seat motor #5 (recline) circuit open
B2035	GM	RF/Passenger seat motor #6 (lumbar; single motor or horizontal) circuit malfunction
B2036	GM	RF/Passenger seat motor #6 (lumbar; single motor or horizontal) circuit range/perform
B2037	GM	RF/Passenger seat motor #6 (lumbar; single motor or horizontal) circuit low
B2038	GM	RF/Passenger seat motor #6 (lumbar; single motor or horizontal) circuit high
B2039	GM	RF/Passenger seat motor #6 (lumbar; single motor or horizontal) circuit open
B2040	GM	RF/Passenger seat motor #7 (head restraint horizontal) circuit malfunction
B2041	GM	RF/Passenger seat motor #7 (head restraint horizontal) circuit range/performance
B2042	GM	RF/Passenger seat motor #7 (head restraint horizontal) circuit low
B2043	GM	RF/Passenger seat motor #7 (head restraint horizontal) circuit high
B2044	GM	RF/Passenger seat motor #7 (head restraint horizontal) circuit open
B2045	GM	RF/Passenger seat motor #8 (head restraint vertical) circuit malfunction
B2046	GM	RF/Passenger seat motor #8 (head restraint vertical) circuit range/performance
B2047	GM	RF/Passenger seat motor #8 (head restraint vertical) circuit low
B2048	GM	RF/Passenger seat motor #8 (head restraint vertical) circuit high
B2049	GM	RF/Passenger seat motor #8 (head restraint vertical) circuit open
B2050	GM	RF/Passenger seat motor #9 (side bolster) circuit malfunction
B2051	GM	RF/Passenger seat motor #9 (side bolster) circuit range/performance
B2052	GM	RF/Passenger seat motor #9 (side bolster) circuit low
B2053	GM	RF/Passenger seat motor #9 (side bolster) circuit high
B2054	GM	RF/Passenger seat motor #9 (side bolster) circuit open
B2055	GM	RF/Passenger seat motor #10 (thigh bolster) circuit malfunction
B2056	GM	RF/Passenger seat motor #10 (thigh bolster) circuit range/performance
B2057	GM	RF/Passenger seat motor #10 (thigh bolster) circuit low
B2058	GM	RF/Passenger seat motor #10 (thigh bolster) circuit high
B2059	GM	RF/Passenger seat motor #10 (thigh bolster) circuit open
B2060	GM	RF/Passenger recline forward switch circuit malfunction
B2061	GM	RF/Passenger recline forward switch circuit range/performance
B2062	GM	RF/Passenger recline forward switch circuit low
B2063	GM	RF/Passenger recline forward switch circuit high
B2064	GM	RF/Passenger recline forward switch circuit open
B2065	GM	RF/Passenger recline rearward switch circuit malfunction
B2066	GM	RF/Passenger recline rearward switch circuit range/performance
B2067	GM	RF/Passenger recline rearward switch circuit low
B2068	GM	RF/Passenger recline rearward switch circuit high
B2069	GM	RF/Passenger recline rearward switch circuit open
B2070	GM	RF/Passenger recline sensor circuit malfunction
B2071	GM	RF/Passenger recline sensor circuit range/performance
B2072	GM	RF/Passenger recline sensor circuit low
B2073	GM	RF/Passenger recline sensor circuit high
B2074	GM	RF/Passenger recline sensor circuit open
B2075	GM	RF/Passenger lumbar forward switch circuit malfunction
B2076	GM	RF/Passenger lumbar forward switch circuit range/performance
B2077	GM	RF/Passenger lumbar forward switch circuit low
B2078	GM	RF/Passenger lumbar forward switch circuit high
B2079	GM	RF/Passenger lumbar forward switch circuit open
B2080	GM	RF/Passenger lumbar rearward switch circuit malfunction
B2081	GM	RF/Passenger lumbar rearward switch circuit range/performance
B2082	GM	RF/Passenger lumbar rearward switch circuit low
B2083	GM	RF/Passenger lumbar rearward switch circuit high
B2084	GM	RF/Passenger lumbar rearward switch circuit open
B2085	GM	RF/Passenger lumbar up switch circuit malfunction
B2086	GM	RF/Passenger lumbar up switch circuit range/performance
B2087	GM	RF/Passenger lumbar up switch circuit low
B2088	GM	RF/Passenger lumbar up switch circuit high
B2089	GM	RF/Passenger lumbar up switch circuit open
B2090	GM	RF/Passenger lumbar down switch circuit malfunction
B2091	GM	RF/Passenger lumbar down switch circuit range/performance
B2092	GM	RF/Passenger lumbar down switch circuit low
B2093	GM	RF/Passenger lumbar down switch circuit high
B2094	GM	RF/Passenger lumbar down switch circuit open
B2095	GM	RF/Passenger lumbar horizontal sensor malfunction
B2096	GM	RF/Passenger lumbar horizontal sensor range/performance
B2097	GM	RF/Passenger lumbar horizontal sensor low
B2098	GM	RF/Passenger lumbar horizontal sensor high
B2099	GM	RF/Passenger lumbar horizontal sensor open
B2100	GM	RF/Passenger lumbar horizontal feedback circuit malfunction
B2113	GM	RF/Passenger lumbar vertical feedback circuit high
B2114	GM	RF/Passenger lumbar vertical feedback circuit open
B2121	GM	RF/Passenger head restraint down switch circuit range/performance

B2122	GM	RF/Passenger head restraint down switch circuit low
B2123	GM	RF/Passenger head restraint down switch circuit high
B2124	GM	RF/Passenger head restraint down switch circuit open
B2125	GM	RF/Passenger head restraint forward switch circuit malfunction
B2126	GM	RF/Passenger head restraint forward switch circuit range/performance
B2127	GM	RF/Passenger head restraint forward switch circuit low
B2128	GM	RF/Passenger head restraint forward switch circuit high
B2129	GM	RF/Passenger head restraint forward switch circuit open
B2134	GM	RF/Passenger head restraint rearward switch circuit open
B2135	GM	RF/Passenger head restraint horizontal sensor malfunction
B2136	GM	RF/Passenger head restraint horizontal sensor range/performance
B2137	GM	RF/Passenger head restraint horizontal sensor low
B2138	GM	RF/Passenger head restraint horizontal sensor high
B2139	GM	RF/Passenger head restraint horizontal sensor open
B2152	GM	RF/Passenger head restraint vertical feedback circuit low
B2153	GM	RF/Passenger head restraint vertical feedback circuit high
B2154	GM	RF/Passenger head restraint vertical feedback circuit open
B2155	GM	RF/Passenger seat heater switch #1 (whole system or "low") circuit malfunction
B2156	GM	RF/Passenger seat heater switch #1 (whole system or "low") circuit range/performance
B2157	GM	RF/Passenger seat heater switch #1 (whole system or "low") circuit low
B2158	GM	RF/Passenger seat heater switch #1 (whole system or "low") circuit high
B2159	GM	RF/Passenger seat heater switch #1 (whole system or "low") circuit open
B2160	GM	RF/Passenger seat heater switch #2 ("high") circuit malfunction
B2161	GM	RF/Passenger seat heater switch #2 ("high") circuit range/performance
B2162	GM	RF/Passenger seat heater switch #2 ("high") circuit low
B2163	GM	RF/Passenger seat heater switch #2 ("high") circuit high
B2164	GM	RF/Passenger seat heater switch #2 ("high") circuit open
B2165	GM	RF/Passenger seat heater (whole seat or seat cushion) timer circuit malfunction
B2166	GM	RF/Passenger seat heater (whole seat or seat cushion) timer circuit range/performance
B2167	GM	RF/Passenger seat heater (whole seat or seat cushion) timer circuit low
B2168	GM	RF/Passenger seat heater (whole seat or seat cushion) timer circuit high
B2169	GM	RF/Passenger seat heater (whole seat or seat cushion) timer circuit open
B2170	GM	RF/Passenger seat heater (whole seat or seat cushion) sensor malfunction
B2171	GM	RF/Passenger seat heater (whole seat or seat cushion) sensor range/performance
B2172	GM	RF/Passenger seat heater (whole seat or seat cushion) sensor low
B2173	GM	RF/Passenger seat heater (whole seat or seat cushion) sensor high
B2174	GM	RF/Passenger seat heater (whole seat or seat cushion) sensor open
B2176	GM	RF/Passenger seat heater (whole seat or seat cushion) feedback circuit range/performance
B2177	GM	RF/Passenger seat heater (whole seat or seat cushion) feedback circuit low
B2178	GM	RF/Passenger seat heater (whole seat or seat cushion) feedback circuit high
B2179	GM	RF/Passenger seat heater (whole seat or seat cushion) feedback circuit open
B2180	GM	RF/Passenger seat back heater malfunction
B2181	GM	RF/Passenger seat back heater range/performance
B2182	GM	RF/Passenger seat back heater low
B2183	GM	RF/Passenger seat back heater high
B2184	GM	RF/Passenger seat back heater open
B2185	GM	RF/Passenger seat side bolster in switch circuit malfunction
B2186	GM	RF/Passenger seat side bolster in switch circuit range/performance
B2187	GM	RF/Passenger seat side bolster in switch circuit low
B2188	GM	RF/Passenger seat side bolster in switch circuit high
B2189	GM	RF/Passenger seat side bolster in switch circuit open
B2190	GM	RF/Passenger seat side bolster out switch circuit malfunction
B2191	GM	RF/Passenger seat side bolster out switch circuit range/performance
B2192	GM	RF/Passenger seat side bolster out switch circuit low
B2193	GM	RF/Passenger seat side bolster out switch circuit high
B2194	GM	RF/Passenger seat side bolster out switch circuit open
B2195	GM	RF/Passenger seat side bolster in circuit malfunction
B2196	GM	RF/Passenger seat side bolster in circuit range/performance
B2197	GM	RF/Passenger seat side bolster in circuit low
B2198	GM	RF/Passenger seat side bolster in circuit high
B2199	GM	RF/Passenger seat side bolster in circuit open
B2208	GM	RF/Passenger seat side bolster sensor high
B2209	GM	RF/Passenger seat side bolster sensor open
B2210	GM	RF/Passenger seat side bolster feedback circuit malfunction
B2211	GM	RF/Passenger seat side bolster feedback circuit range/performance
B2218	GM	LR seat assembly forward switch circuit high
B2219	GM	LR seat assembly forward switch circuit open
B2225	GM	LR seat motor #1 (ass'y. horizontal) circuit malfunction
B2227	GM	LR seat motor #1 (ass'y. horizontal) circuit low
B2228	GM	LR seat motor #1 (ass'y. horizontal) circuit high
B2229	GM	LR seat motor #1 (ass'y. horizontal) circuit open
B2230	GM	LR seat motor #2 (head restraint horizontal) circuit malfunction
B2231	GM	LR seat motor #2 (head restraint horizontal) circuit range/performance
B2232	GM	LR seat motor #2 (head restraint horizontal) circuit low
B2233	GM	LR seat motor #2 (head restraint horizontal) circuit high
B2234	GM	LR seat motor #2 (head restraint horizontal) circuit open
B2235	GM	LR seat motor #3 (head restraint vertical) circuit malfunction
B2236	GM	LR seat motor #3 (head restraint vertical) circuit range/performance

B2237	GM	LR seat motor #3 (head restraint vertical) circuit low
B2238	GM	LR seat motor #3 (head restraint vertical) circuit high
B2239	GM	LR seat motor #3 (head restraint vertical) circuit open
B2244	GM	LR head restraint up switch circuit open
B2245	GM	LR head restraint down switch circuit malfunction
B2246	GM	LR head restraint down switch circuit range/performance
B2247	GM	LR head restraint down switch circuit low
B2248	GM	LR head restraint down switch circuit high
B2249	GM	LR head restraint down switch circuit open
B2250	GM	LR head restraint forward switch circuit malfunction
B2251	GM	LR head restraint forward switch circuit range/performance
B2252	GM	LR head restraint forward switch circuit low
B2253	GM	LR head restraint forward switch circuit high
B2254	GM	LR head restraint forward switch circuit open
B2255	GM	LR head restraint rearward switch circuit malfunction
B2256	GM	LR head restraint rearward switch circuit range/performance
B2257	GM	LR head restraint rearward switch circuit low
B2258	GM	LR head restraint rearward switch circuit high
B2259	GM	LR head restraint rearward switch circuit open
B2260	GM	LR seat heater switch #1 (whole system or "low") circuit malfunction
B2261	GM	LR seat heater switch #1 (whole system or "low") circuit range/performance
B2262	GM	LR seat heater switch #1 (whole system or "low") circuit low
B2263	GM	LR seat heater switch #1 (whole system or "low") circuit high
B2264	GM	LR seat heater switch #1 (whole system or "low") circuit open
B2265	GM	LR seat heater switch #2 ("high") circuit malfunction
B2266	GM	LR seat heater switch #2 ("high") circuit range/performance
B2267	GM	LR seat heater switch #2 ("high") circuit low
B2268	GM	LR seat heater switch #2 ("high") circuit high
B2269	GM	LR seat heater switch #2 ("high") circuit open
B2270	GM	LR seat heater sensor malfunction
B2271	GM	LR seat heater sensor range/performance
B2272	GM	LR seat heater sensor low
B2273	GM	LR seat heater sensor high
B2274	GM	LR seat heater sensor open
B2275	GM	LR seat heater feedback circuit malfunction
B2276	GM	LR seat heater feedback circuit range/performance
B2277	GM	LR seat heater feedback circuit low
B2278	GM	LR seat heater feedback circuit high
B2279	GM	LR seat heater feedback circuit open
B2280	GM	RR seat assembly forward switch circuit malfunction
B2281	GM	RR seat assembly forward switch circuit range/performance
B2282	GM	RR seat assembly forward switch circuit low
B2283	GM	RR seat assembly forward switch circuit high
B2284	GM	RR seat assembly forward switch circuit open
B2285	GM	RR seat assembly rearward switch circuit malfunction
B2286	GM	RR seat assembly rearward switch circuit range/performance
B2287	GM	RR seat assembly rearward switch circuit low
B2288	GM	RR seat assembly rearward switch circuit high
B2289	GM	RR seat assembly rearward switch circuit open
B2290	GM	RR seat motor #1 (ass'y. horizontal) circuit malfunction
B2291	GM	RR seat motor #1 (ass'y. horizontal) circuit range/performance
B2292	GM	RR seat motor #1 (ass'y. horizontal) circuit low
B2293	GM	RR seat motor #1 (ass'y. horizontal) circuit high
B2294	GM	RR seat motor #1 (ass'y. horizontal) circuit open
B2295	GM	RR seat motor #2 (head restraint horizontal) circuit malfunction
B2296	GM	RR seat motor #2 (head restraint horizontal) circuit range/performance
B2297	GM	RR seat motor #2 (head restraint horizontal) circuit low
B2298	GM	RR seat motor #2 (head restraint horizontal) circuit high
B2299	GM	RR seat motor #2 (head restraint horizontal) circuit open
B2300	GM	RR seat motor #3 (head restraint vertical) circuit malfunction
B2301	GM	RR seat motor #3 (head restraint vertical) circuit range/performance
B2302	GM	RR seat motor #3 (head restraint vertical) circuit low
B2303	GM	RR seat motor #3 (head restraint vertical) circuit high
B2304	GM	RR seat motor #3 (head restraint vertical) circuit open
B2305	GM	RR head restraint up switch circuit malfunction
B2306	GM	RR head restraint up switch circuit range/performance
B2307	GM	RR head restraint up switch circuit low
B2308	GM	RR head restraint up switch circuit high
B2309	GM	RR head restraint up switch circuit open
B2313	GM	RR head restraint down switch circuit high
B2314	GM	RR head restraint down switch circuit open
B2315	GM	RR head restraint forward switch circuit malfunction
B2316	GM	RR head restraint forward switch circuit range/performance
B2317	GM	RR head restraint forward switch circuit low
B2318	GM	RR head restraint forward switch circuit high
B2319	GM	RR head restraint forward switch circuit open
B2320	GM	RR head restraint rearward switch circuit malfunction
B2321	GM	RR head restraint rearward switch circuit range/performance

B2322	GM	RR head restraint rearward switch circuit low
B2323	GM	RR head restraint rearward switch circuit high
B2324	GM	RR head restraint rearward switch circuit open
B2325	GM	RR seat heater switch #1 (whole system or "low") circuit malfunction
B2326	GM	RR seat heater switch #1 (whole system or "low") circuit range/performance
B2327	GM	RR seat heater switch #1 (whole system or "low") circuit low
B2328	GM	RR seat heater switch #1 (whole system or "low") circuit high
B2329	GM	RR seat heater switch #1 (whole system or "low") circuit open
B2330	GM	RR seat heater switch #2 ("high") circuit malfunction
B2331	GM	RR seat heater switch #2 ("high") circuit range/performance
B2332	GM	RR seat heater switch #2 ("high") circuit low
B2333	GM	RR seat heater switch #2 ("high") circuit high
B2334	GM	RR seat heater switch #2 ("high") circuit open
B2335	GM	RR seat heater sensor malfunction
B2336	GM	RR seat heater sensor range/performance
B2337	GM	RR seat heater sensor low
B2338	GM	RR seat heater sensor high
B2339	GM	RR seat heater sensor open
B2340	GM	RR seat heater feedback circuit malfunction
B2341	GM	RR seat heater feedback circuit range/performance
B2342	GM	RR seat heater feedback circuit low
B2343	GM	RR seat heater feedback circuit high
B2344	GM	RR seat heater feedback circuit open
B2345	GM	Front seat heater disable malfunction
B2346	GM	Front seat heater disable range/performance
B2347	GM	Front seat heater disable low
B2348	GM	Front seat heater disable high
B2349	GM	Front seat heater disable open
B2350	GM	Rear seat heater disable malfunction
B2351	GM	Rear seat heater disable range/performance
B2352	GM	Rear seat heater disable low
B2353	GM	Rear seat heater disable high
B2354	GM	Rear seat heater disable open
B2356	GM	LF/Driver front vertical sensor range/performance
B2357	GM	LF/Driver front vertical sensor low
B2358	GM	LF/Driver front vertical sensor high
B2359	GM	LF/Driver front vertical sensor open
B2360	GM	LF/Driver front vertical feedback circuit malfunction
B2361	GM	LF/Driver front vertical feedback circuit range/performance
B2362	GM	LF/Driver front vertical feedback circuit low
B2363	GM	LF/Driver front vertical feedback circuit high
B2364	GM	LF/Driver front vertical feedback circuit open
B2366	GM	LF/Driver rear vertical sensor range/performance
B2367	GM	LF/Driver rear vertical sensor low
B2368	GM	LF/Driver rear vertical sensor high
B2369	GM	LF/Driver rear vertical sensor open
B2370	GM	LF/Driver rear vertical feedback circuit malfunction
B2371	GM	LF/Driver rear vertical feedback circuit range/performance
B2372	GM	LF/Driver rear vertical feedback circuit low
B2373	GM	LF/Driver rear vertical feedback circuit high
B2374	GM	LF/Driver rear vertical feedback circuit open
B2376	GM	LF/Driver seat assembly horizontal sensor range/performance
B2377	GM	LF/Driver seat assembly horizontal sensor low
B2378	GM	LF/Driver seat assembly horizontal sensor high
B2379	GM	LF/Driver seat assembly horizontal sensor open
B2380	GM	LF/Driver seat assembly horizontal feedback circuit malfunction
B2381	GM	LF/Driver seat assembly horizontal feedback circuit range/performance
B2382	GM	LF/Driver seat assembly horizontal feedback circuit low
B2383	GM	LF/Driver seat assembly horizontal feedback circuit high
B2384	GM	LF/Driver seat assembly horizontal feedback circuit open
B2385	GM	RF/Passenger front vertical sensor malfunction
B2386	GM	RF/Passenger front vertical sensor range/performance
B2387	GM	RF/Passenger front vertical sensor low
B2388	GM	RF/Passenger front vertical sensor high
B2389	GM	RF/Passenger front vertical sensor open
B2390	GM	RF/Passenger front vertical feedback circuit malfunction
B2391	GM	RF/Passenger front vertical feedback circuit range/performance
B2392	GM	RF/Passenger front vertical feedback circuit low
B2393	GM	RF/Passenger front vertical feedback circuit high
B2394	GM	RF/Passenger front vertical feedback circuit open
B2395	GM	RF/Passenger rear vertical sensor malfunction
B2396	GM	RF/Passenger rear vertical sensor range/performance
B2397	GM	RF/Passenger rear vertical sensor low
B2398	GM	RF/Passenger rear vertical sensor high
B2399	GM	RF/Passenger rear vertical sensor open
B2400	GM	RF/Passenger rear vertical feedback circuit malfunction
B2401	GM	RF/Passenger rear vertical feedback circuit range/performance
B2402	GM	RF/Passenger rear vertical feedback circuit low

B2403	GM	RF/Passenger rear vertical feedback circuit high
B2404	GM	RF/Passenger rear vertical feedback circuit open
B2405	GM	RF/Passenger seat assembly horizontal sensor malfunction
B2406	GM	RF/Passenger seat assembly horizontal sensor range/performance
B2407	GM	RF/Passenger seat assembly horizontal sensor low
B2408	GM	RF/Passenger seat assembly horizontal sensor high
B2409	GM	RF/Passenger seat assembly horizontal sensor open
B2410	GM	RF/Passenger seat assembly horizontal feedback circuit malfunction
B2411	GM	RF/Passenger seat assembly horizontal feedback circuit range/performance
B2412	GM	RF/Passenger seat assembly horizontal feedback circuit low
B2413	GM	RF/Passenger seat assembly horizontal feedback circuit high
B2414	GM	RF/Passenger seat assembly horizontal feedback circuit open
B2415	GM	LF/Driver seat motor #11 (lumbar, vertical) circuit malfunction
B2416	GM	LF/Driver seat motor #11 (lumbar, vertical) circuit range/performance
B2417	GM	LF/Driver seat motor #11 (lumbar, vertical) circuit low
B2418	GM	LF/Driver seat motor #11 (lumbar, vertical) circuit high
B2421	GM	RF/Passenger seat motor #11 (lumbar, vertical) circuit range/performance
B2423	GM	RF/Passenger seat motor #11 (lumbar, vertical) circuit high
B2424	GM	RF/Passenger seat motor #11 (lumbar, vertical) circuit open
B2425	GM	LF/Driver seat heater (whole seat or cushion) circuit malfunction
B2426	GM	LF/Driver seat heater (whole seat or cushion) circuit range/performance
B2427	GM	LF/Driver seat heater (whole seat or cushion) circuit low
B2428	GM	LF/Driver seat heater (whole seat or cushion) circuit high
B2429	GM	LF/Driver seat heater (whole seat or cushion) circuit open
B2430	GM	RF/Passenger seat heater (whole seat or cushion) circuit malfunction
B2431	GM	RF/Passenger seat heater (whole seat or cushion) circuit range/performance
B2432	GM	RF/Passenger seat heater (whole seat or cushion) circuit low
B2433	GM	RF/Passenger seat heater (whole seat or cushion) circuit high
B2434	GM	RF/Passenger seat heater (whole seat or cushion) circuit open
B2435	GM	LF/Driver seat back heater sensor malfunction
B2436	GM	LF/Driver seat back heater sensor range/performance
B2437	GM	LF/Driver seat back heater sensor low
B2438	GM	LF/Driver seat back heater sensor high
B2439	GM	LF/Driver seat back heater sensor open
B2440	GM	RF/Passenger seat back heater sensor malfunction
B2441	GM	RF/Passenger seat back heater sensor range/performance
B2442	GM	RF/Passenger seat back heater sensor low
B2443	GM	RF/Passenger seat back heater sensor high
B2444	GM	RF/Passenger seat back heater sensor open
B2445	GM	LF/Driver thigh bolster sensor malfunction
B2446	GM	LF/Driver thigh bolster sensor range/performance
B2447	GM	LF/Driver thigh bolster sensor low
B2448	GM	LF/Driver thigh bolster sensor high
B2449	GM	LF/Driver thigh bolster sensor open
B2450	GM	Cellular phone handset (in-vehicle) circuit malfunction
B2451	GM	Cellular phone handset (in-vehicle) circuit range/performance
B2452	GM	Cellular phone handset (in-vehicle) circuit low
B2453	GM	Cellular phone handset (in-vehicle) circuit high
B2454	GM	Cellular phone handset (in-vehicle) circuit open
B2455	GM	Cellular phone microphone circuit malfunction
B2456	GM	Cellular phone microphone circuit range/performance
B2457	GM	Cellular phone microphone circuit low
B2458	GM	Cellular phone microphone circuit high
B2459	GM	Cellular phone microphone circuit open
B2467	GM	Cellular phone portable handset malfunction
B2469	GM	Cellular phone unit malfunction
B2525	GM	Front foglamps circuit malfunction
B2526	GM	Front foglamps circuit range/performance
B2527	GM	Front foglamps circuit low
B2528	GM	Front foglamps circuit high
B2529	GM	Front foglamps circuit open
B2530	GM	Front foglamps control circuit malfunction
B2531	GM	Front foglamps control circuit range/performance
B2532	GM	Front foglamps control circuit low
B2533	GM	Front foglamps control circuit high
B2534	GM	Front foglamps control circuit open
B2535	GM	Rear foglamps circuit malfunction
B2536	GM	Rear foglamps circuit range/performance
B2537	GM	Rear foglamps circuit low
B2538	GM	Rear foglamps circuit high
B2539	GM	Rear foglamps circuit open
B2540	GM	Rear foglamps control circuit malfunction
B2541	GM	Rear foglamps control circuit range/performance
B2542	GM	Rear foglamps control circuit low
B2543	GM	Rear foglamps control circuit high
B2544	GM	Rear foglamps control circuit open
B2545	GM	Backup lamps circuit malfunction
B2546	GM	Backup lamps circuit range/performance

B2547	GM	Backup lamps circuit low
B2548	GM	Backup lamps circuit high
B2549	GM	Backup lamps circuit open
B2551	GM	Backup lamps control circuit range/performance
B2552	GM	Backup lamps control circuit low
B2553	GM	Backup lamps control circuit high
B2554	GM	Backup lamps control circuit open
B2555	GM	Passenger compartment lamp control circuit malfunction
B2557	GM	Passenger compartment lamp control circuit low
B2558	GM	Passenger compartment lamp control circuit high
B2559	GM	Passenger compartment lamp control circuit open
B2561	GM	Cargo lamp control circuit range/performance
B2562	GM	Cargo lamp control circuit low
B2563	GM	Cargo lamp control circuit high
B2564	GM	Cargo lamp control circuit open
B2565	GM	Underhood lamp control circuit malfunction
B2566	GM	Underhood lamp control circuit range/performance
B2567	GM	Underhood lamp control circuit low
B2568	GM	Underhood lamp control circuit high
B2569	GM	Underhood lamp control circuit open
B2570	GM	Trunk/hatch lamp control circuit malfunction
B2571	GM	Trunk/hatch lamp control circuit range/performance
B2572	GM	Trunk/hatch lamp control circuit low
B2573	GM	Trunk/hatch lamp control circuit high
B2574	GM	Trunk/hatch lamp control circuit open
B2575	GM	Headlamp control circuit malfunction
B2576	GM	Headlamp control circuit range/performance
B2577	GM	Headlamp control circuit low
B2578	GM	Headlamp control circuit high
B2579	GM	Headlamp control circuit open
B2580	GM	Headlamp high beam control circuit malfunction
B2581	GM	Headlamp high beam control circuit range/performance
B2582	GM	Headlamp high beam control circuit low
B2583	GM	Headlamp high beam control circuit high
B2584	GM	Headlamp high beam control circuit open
B2585	GM	Parklamp control circuit malfunction
B2586	GM	Parklamp control circuit range/performance
B2587	GM	Parklamp control circuit low
B2588	GM	Parklamp control circuit high
B2589	GM	Parklamp control circuit open
B2590	GM	LH cornering lamp circuit malfunction
B2591	GM	LH cornering lamp circuit range/performance
B2592	GM	LH cornering lamp circuit low
B2593	GM	LH cornering lamp circuit high
B2594	GM	LH cornering lamp circuit open
B2595	GM	RH cornering lamp circuit malfunction
B2596	GM	RH cornering lamp circuit range/performance
B2597	GM	RH cornering lamp circuit low
B2598	GM	RH cornering lamp circuit high
B2599	GM	RH cornering lamp circuit open
B2600	GM	Daytime running lamp control #1 (LH or system) circuit malfunction
B2601	GM	Daytime running lamp control #1 (LH or system) circuit range/performance
B2602	GM	Daytime running lamp control #1 (LH or system) circuit low
B2603	GM	Daytime running lamp control #1 (LH or system) circuit high
B2604	GM	Daytime running lamp control #1 (LH or system) circuit open
B2605	GM	Daytime running lamp control #2 (RH) circuit malfunction
B2606	GM	Daytime running lamp control #2 (RH) circuit range/performance
B2607	GM	Daytime running lamp control #2 (RH) circuit low
B2608	GM	Daytime running lamp control #2 (RH) circuit high
B2609	GM	Daytime running lamp control #2 (RH) circuit open
B2610	GM	Passenger compartment dimming #1 (cluster, etc.) circuit malfunction
B2611	GM	Passenger compartment dimming #1 (cluster, etc.) circuit range/performance
B2612	GM	Passenger compartment dimming #1 (cluster, etc.) circuit low
B2613	GM	Passenger compartment dimming #1 (cluster, etc.) circuit high
B2614	GM	Passenger compartment dimming #1 (cluster, etc.) circuit open
B2615	GM	Passenger compartment dimming #2 (dome lamp, etc.) circuit malfunction
B2616	GM	Passenger compartment dimming #2 (dome lamp, etc.) circuit range/performance
B2617	GM	Passenger compartment dimming #2 (dome lamp, etc.) circuit low
B2618	GM	Passenger compartment dimming #2 (dome lamp, etc.) circuit high
B2619	GM	Passenger compartment dimming #2 (dome lamp, etc.) circuit open
B2620	GM	Display dimming PWM input circuit malfunction
B2621	GM	Display dimming PWM input circuit range/performance
B2622	GM	Display dimming PWM input circuit low
B2623	GM	Display dimming PWM input circuit high
B2624	GM	Display dimming PWM input circuit open
B2625	GM	Display dimming PWM output circuit malfunction
B2626	GM	Display dimming PWM output circuit range/performance
B2627	GM	Display dimming PWM output circuit low

B2628	GM	Display dimming PWM output circuit high
B2629	GM	Display dimming PWM output circuit open
B2630	GM	Illuminated entry enable circuit malfunction
B2631	GM	Illuminated entry enable circuit range/performance
B2632	GM	Illuminated entry enable circuit low
B2633	GM	Illuminated entry enable circuit high
B2634	GM	Illuminated entry enable circuit open
B2635	GM	Illuminated entry output circuit malfunction
B2636	GM	Illuminated entry output circuit range/performance
B2637	GM	Illuminated entry output circuit low
B2638	GM	Illuminated entry output circuit high
B2639	GM	Illuminated entry output circuit open
B2640	GM	Delayed exterior lighting control circuit malfunction
B2642	GM	Delayed exterior lighting control circuit low
B2643	GM	Delayed exterior lighting control circuit high
B2644	GM	Delayed exterior lighting control circuit open
B2645	GM	Ambient light sensor circuit malfunction
B2647	GM	Ambient light sensor circuit low
B2648	GM	Ambient light sensor circuit high
B2649	GM	Ambient light sensor circuit open
B2650	GM	LH DRL filament open
B2651	GM	RH DRL filament open
B2652	GM	Passenger compartment dimming #3 (dome lamp, etc.) circuit malfunction
B2653	GM	Passenger compartment dimming #3 (dome lamp, etc.) circuit range/performance
B2654	GM	Passenger compartment dimming #3 (dome lamp, etc.) circuit low
B2655	GM	Passenger compartment dimming #3 (dome lamp, etc.) circuit high
B2656	GM	Passenger compartment dimming #3 (dome lamp, etc.) circuit open
B2657	GM	Ignition halo lamp output circuit malfunction
B2658	GM	Ignition halo lamp output circuit range/performance
B2659	GM	Ignition halo lamp output circuit low
B2660	GM	Ignition halo lamp output circuit high
B2661	GM	Ignition halo lamp output circuit open
B2662	GM	Parklamp switch circuit malfunction
B2663	GM	Parklamp switch circuit range/performance
B2664	GM	Parklamp switch circuit low
B2665	GM	Parklamp switch circuit high
B2666	GM	Parklamp switch circuit open
B2667	GM	AHLD LH servo driver terminal #1 circuit malfunction
B2668	GM	AHLD LH servo driver terminal #1 circuit range/performance
B2669	GM	AHLD LH servo driver terminal #1 circuit low
B2670	GM	AHLD LH servo driver terminal #1 circuit high
B2671	GM	AHLD LH servo driver terminal #1 circuit open
B2672	GM	AHLD LH servo driver terminal #2 circuit malfunction
B2673	GM	AHLD LH servo driver terminal #2 circuit range/performance
B2674	GM	AHLD LH servo driver terminal #2 circuit low
B2675	GM	AHLD LH servo driver terminal #2 circuit high
B2676	GM	AHLD LH servo driver terminal #2 circuit open
B2677	GM	AHLD RH servo driver terminal #1 circuit malfunction
B2678	GM	AHLD RH servo driver terminal #1 circuit range/performance
B2679	GM	AHLD RH servo driver terminal #1 circuit low
B2680	GM	AHLD RH servo driver terminal #1 circuit high
B2681	GM	AHLD RH servo driver terminal #1 circuit open
B2682	GM	AHLD RH servo driver terminal #2 circuit malfunction
B2683	GM	AHLD RH servo driver terminal #2 circuit range/performance
B2684	GM	AHLD RH servo driver terminal #2 circuit low
B2685	GM	AHLD RH servo driver terminal #2 circuit high
B2686	GM	AHLD RH servo driver terminal #2 circuit open
B2687	GM	AHLD LH position sensor signal circuit malfunction
B2688	GM	AHLD LH position sensor signal circuit range/performance
B2689	GM	AHLD LH position sensor signal circuit low
B2690	GM	AHLD LH position sensor signal circuit high
B2691	GM	AHLD LH position sensor signal circuit open
B2692	GM	AHLD LH position sensor supply circuit malfunction
B2693	GM	AHLD LH position sensor supply circuit range/performance
B2694	GM	AHLD LH position sensor supply circuit low
B2695	GM	AHLD LH position sensor supply circuit high
B2696	GM	AHLD LH position sensor supply circuit open
B2697	GM	Headlamp washer request circuit malfunction
B2700	GM	Ignition shift interlock circuit malfunction
B2701	GM	Ignition shift interlock circuit range/performance
B2702	GM	Ignition shift interlock circuit low
B2703	GM	Ignition shift interlock circuit high
B2704	GM	Ignition shift interlock circuit open
B2705	GM	Gearshift unlock circuit malfunction
B2706	GM	Gearshift unlock circuit range/performance
B2707	GM	Gearshift unlock circuit low
B2708	GM	Gearshift unlock circuit high
B2709	GM	Gearshift unlock circuit open

B2712	GM	Gearshift lock circuit low
B2713	GM	Gearshift lock circuit high
B2714	GM	Gearshift lock circuit open
B2715	GM	Gearshift override circuit malfunction
B2716	GM	Gearshift override circuit range/performance
B2717	GM	Gearshift override circuit low
B2718	GM	Gearshift override circuit high
B2720	GM	Transmission preference switch circuit malfunction
B2721	GM	Transmission preference switch circuit range/performance
B2722	GM	Transmission preference switch circuit low
B2723	GM	Transmission preference switch circuit high
B2724	GM	Transmission preference switch circuit open
B2726	GM	ATC mode switch circuit range/performance
B2727	GM	ATC mode switch circuit low
B2728	GM	ATC mode switch circuit high
B2729	GM	ATC mode switch circuit open
B2730	GM	Trunk release switch circuit malfunction
B2731	GM	Trunk release switch circuit range/performance
B2732	GM	Trunk release switch circuit low
B2733	GM	Trunk release switch circuit high
B2735	GM	Fuel door release switch circuit malfunction
B2736	GM	Fuel door release switch circuit range/performance
B2737	GM	Fuel door release switch circuit low
B2738	GM	Fuel door release switch circuit high
B2739	GM	Fuel door release switch circuit open
B2740	GM	Foglamp switch circuit malfunction
B2741	GM	Foglamp switch circuit range/performance
B2742	GM	Foglamp switch circuit low
B2743	GM	Foglamp switch circuit high
B2744	GM	Foglamp switch circuit open
B2745	GM	Traction control switch circuit malfunction
B2746	GM	Traction control switch circuit range/performance
B2747	GM	Traction control switch circuit low
B2748	GM	Traction control switch circuit high
B2749	GM	Traction control switch circuit open
B2751	GM	Horn relay coil circuit range/performance
B2752	GM	Horn relay coil circuit low
B2753	GM	Horn relay coil circuit high
B2754	GM	Horn relay coil circuit open
B2755	GM	LF/Driver memory 1 select switch circuit malfunction
B2756	GM	LF/Driver memory 1 select switch circuit range/performance
B2758	GM	LF/Driver memory 1 select switch circuit high
B2759	GM	LF/Driver memory 1 select switch circuit open
B2760	GM	LF/Driver memory 2 select switch circuit malfunction
B2761	GM	LF/Driver memory 2 select switch circuit range/performance
B2763	GM	LF/Driver memory 2 select switch circuit high
B2764	GM	LF/Driver memory 2 select switch circuit open
B2765	GM	LF/Driver memory set switch circuit malfunction
B2766	GM	LF/Driver memory set switch circuit range/performance
B2768	GM	LF/Driver memory set switch circuit high
B2769	GM	LF/Driver memory set switch circuit open
B2770	GM	LF/Driver memory exit/off switch circuit malfunction
B2771	GM	LF/Driver memory exit/off switch circuit range/performance
B2773	GM	LF/Driver memory exit/off switch circuit high
B2774	GM	LF/Driver memory exit/off switch circuit open
B2775	GM	RF/Passenger memory 1 select switch circuit malfunction
B2776	GM	RF/Passenger memory 1 select switch circuit range/performance
B2777	GM	RF/Passenger memory 1 select switch circuit low
B2778	GM	RF/Passenger memory 1 select switch circuit high
B2779	GM	RF/Passenger memory 1 select switch circuit open
B2784	GM	RF/Passenger memory 2 select switch circuit open
B2785	GM	RF/Passenger memory set switch circuit malfunction
B2786	GM	RF/Passenger memory set switch circuit range/performance
B2787	GM	RF/Passenger memory set switch circuit low
B2788	GM	RF/Passenger memory set switch circuit high
B2789	GM	RF/Passenger memory set switch circuit open
B2790	GM	RF/Passenger memory exit/off switch circuit malfunction
B2791	GM	RF/Passenger memory exit/off switch circuit range/performance
B2792	GM	RF/Passenger memory exit/off switch circuit low
B2793	GM	RF/Passenger memory exit/off switch circuit high
B2794	GM	RF/Passenger memory exit/off switch circuit open
B2795	GM	Suspension control select switch circuit malfunction
B2796	GM	Suspension control select switch circuit range/performance
B2797	GM	Suspension control select switch circuit low
B2798	GM	Suspension control select switch circuit high
B2799	GM	Suspension control select switch circuit open
B2800	GM	Suspension control select switch feedback malfunction
B2801	GM	Suspension control select switch feedback range/performance

B2802	GM	Suspension control select switch feedback low
B2803	GM	Suspension control select switch feedback high
B2804	GM	Suspension control select switch feedback open
B2806	GM	Steering wheel controls HVAC switch circuit range/performance
B2807	GM	Steering wheel controls HVAC switch circuit low
B2808	GM	Steering wheel controls HVAC switch circuit high
B2809	GM	Steering wheel controls HVAC switch circuit open
B2811	GM	Steering wheel controls entertainment circuit range/performance
B2812	GM	Steering wheel controls entertainment circuit low
B2813	GM	Steering wheel controls entertainment circuit high
B2814	GM	Steering wheel controls entertainment circuit open
B2815	GM	Steering wheel controls illegal resistance value
B2816	GM	Low tire pressure system reset circuit malfunction
B2817	GM	Low tire pressure system reset circuit range/performance
B2818	GM	Low tire pressure system reset circuit low
B2819	GM	Low tire pressure system reset circuit high
B2820	GM	Low tire pressure system reset circuit open
B2821	GM	Trip odometer reset switch circuit malfunction
B2822	GM	Trip odometer reset switch circuit range/performance
B2823	GM	Trip odometer reset switch circuit low
B2824	GM	Trip odometer reset switch circuit high
B2825	GM	Trip odometer reset switch circuit open
B2826	GM	DIC fuel info switch circuit malfunction
B2827	GM	DIC fuel info switch circuit range/performance
B2828	GM	DIC fuel info switch circuit low
B2829	GM	DIC fuel info switch circuit high
B2830	GM	DIC fuel info switch circuit open
B2831	GM	DIC gage switch circuit malfunction
B2832	GM	DIC gage switch circuit range/performance
B2833	GM	DIC gage switch circuit low
B2834	GM	DIC gage switch circuit high
B2835	GM	DIC gage switch circuit open
B2836	GM	DIC reset switch circuit malfunction
B2837	GM	DIC reset switch circuit range/performance
B2838	GM	DIC reset switch circuit low
B2839	GM	DIC reset switch circuit high
B2840	GM	DIC reset switch circuit open
B2841	GM	DIC English/Metric switch circuit malfunction
B2842	GM	DIC English/Metric switch circuit range/performance
B2843	GM	DIC English/Metric switch circuit low
B2844	GM	DIC English/Metric switch circuit high
B2845	GM	DIC English/Metric switch circuit open
B2846	GM	DIC Trip/Season odometer switch circuit malfunction
B2847	GM	DIC Trip/Season odometer switch circuit range/performance
B2848	GM	DIC Trip/Season odometer switch circuit low
B2849	GM	DIC Trip/Season odometer switch circuit high
B2850	GM	Telescope forward switch circuit malfunction
B2851	GM	Telescope forward switch circuit range/performance
B2852	GM	Telescope forward switch circuit low
B2854	GM	Telescope forward switch circuit open
B2855	GM	Telescope rearward switch circuit malfunction
B2856	GM	Telescope rearward switch circuit range/performance
B2857	GM	Telescope rearward switch circuit low
B2859	GM	Telescope rearward switch circuit open
B2861	GM	Telescope position sensor range/performance
B2863	GM	Telescope position sensor high
B2864	GM	Telescope position sensor open
B2865	GM	Telescope position feedback circuit malfunction
B2866	GM	Telescope position feedback circuit range/performance
B2867	GM	Telescope position feedback circuit low
B2868	GM	Telescope position feedback circuit high
B2869	GM	Telescope position feedback circuit open
B2870	GM	Tilt up switch circuit malfunction
B2871	GM	Tilt up switch circuit range/performance
B2872	GM	Tilt up switch circuit low
B2874	GM	Tilt up switch circuit open
B2875	GM	Tilt down switch circuit malfunction
B2876	GM	Tilt down switch circuit range/performance
B2877	GM	Tilt down switch circuit low
B2879	GM	Tilt down switch circuit open
B2881	GM	Tilt position sensor range/performance
B2883	GM	Tilt position sensor high
B2884	GM	Tilt position sensor open
B2885	GM	Tilt position feedback circuit malfunction
B2886	GM	Tilt position feedback circuit range/performance
B2887	GM	Tilt position feedback circuit low
B2888	GM	Tilt position feedback circuit high
B2889	GM	Tilt position feedback circuit open

B2890	GM	Tilt & telescope motor circuit malfunction
B2892	GM	Tilt & telescope motor circuit low
B2893	GM	Tilt & telescope motor circuit high
B2894	GM	Tilt & telescope motor circuit open
B2895	GM	Tilt & telescope motor overcurrent
B2896	GM	Tilt & telescope motor protection active
B2897	GM	Steering column lock solenoid/motor circuit malfunction
B2898	GM	Steering column lock solenoid/motor circuit range/performance
B2899	GM	Steering column lock solenoid/motor circuit low
B2900	GM	Steering column lock solenoid/motor circuit high
B2901	GM	Steering column lock solenoid/motor circuit open
B2902	GM	Tilt & telescope 4-way position switch circuit malfunction
B2903	GM	Tilt & telescope 4-way position switch circuit range/performance
B2905	GM	Tilt & telescope 4-way position switch circuit high
B2906	GM	Tilt & telescope 4-way position switch circuit open
B2925	GM	Security system enable/arm (local) circuit malfunction
B2926	GM	Security system enable/arm (local) circuit range/performance
B2927	GM	Security system enable/arm (local) circuit low
B2928	GM	Security system enable/arm (local) circuit high
B2929	GM	Security system enable/arm (local) circuit open
B2930	GM	Security system disable/disarm (local) circuit malfunction
B2931	GM	Security system disable/disarm (local) circuit range/performance
B2932	GM	Security system disable/disarm (local) circuit low
B2933	GM	Security system disable/disarm (local) circuit high
B2934	GM	Security system disable/disarm (local) circuit open
B2935	GM	Security system enable/arm (remote) circuit malfunction
B2936	GM	Security system enable/arm (remote) circuit range/performance
B2937	GM	Security system enable/arm (remote) circuit low
B2938	GM	Security system enable/arm (remote) circuit high
B2939	GM	Security system enable/arm (remote) circuit open
B2940	GM	Security system disable/disarm (remote) circuit malfunction
B2941	GM	Security system disable/disarm (remote) circuit range/performance
B2942	GM	Security system disable/disarm (remote) circuit low
B2943	GM	Security system disable/disarm (remote) circuit high
B2944	GM	Security system disable/disarm (remote) circuit open
B2945	GM	Security system sensor (Passkey/Passlock/etc.) power circuit malfunction
B2946	GM	Security system sensor (Passkey/Passlock/etc.) power circuit range/performance
B2949	GM	Security system sensor (Passkey/Passlock/etc.) power circuit open
B2950	GM	Security system sensor (Passkey/Passlock/etc.) ground circuit malfunction
B2951	GM	Security system sensor (Passkey/Passlock/etc.) ground circuit range/performance
B2952	GM	Security system sensor (Passkey/Passlock/etc.) ground circuit low
B2953	GM	Security system sensor (Passkey/Passlock/etc.) ground circuit high
B2954	GM	Security system sensor (Passkey/Passlock/etc.) ground circuit open
B2956	GM	Security system sensor (Passkey/Passlock/etc.) data circuit range/performance
B2959	GM	Security system sensor (Passkey/Passlock/etc.) data circuit open
B2961	GM	Key in ignition circuit malfunction
B2962	GM	Key in ignition circuit range/performance
B2963	GM	Key in ignition circuit low
B2964	GM	Key in ignition circuit high
B2965	GM	Key in ignition circuit open
B2966	GM	LF door handle switch circuit malfunction
B2967	GM	LF door handle switch circuit range/performance
B2968	GM	LF door handle switch circuit low
B2969	GM	LF door handle switch circuit high
B2970	GM	LF door handle switch circuit open
B2971	GM	LF door key switch circuit malfunction
B2972	GM	LF door key switch circuit range/performance
B2973	GM	LF door key switch circuit low
B2974	GM	LF door key switch circuit high
B2975	GM	LF door key switch circuit open
B2976	GM	LF door ajar circuit malfunction
B2977	GM	LF door ajar circuit range/performance
B2978	GM	LF door ajar circuit low
B2979	GM	LF door ajar circuit high
B2980	GM	LF door ajar circuit open
B2981	GM	RF door handle switch circuit malfunction
B2982	GM	RF door handle switch circuit range/performance
B2983	GM	RF door handle switch circuit low
B2984	GM	RF door handle switch circuit high
B2985	GM	RF door handle switch circuit open
B2986	GM	RF door key switch circuit malfunction
B2987	GM	RF door key switch circuit range/performance
B2988	GM	RF door key switch circuit low
B2989	GM	RF door key switch circuit high
B2990	GM	RF door key switch circuit open
B2991	GM	RF door ajar circuit malfunction
B2992	GM	RF door ajar circuit range/performance
B2993	GM	RF door ajar circuit low

B2994	GM	RF door ajar circuit high
B2995	GM	RF door ajar circuit open
B2996	GM	LR door ajar circuit malfunction
B2997	GM	LR door ajar circuit range/performance
B2998	GM	LR door ajar circuit low
B2999	GM	LR door ajar circuit high
B3000	GM	LR door ajar circuit open
B3001	GM	RR door ajar circuit malfunction
B3002	GM	RR door ajar circuit range/performance
B3003	GM	RR door ajar circuit low
B3004	GM	RR door ajar circuit high
B3005	GM	RR door ajar circuit open
B3006	GM	Hood ajar circuit malfunction
B3007	GM	Hood ajar circuit range/performance
B3008	GM	Hood ajar circuit low
B3009	GM	Hood ajar circuit high
B3010	GM	Hood ajar circuit open
B3011	GM	Trunk/liftglass/hatch ajar circuit malfunction
B3012	GM	Trunk/liftglass/hatch ajar circuit range/performance
B3013	GM	Trunk/liftglass/hatch ajar circuit low
B3014	GM	Trunk/liftglass/hatch ajar circuit high
B3015	GM	Trunk/liftglass/hatch ajar circuit open
B3016	GM	Door key switches (LF/RF) circuit malfunction
B3017	GM	Door key switches (LF/RF) circuit range/performance
B3018	GM	Door key switches (LF/RF) circuit low
B3019	GM	Door key switches (LF/RF) circuit high
B3020	GM	Door key switches (LF/RF) circuit open
B3021	GM	Fuel enable circuit malfunction
B3022	GM	Fuel enable circuit range/performance
B3023	GM	Fuel enable circuit low
B3024	GM	Fuel enable circuit high
B3025	GM	Fuel enable circuit open
B3026	GM	Starter enable circuit malfunction
B3027	GM	Starter enable circuit range/performance
B3030	GM	Starter enable circuit open
B3032	GM	Security system fail enable entered
B3034	GM	Security system inoperative
B3035	GM	Door handle switches (LF/RF) circuit malfunction
B3036	GM	Door handle switches (LF/RF) circuit range/performance
B3037	GM	Door handle switches (LF/RF) circuit low
B3038	GM	Door handle switches (LF/RF) circuit high
B3039	GM	Door handle switches (LF/RF) circuit open
B3040	GM	Immobilizer-ECM communication circuit malfunction
B3041	GM	Immobilizer-ECM communication circuit range/performance
B3042	GM	Immobilizer-ECM communication circuit low
B3043	GM	Immobilizer-ECM communication circuit high
B3044	GM	Immobilizer-ECM communication circuit open
B3045	GM	DWA-immobilizer circuit malfunction
B3046	GM	DWA-immobilizer circuit range/performance
B3047	GM	DWA-immobilizer circuit low
B3048	GM	DWA-immobilizer circuit high
B3049	GM	DWA-immobilizer circuit open
B3050	GM	Immobilizer external relay circuit malfunction
B3051	GM	Immobilizer external relay circuit range/performance
B3052	GM	Immobilizer external relay circuit low
B3053	GM	Immobilizer external relay circuit high
B3054	GM	Immobilizer external relay circuit open
B3056	GM	No transponder ID code programmed
B3057	GM	No security code programmed
B3058	GM	No secret key programmed
B3059	GM	No request from ECM/PCM received
B3060	GM	Unprogrammed transponder ID code received
B3061	GM	Disturbed transponder ID code received
B3062	GM	RF/LF door key lock switch circuit malfunction
B3063	GM	RF/LF door key lock switch circuit range/performance
B3064	GM	RF/LF door key lock switch circuit low
B3065	GM	RF/LF door key lock switch circuit high
B3066	GM	RF/LF door key lock switch circuit open
B3067	GM	RF/LF door key unlock switch circuit malfunction
B3068	GM	RF/LF door key unlock switch circuit range/performance
B3070	GM	RF/LF door key unlock switch circuit high
B3071	GM	RF/LF door key unlock switch circuit open
B3072	GM	Immobilizer request input circuit malfunction
B3073	GM	Immobilizer request input circuit range/performance
B3074	GM	Immobilizer request input circuit low
B3075	GM	Immobilizer request input circuit high
B3076	GM	Immobilizer request input circuit open
B3077	GM	Fixcode transponder detected

B3078	GM	Security system horn output circuit malfunction
B3079	GM	Security system horn output circuit range/performance
B3080	GM	Security system horn output circuit low
B3081	GM	Security system horn output circuit high
B3082	GM	Security system horn output circuit open
B3083	GM	Incorrect PCM security password
B3084	GM	Security system exterior lamps control circuit malfunction
B3085	GM	Security system exterior lamps control circuit range/performance
B3086	GM	Security system exterior lamps control circuit low
B3087	GM	Security system exterior lamps control circuit high
B3088	GM	Security system exterior lamps control circuit open
B3089	GM	Content theft system sensor (Shock/Intrusion/etc.) signal circuit malfunction
B3090	GM	Content theft system sensor (Shock/Intrusion/etc.) signal circuit range/performance
B3091	GM	Content theft system sensor (Shock/Intrusion/etc.) signal circuit low
B3092	GM	Content theft system sensor (Shock/Intrusion/etc.) signal circuit high
B3093	GM	Content theft system sensor (Shock/Intrusion/etc.) signal circuit open
B3094	GM	No response from ECM/PCM received
B3095	GM	Content theft system sensor (Shock/Intrusion/etc.) power circuit malfunction
B3096	GM	Content theft system sensor (Shock/Intrusion/etc.) power circuit range/performance
B3097	GM	Content theft system sensor (Shock/Intrusion/etc.) power circuit low
B3098	GM	Content theft system sensor (Shock/Intrusion/etc.) power circuit high
B3099	GM	Content theft system sensor (Shock/Intrusion/etc.) power circuit open
B3100	GM	Keyless entry data link circuit malfunction
B3101	GM	Keyless entry data link circuit range/performance
B3102	GM	Keyless entry data link circuit low
B3103	GM	Keyless entry data link circuit high
B3104	GM	Keyless entry data link circuit open
B3105	GM	Keyless entry system key fobs not programmed
B3106	GM	Keyless entry data link parity error
B3107	GM	Keyless entry invalid transmitter ID
B3109	GM	Keyless entry transmitter low battery
B3125	GM	LF door only unlock circuit malfunction
B3126	GM	LF door only unlock circuit range/performance
B3127	GM	LF door only unlock circuit low
B3128	GM	LF door only unlock circuit high
B3129	GM	LF door only unlock circuit open
B3130	GM	All door unlock circuit malfunction
B3131	GM	All door unlock circuit range/performance
B3132	GM	All door unlock circuit low
B3133	GM	All door unlock circuit high
B3134	GM	All door unlock circuit open
B3135	GM	All door lock circuit malfunction
B3136	GM	All door lock circuit range/performance
B3137	GM	All door lock circuit low
B3138	GM	All door lock circuit high
B3139	GM	All door lock circuit open
B3140	GM	LF unlock switch circuit malfunction
B3141	GM	LF unlock switch circuit range/performance
B3143	GM	LF unlock switch circuit high
B3144	GM	LF unlock switch circuit open
B3145	GM	RF/Passenger unlock switch circuit malfunction
B3146	GM	RF/Passenger unlock switch circuit range/performance
B3148	GM	RF/Passenger unlock switch circuit high
B3149	GM	RF/Passenger unlock switch circuit open
B3150	GM	LF lock switch circuit malfunction
B3151	GM	LF lock switch circuit range/performance
B3153	GM	LF lock switch circuit high
B3154	GM	LF lock switch circuit open
B3155	GM	RF lock switch circuit malfunction
B3156	GM	RF lock switch circuit range/performance
B3158	GM	RF lock switch circuit high
B3159	GM	RF lock switch circuit open
B3160	GM	LF window up switch (at door) circuit malfunction
B3161	GM	LF window up switch (at door) circuit range/performance
B3162	GM	LF window up switch (at door) circuit low
B3163	GM	LF window up switch (at door) circuit high
B3164	GM	LF window up switch (at door) circuit open
B3165	GM	LF window down switch (at door) circuit malfunction
B3166	GM	LF window down switch (at door) circuit range/performance
B3167	GM	LF window down switch (at door) circuit low
B3168	GM	LF window down switch (at door) circuit high
B3169	GM	LF window down switch (at door) circuit open
B3170	GM	RF window up switch (at door) circuit malfunction
B3171	GM	RF window up switch (at door) circuit range/performance
B3173	GM	RF window up switch (at door) circuit high
B3174	GM	RF window up switch (at door) circuit open
B3175	GM	RF window down switch (at door) circuit malfunction
B3176	GM	RF window down switch (at door) circuit range/performance

B3178	GM	RF window down switch (at door) circuit high
B3179	GM	RF window down switch (at door) circuit open
B3180	GM	LR window up switch (at door) circuit malfunction
B3181	GM	LR window up switch (at door) circuit range/performance
B3182	GM	LR window up switch (at door) circuit low
B3183	GM	LR window up switch (at door) circuit high
B3184	GM	LR window up switch (at door) circuit open
B3185	GM	LR window down switch (at door) circuit malfunction
B3186	GM	LR window down switch (at door) circuit range/performance
B3187	GM	LR window down switch (at door) circuit low
B3188	GM	LR window down switch (at door) circuit high
B3189	GM	LR window down switch (at door) circuit open
B3190	GM	RR window up switch (at door) circuit malfunction
B3191	GM	RR window up switch (at door) circuit range/performance
B3192	GM	RR window up switch (at door) circuit low
B3193	GM	RR window up switch (at door) circuit high
B3194	GM	RR window up switch (at door) circuit open
B3195	GM	RR window down switch (at door) circuit malfunction
B3196	GM	RR window down switch (at door) circuit range/performance
B3197	GM	RR window down switch (at door) circuit low
B3198	GM	RR window down switch (at door) circuit high
B3199	GM	RR window down switch (at door) circuit open
B3200	GM	Rear window lockout switch circuit malfunction
B3201	GM	Rear window lockout switch circuit range/performance
B3202	GM	Rear window lockout switch circuit low
B3204	GM	Rear window lockout switch circuit open
B3205	GM	LF/Driver window motor circuit malfunction
B3206	GM	LF/Driver window motor circuit range/performance
B3207	GM	LF/Driver window motor circuit low
B3208	GM	LF/Driver window motor circuit high
B3209	GM	LF/Driver window motor circuit open
B3210	GM	RF/Passenger window motor circuit malfunction
B3211	GM	RF/Passenger window motor circuit range/performance
B3212	GM	RF/Passenger window motor circuit low
B3213	GM	RF/Passenger window motor circuit high
B3214	GM	RF/Passenger window motor circuit open
B3215	GM	LR window motor circuit malfunction
B3216	GM	LR window motor circuit range/performance
B3217	GM	LR window motor circuit low
B3218	GM	LR window motor circuit high
B3219	GM	LR window motor circuit open
B3220	GM	RR window motor circuit malfunction
B3221	GM	RR window motor circuit range/performance
B3222	GM	RR window motor circuit low
B3223	GM	RR window motor circuit high
B3224	GM	RR window motor circuit open
B3225	GM	LF lock motor circuit malfunction
B3226	GM	LF lock motor circuit range/performance
B3227	GM	LF lock motor circuit low
B3228	GM	LF lock motor circuit high
B3229	GM	LF lock motor circuit open
B3230	GM	RF lock motor circuit malfunction
B3231	GM	RF lock motor circuit range/performance
B3232	GM	RF lock motor circuit low
B3233	GM	RF lock motor circuit high
B3234	GM	RF lock motor circuit open
B3235	GM	LR lock motor circuit malfunction
B3236	GM	LR lock motor circuit range/performance
B3237	GM	LR lock motor circuit low
B3238	GM	LR lock motor circuit high
B3239	GM	LR lock motor circuit open
B3240	GM	RR lock motor circuit malfunction
B3241	GM	RR lock motor circuit range/performance
B3242	GM	RR lock motor circuit low
B3243	GM	RR lock motor circuit high
B3244	GM	RR lock motor circuit open
B3245	GM	Cargo door/liftgate lock motor circuit malfunction
B3246	GM	Cargo door/liftgate lock motor circuit range/performance
B3247	GM	Cargo door/liftgate lock motor circuit low
B3248	GM	Cargo door/liftgate lock motor circuit high
B3249	GM	Cargo door/liftgate lock motor circuit open
B3250	GM	Power sliding door position circuit malfunction
B3251	GM	Power sliding door position circuit range/performance
B3252	GM	Power sliding door position circuit low
B3253	GM	Power sliding door position circuit high
B3254	GM	Power sliding door position circuit open
B3255	GM	Power sliding door sensor circuit malfunction
B3256	GM	Power sliding door sensor circuit range/performance

B3257	GM	Power sliding door sensor circuit low
B3258	GM	Power sliding door sensor circuit high
B3259	GM	Power sliding door sensor circuit open
B3260	GM	Power sliding door secondary latch circuit malfunction
B3261	GM	Power sliding door secondary latch circuit range/performance
B3262	GM	Power sliding door secondary latch circuit low
B3263	GM	Power sliding door secondary latch circuit high
B3264	GM	Power sliding door secondary latch circuit open
B3265	GM	Trunk release output circuit malfunction
B3266	GM	Trunk release output circuit range/performance
B3267	GM	Trunk release output circuit low
B3268	GM	Trunk release output circuit high
B3269	GM	Trunk release output circuit open
B3270	GM	RF/LF door lock/unlock switch circuit malfunction
B3271	GM	RF/LF door lock/unlock switch circuit range/performance
B3272	GM	RF/LF door lock/unlock switch circuit low
B3273	GM	RF/LF door lock/unlock switch circuit high
B3274	GM	RF/LF door lock/unlock switch circuit open
B3275	GM	LF window express up/down circuit (at door) malfunction
B3276	GM	LF window express up/down circuit (at door) range/performance
B3277	GM	LF window express up/down circuit (at door) low
B3278	GM	LF window express up/down circuit (at door) high
B3279	GM	LF window express up/down circuit (at door) open
B3280	GM	RF window express up/down circuit (at door) malfunction
B3281	GM	RF window express up/down circuit (at door) range/performance
B3283	GM	RF window express up/down circuit (at door) high
B3284	GM	RF window express up/down circuit (at door) open
B3285	GM	LR window express up/down circuit (at door) malfunction
B3286	GM	LR window express up/down circuit (at door) range/performance
B3288	GM	LR window express up/down circuit (at door) high
B3289	GM	LR window express up/down circuit (at door) open
B3290	GM	RR window express up/down circuit (at door) malfunction
B3291	GM	RR window express up/down circuit (at door) range/performance
B3293	GM	RR window express up/down circuit (at door) high
B3294	GM	RR window express up/down circuit (at door) open
B3295	GM	LF window express up circuit (at door) malfunction
B3296	GM	LF window express up circuit (at door) range/performance
B3297	GM	LF window express up circuit (at door) low
B3298	GM	LF window express up circuit (at door) high
B3299	GM	LF window express up circuit (at door) open
B3300	GM	RF window express up circuit (at door) malfunction
B3301	GM	RF window express up circuit (at door) range/performance
B3302	GM	RF window express up circuit (at door) low
B3303	GM	RF window express up circuit (at door) high
B3304	GM	RF window express up circuit (at door) open
B3305	GM	LR window express up circuit (at door) malfunction
B3306	GM	LR window express up circuit (at door) range/performance
B3307	GM	LR window express up circuit (at door) low
B3308	GM	LR window express up circuit (at door) high
B3309	GM	LR window express up circuit (at door) open
B3310	GM	RR window express up circuit (at door) malfunction
B3311	GM	RR window express up circuit (at door) range/performance
B3312	GM	RR window express up circuit (at door) low
B3313	GM	RR window express up circuit (at door) high
B3314	GM	RR window express up circuit (at door) open
B3315	GM	LF window express down circuit (at door) malfunction
B3316	GM	LF window express down circuit (at door) range/performance
B3317	GM	LF window express down circuit (at door) low
B3318	GM	LF window express down circuit (at door) high
B3319	GM	LF window express down circuit (at door) open
B3320	GM	RF window express down circuit (at door) malfunction
B3321	GM	RF window express down circuit (at door) range/performance
B3322	GM	RF window express down circuit (at door) low
B3323	GM	RF window express down circuit (at door) high
B3324	GM	RF window express down circuit (at door) open
B3325	GM	LR window express down circuit (at door) malfunction
B3326	GM	LR window express down circuit (at door) range/performance
B3327	GM	LR window express down circuit (at door) low
B3328	GM	LR window express down circuit (at door) high
B3329	GM	LR window express down circuit (at door) open
B3330	GM	RR window express down circuit (at door) malfunction
B3331	GM	RR window express down circuit (at door) range/performance
B3332	GM	RR window express down circuit (at door) low
B3333	GM	RR window express down circuit (at door) high
B3334	GM	RR window express down circuit (at door) open
B3335	GM	LR unlock switch circuit malfunction
B3336	GM	LR unlock switch circuit range/performance
B3337	GM	LR unlock switch circuit low

B3338	GM	LR unlock switch circuit high
B3339	GM	LR unlock switch circuit open
B3340	GM	RR unlock switch circuit malfunction
B3341	GM	RR unlock switch circuit range/performance
B3342	GM	RR unlock switch circuit low
B3343	GM	RR unlock switch circuit high
B3344	GM	RR unlock switch circuit open
B3345	GM	LR lock switch circuit malfunction
B3346	GM	LR lock switch circuit range/performance
B3347	GM	LR lock switch circuit low
B3348	GM	LR lock switch circuit high
B3349	GM	LR lock switch circuit open
B3350	GM	RR lock switch circuit malfunction
B3351	GM	RR lock switch circuit range/performance
B3352	GM	RR lock switch circuit low
B3353	GM	RR lock switch circuit high
B3354	GM	RR lock switch circuit open
B3355	GM	LF window obstruction sensor supply circuit malfunction
B3356	GM	LF window obstruction sensor supply circuit range/performance
B3357	GM	LF window obstruction sensor supply circuit low
B3358	GM	LF window obstruction sensor supply circuit high
B3359	GM	LF window obstruction sensor supply circuit open
B3360	GM	RF window obstruction sensor supply circuit malfunction
B3361	GM	RF window obstruction sensor supply circuit range/performance
B3362	GM	RF window obstruction sensor supply circuit low
B3363	GM	RF window obstruction sensor supply circuit high
B3364	GM	RF window obstruction sensor supply circuit open
B3365	GM	LR window obstruction sensor supply circuit malfunction
B3366	GM	LR window obstruction sensor supply circuit range/performance
B3367	GM	LR window obstruction sensor supply circuit low
B3368	GM	LR window obstruction sensor supply circuit high
B3369	GM	LR window obstruction sensor supply circuit open
B3370	GM	RR window obstruction sensor supply circuit malfunction
B3371	GM	RR window obstruction sensor supply circuit range/performance
B3372	GM	RR window obstruction sensor supply circuit low
B3373	GM	RR window obstruction sensor supply circuit high
B3374	GM	RR window obstruction sensor supply circuit open
B3375	GM	LF window up switch (main cntl) circuit malfunction
B3376	GM	LF window up switch (main cntl) circuit range/performance
B3378	GM	LF window up switch (main cntl) circuit high
B3379	GM	LF window up switch (main cntl) circuit open
B3380	GM	LF window down switch (main cntl) circuit malfunction
B3381	GM	LF window down switch (main cntl) circuit range/performance
B3383	GM	LF window down switch (main cntl) circuit high
B3384	GM	LF window down switch (main cntl) circuit open
B3385	GM	RF window up switch (main cntl) circuit malfunction
B3386	GM	RF window up switch (main cntl) circuit range/performance
B3388	GM	RF window up switch (main cntl) circuit high
B3389	GM	RF window up switch (main cntl) circuit open
B3390	GM	RF window down switch (main cntl) circuit malfunction
B3391	GM	RF window down switch (main cntl) circuit range/performance
B3393	GM	RF window down switch (main cntl) circuit high
B3394	GM	RF window down switch (main cntl) circuit open
B3395	GM	LR window up switch (main cntl) circuit malfunction
B3396	GM	LR window up switch (main cntl) circuit range/performance
B3398	GM	LR window up switch (main cntl) circuit high
B3399	GM	LR window up switch (main cntl) circuit open
B3400	GM	AHLD RH position sensor signal circuit malfunction
B3401	GM	AHLD RH position sensor signal circuit range/performance
B3402	GM	AHLD RH position sensor signal circuit low
B3403	GM	AHLD RH position sensor signal circuit high
B3404	GM	AHLD RH position sensor signal circuit open
B3405	GM	AHLD RH position sensor supply circuit malfunction
B3406	GM	AHLD RH position sensor supply circuit range/performance
B3407	GM	AHLD RH position sensor supply circuit low
B3408	GM	AHLD RH position sensor supply circuit high
B3409	GM	AHLD RH position sensor supply circuit open
B3410	GM	AHLD front axle sensor signal circuit malfunction
B3411	GM	AHLD front axle sensor signal circuit range/performance
B3412	GM	AHLD front axle sensor signal circuit low
B3413	GM	AHLD front axle sensor signal circuit high
B3414	GM	AHLD front axle sensor signal circuit open
B3415	GM	AHLD front axle sensor supply circuit malfunction
B3416	GM	AHLD front axle sensor supply circuit range/performance
B3417	GM	AHLD front axle sensor supply circuit low
B3418	GM	AHLD front axle sensor supply circuit high
B3419	GM	AHLD front axle sensor supply circuit open
B3420	GM	AHLD rear axle sensor signal circuit malfunction

B3421	GM	AHLD rear axle sensor signal circuit range/performance
B3422	GM	AHLD rear axle sensor signal circuit low
B3423	GM	AHLD rear axle sensor signal circuit high
B3424	GM	AHLD rear axle sensor signal circuit open
B3425	GM	AHLD rear axle sensor supply circuit malfunction
B3426	GM	AHLD rear axle sensor supply circuit range/performance
B3427	GM	AHLD rear axle sensor supply circuit low
B3428	GM	AHLD rear axle sensor supply circuit high
B3429	GM	AHLD rear axle sensor supply circuit open
B3430	GM	AHLD low beam input circuit malfunction
B3431	GM	AHLD low beam input circuit range/performance
B3432	GM	AHLD low beam input circuit low
B3433	GM	AHLD low beam input circuit high
B3434	GM	AHLD low beam input circuit open
B3435	GM	AHLD LH servo driver (#1 and/or #2) circuit malfunction
B3436	GM	AHLD LH servo driver (#1 and/or #2) circuit range/performance
B3437	GM	AHLD LH servo driver (#1 and/or #2) circuit low
B3438	GM	AHLD LH servo driver (#1 and/or #2) circuit high
B3439	GM	AHLD LH servo driver (#1 and/or #2) circuit open
B3440	GM	AHLD RH servo driver (#1 and/or #2) circuit malfunction
B3441	GM	AHLD RH servo driver (#1 and/or #2) circuit range/performance
B3442	GM	AHLD RH servo driver (#1 and/or #2) circuit low
B3443	GM	AHLD RH servo driver (#1 and/or #2) circuit high
B3444	GM	AHLD RH servo driver (#1 and/or #2) circuit open
B3445	GM	Stoplamp circuit malfunction
B3446	GM	Stoplamp circuit range/performance
B3447	GM	Stoplamp circuit low
B3448	GM	Stoplamp circuit high
B3449	GM	Stoplamp circuit open
B3450	GM	LR window down switch (main cntl) circuit malfunction
B3451	GM	LR window down switch (main cntl) circuit range/performance
B3453	GM	LR window down switch (main cntl) circuit high
B3454	GM	LR window down switch (main cntl) circuit open
B3455	GM	RR window up switch (main cntl) circuit malfunction
B3456	GM	RR window up switch (main cntl) circuit range/performance
B3458	GM	RR window up switch (main cntl) circuit high
B3459	GM	RR window up switch (main cntl) circuit open
B3460	GM	RR window down switch (main cntl) circuit malfunction
B3461	GM	RR window down switch (main cntl) circuit range/performance
B3463	GM	RR window down switch (main cntl) circuit high
B3464	GM	RR window down switch (main cntl) circuit open
B3465	GM	LF window express up/down circuit (main cntl) malfunction
B3466	GM	LF window express up/down circuit (main cntl) range/performance
B3468	GM	LF window express up/down circuit (main cntl) high
B3469	GM	LF window express up/down circuit (main cntl) open
B3470	GM	RF window express up/down circuit (main cntl) malfunction
B3471	GM	RF window express up/down circuit (main cntl) range/performance
B3473	GM	RF window express up/down circuit (main cntl) high
B3474	GM	RF window express up/down circuit (main cntl) open
B3475	GM	LR window express up/down circuit (main cntl) malfunction
B3476	GM	LR window express up/down circuit (main cntl) range/performance
B3478	GM	LR window express up/down circuit (main cntl) high
B3479	GM	LR window express up/down circuit (main cntl) open
B3480	GM	RR window express up/down circuit (main cntl) malfunction
B3481	GM	RR window express up/down circuit (main cntl) range/performance
B3483	GM	RR window express up/down circuit (main cntl) high
B3484	GM	RR window express up/down circuit (main cntl) open
B3485	GM	LF window express up circuit (main cntl) malfunction
B3486	GM	LF window express up circuit (main cntl) range/performance
B3487	GM	LF window express up circuit (main cntl) low
B3488	GM	LF window express up circuit (main cntl) high
B3489	GM	LF window express up circuit (main cntl) open
B3490	GM	RF window express up circuit (main cntl) malfunction
B3491	GM	RF window express up circuit (main cntl) range/performance
B3492	GM	RF window express up circuit (main cntl) low
B3493	GM	RF window express up circuit (main cntl) high
B3494	GM	RF window express up circuit (main cntl) open
B3495	GM	LR window express up circuit (main cntl) malfunction
B3496	GM	LR window express up circuit (main cntl) range/performance
B3497	GM	LR window express up circuit (main cntl) low
B3498	GM	LR window express up circuit (main cntl) high
B3499	GM	LR window express up circuit (main cntl) open
B3500	GM	RR window express up circuit (main cntl) malfunction
B3501	GM	RR window express up circuit (main cntl) range/performance
B3502	GM	RR window express up circuit (main cntl) low
B3503	GM	RR window express up circuit (main cntl) high
B3504	GM	RR window express up circuit (main cntl) open
B3505	GM	LF window express down circuit (main cntl) malfunction

B3506	GM	LF window express down circuit (main cntl) range/performance
B3507	GM	LF window express down circuit (main cntl) low
B3508	GM	LF window express down circuit (main cntl) high
B3509	GM	LF window express down circuit (main cntl) open
B3510	GM	RF window express down circuit (main cntl) malfunction
B3511	GM	RF window express down circuit (main cntl) range/performance
B3512	GM	RF window express down circuit (main cntl) low
B3513	GM	RF window express down circuit (main cntl) high
B3514	GM	RF window express down circuit (main cntl) open
B3515	GM	LR window express down circuit (main cntl) malfunction
B3516	GM	LR window express down circuit (main cntl) range/performance
B3518	GM	LR window express down circuit (main cntl) high
B3519	GM	LR window express down circuit (main cntl) open
B3520	GM	RR window express down circuit (main cntl) malfunction
B3521	GM	RR window express down circuit (main cntl) range/performance
B3523	GM	RR window express down circuit (main cntl) high
B3524	GM	RR window express down circuit (main cntl) open
B3525	GM	Window lockout switch circuit malfunction
B3526	GM	Window lockout switch circuit range/performance
B3528	GM	Window lockout switch circuit high
B3529	GM	Window lockout switch circuit open
B3530	GM	DIC Trip/Season odometer switch circuit open
B3531	GM	Air flow control #10 (rear) circuit malfunction
B3532	GM	Air flow control #10 (rear) circuit range/performance
B3533	GM	Air flow control #10 (rear) circuit low
B3534	GM	Air flow control #10 (rear) circuit high
B3535	GM	Air flow control #10 (rear) circuit open
B3536	GM	Oil life reset switch circuit malfunction
B3537	GM	Oil life reset switch circuit range/performance
B3538	GM	Oil life reset switch circuit low
B3539	GM	Oil life reset switch circuit high
B3540	GM	Oil life reset switch circuit open
B3541	GM	DRL filament open
B3542	GM	LF window obstruction sensor control circuit malfunction
B3543	GM	LF window obstruction sensor control circuit range/performance
B3544	GM	LF window obstruction sensor control circuit low
B3545	GM	LF window obstruction sensor control circuit high
B3546	GM	LF window obstruction sensor control circuit open
B3547	GM	RF window obstruction sensor control circuit malfunction
B3548	GM	RF window obstruction sensor control circuit range/performance
B3549	GM	RF window obstruction sensor control circuit low
B3550	GM	RF window obstruction sensor control circuit high
B3551	GM	RF window obstruction sensor control circuit open
B3552	GM	LR window obstruction sensor control circuit malfunction
B3553	GM	LR window obstruction sensor control circuit range/performance
B3554	GM	LR window obstruction sensor control circuit low
B3555	GM	LR window obstruction sensor control circuit high
B3556	GM	LR window obstruction sensor control circuit open
B3557	GM	RR window obstruction sensor control circuit malfunction
B3558	GM	RR window obstruction sensor control circuit range/performance
B3559	GM	RR window obstruction sensor control circuit low
B3560	GM	RR window obstruction sensor control circuit high
B3561	GM	RR window obstruction sensor control circuit open
B3562	GM	DIC mode switch circuit malfunction
B3563	GM	DIC mode switch circuit range/performance
B3564	GM	DIC mode switch circuit low
B3565	GM	DIC mode switch circuit high
B3566	GM	DIC mode switch circuit open
B3567	GM	DIC select switch circuit malfunction
B3568	GM	DIC select switch circuit range/performance
B3569	GM	DIC select switch circuit low
B3570	GM	DIC select switch circuit high
B3571	GM	DIC select switch circuit open
B3572	GM	Trip odometer A/B (trip odo 1 & 2) select switch circuit malfunction
B3573	GM	Trip odometer A/B (trip odo 1 & 2) select switch circuit range/performance
B3574	GM	Trip odometer A/B (trip odo 1 & 2) select switch circuit low
B3575	GM	Trip odometer A/B (trip odo 1 & 2) select switch circuit high
B3576	GM	Trip odometer A/B (trip odo 1 & 2) select switch circuit open
B3577	GM	Suspension control select switch contact malfunction
B3578	GM	Output air temperature sensor #6 (rear upper) circuit malfunction
B3579	GM	Output air temperature sensor #6 (rear upper) circuit range/performance
B3580	GM	Output air temperature sensor #6 (rear upper) circuit low
B3581	GM	Output air temperature sensor #6 (rear upper) circuit high
B3582	GM	Output air temperature sensor #6 (rear upper) circuit open
B3583	GM	Output air temperature sensor #7 (rear lower) circuit malfunction
B3584	GM	Output air temperature sensor #7 (rear lower) circuit range/performance
B3585	GM	Output air temperature sensor #7 (rear lower) circuit low
B3586	GM	Output air temperature sensor #7 (rear lower) circuit high

B3587	GM	Output air temperature sensor #7 (rear lower) circuit open
B3588	GM	Rear foglamp switch circuit malfunction
B3589	GM	Rear foglamp switch circuit range/performance
B3590	GM	Rear foglamp switch circuit low
B3591	GM	Rear foglamp switch circuit high
B3592	GM	Rear foglamp switch circuit open
B3700	GM	Intermittent wiper delay input circuit malfunction
B3701	GM	Intermittent wiper delay input circuit range/performance
B3702	GM	Intermittent wiper delay input circuit low
B3703	GM	Intermittent wiper delay input circuit high
B3704	GM	Intermittent wiper delay input circuit open
B3705	GM	Front washer motor input circuit malfunction
B3706	GM	Front washer motor input circuit range/performance
B3707	GM	Front washer motor input circuit low
B3708	GM	Front washer motor input circuit high
B3709	GM	Front washer motor input circuit open
B3710	GM	Rear washer motor input circuit malfunction
B3711	GM	Rear washer motor input circuit range/performance
B3712	GM	Rear washer motor input circuit low
B3713	GM	Rear washer motor input circuit high
B3714	GM	Rear washer motor input circuit open
B3715	GM	Front wiper relay drive circuit malfunction
B3716	GM	Front wiper relay drive circuit range/performance
B3717	GM	Front wiper relay drive circuit low
B3718	GM	Front wiper relay drive circuit high
B3719	GM	Front wiper relay drive circuit open
B3720	GM	Rear wiper relay drive circuit malfunction
B3721	GM	Rear wiper relay drive circuit range/performance
B3722	GM	Rear wiper relay drive circuit low
B3723	GM	Rear wiper relay drive circuit high
B3724	GM	Rear wiper relay drive circuit open
B3725	GM	LF/Driver seat assembly vertical control switch malfunction
B3726	GM	LF/Driver seat front vertical control switch malfunction
B3727	GM	LF/Driver seat rear vertical control switch malfunction
B3728	GM	LF/Driver seat assembly horizontal control switch malfunction
B3729	GM	LF/Driver seat recline control switch malfunction
B3730	GM	LF/Driver seat lumbar horizontal control switch malfunction
B3731	GM	LF/Driver seat lumbar vertical control switch malfunction
B3732	GM	LF/Driver seat head restraint horizontal control switch malfunction
B3733	GM	LF/Driver seat head restraint vertical control switch malfunction
B3734	GM	RF/Passenger seat assembly vertical control switch malfunction
B3735	GM	RF/Passenger seat front vertical control switch malfunction
B3736	GM	RF/Passenger seat rear vertical control switch malfunction
B3737	GM	RF/Passenger seat assembly horizontal control switch malfunction
B3738	GM	RF/Passenger seat recline control switch malfunction
B3739	GM	RF/Passenger seat lumbar horizontal control switch malfunction
B3740	GM	RF/Passenger seat lumbar vertical control switch malfunction
B3741	GM	RF/Passenger seat head restraint horizontal control switch malfunction
B3742	GM	RF/Passenger seat head restraint vertical control switch malfunction
B3750	GM	DIC on/off signal circuit malfunction
B3751	GM	DIC on/off signal circuit range/performance
B3752	GM	DIC on/off signal circuit low
B3753	GM	DIC on/off signal circuit high
B3754	GM	DIC on/off signal circuit open
B3755	GM	Air flow control #1 (defrost) feedback circuit malfunction
B3756	GM	Air flow control #1 (defrost) feedback circuit low
B3757	GM	Air flow control #1 (defrost) feedback circuit high
B3758	GM	Air flow control #2 (heater) feedback circuit malfunction
B3759	GM	Air flow control #2 (heater) feedback circuit low
B3760	GM	Air flow control #2 (heater) feedback circuit high
B3761	GM	Air flow control #3 (blend defog/floor) feedback circuit malfunction
B3762	GM	Air flow control #3 (blend defog/floor) feedback circuit low
B3763	GM	Air flow control #3 (blend defog/floor) feedback circuit high
B3764	GM	Air flow control #4 (blend face/floor) feedback circuit malfunction
B3765	GM	Air flow control #4 (blend face/floor) feedback circuit low
B3766	GM	Air flow control #4 (blend face/floor) feedback circuit high
B3767	GM	Air flow control #5 (vent) feedback circuit malfunction
B3768	GM	Air flow control #5 (vent) feedback circuit low
B3769	GM	Air flow control #5 (vent) feedback circuit high
B3770	GM	Air flow control #6 (A/C) feedback circuit malfunction
B3771	GM	Air flow control #6 (A/C) feedback circuit low
B3772	GM	Air flow control #6 (A/C) feedback circuit high
B3773	GM	Air flow control #7 (recirc) feedback circuit malfunction
B3774	GM	Air flow control #7 (recirc) feedback circuit low
B3775	GM	Air flow control #7 (recirc) feedback circuit high
B3776	GM	Air flow control #8 (rear defog airflow) feedback circuit malfunction
B3777	GM	Air flow control #8 (rear defog airflow) feedback circuit low
B3778	GM	Air flow control #8 (rear defog airflow) feedback circuit high

B3779	GM	Air flow control #9 (dual zone) feedback circuit malfunction
B3780	GM	Air flow control #9 (dual zone) feedback circuit low
B3781	GM	Air flow control #9 (dual zone) feedback circuit high
B3782	GM	Air flow control #10 (rear) feedback circuit malfunction
B3783	GM	Air flow control #10 (rear) feedback circuit low
B3784	GM	Air flow control #10 (rear) feedback circuit high
B3785	GM	Blower Motor #1 (main/primary/front) Relay Control Circuit Malfunction
B3786	GM	Blower Motor #1 (main/primary/front) Relay Control Circuit Range/Performance
B3787	GM	Blower Motor #1 (main/primary/front) Relay Control Circuit Low
B3788	GM	Blower Motor #1 (main/primary/front) Relay Control Circuit High
B3789	GM	Blower Motor #1 (main/primary/front) Relay Control Circuit Open
B3790	GM	LF/Driver seat side bolster control switch malfunction
B3791	GM	LF/Driver seat thigh bolster control switch malfunction
B3792	GM	LF/Driver seat switch circuit malfunction
B3794	GM	Cruise control function request circuit malfunction
B3795	GM	Left / right turn signal feedback circuit malfunction
B3796	GM	Door lock motors circuit malfunction
B3797	GM	All door dead lock circuit malfunction
B3798	GM	RF / Passenger door unlock circuit malfunction
B3799	GM	Front / rear washer rear wiper select circuit malfunction
B3800	GM	Left / right turn signal request circuit malfunction
B3801	GM	Passenger compartment lamp request circuit malfunction
B3802	GM	Parklamps request circuit malfunction
B3803	GM	All windows up circuit malfunction
B3804	GM	LF / Driver door handle position invalid
B3805	GM	All door unlock crash sensor circuit malfunction
B3806	GM	Headlamps highbeam and flash to pass select circuit malfunction
B3807	GM	Headlamp position control PWM circuit malfunction
B3808	GM	Rear door lock relay circuit malfunction
B3809	GM	Rear door unlock relay circuit malfunction
B3810	GM	Headlamp washer relay circuit malfunction
B3811	GM	Rear washer relay circuit malfunction
B3812	GM	Content theft system sensor (Shock/Intrusion/etc.) ground circuit malfunction
B3813	GM	Content theft system sensor (Shock/Intrusion/etc.) ground circuit range/performance
B3814	GM	Content theft system sensor (Shock/Intrusion/etc.) ground circuit low
B3815	GM	Content theft system sensor (Shock/Intrusion/etc.) ground circuit high
B3816	GM	Content theft system sensor (Shock/Intrusion/etc.) ground circuit open
B3817	GM	Door lock status circuit malfunction
B3818	GM	Door unlock status circuit malfunction
B3819	GM	Left rear window up control circuit malfunction
B3820	GM	Left rear window down control circuit malfunction
B3821	GM	Left rear window relay power circuit malfunction
B3822	GM	Right rear window up control circuit malfunction
B3823	GM	Right rear window down control circuit malfunction
B3824	GM	Right rear window relay power circuit malfunction
B3825	GM	Cargo door/liftgate lock request circuit malfunction
B3826	GM	Cargo door/liftgate unlock request circuit malfunction
B3827	GM	Front wiper status circuit malfunction
B3828	GM	LF/Driver belt tower up switch circuit malfunction
B3829	GM	LF/Driver belt tower down switch circuit malfunction
B3830	GM	LF/Driver belt tower vertical sensor circuit malfunction
B3831	GM	LF/Driver belt tower vertical sensor circuit range/performance
C0035	GM	LF wheel speed sensor circuit malfunction
C0036	GM	LF wheel speed sensor circuit range/performance
C0037	GM	LF wheel speed sensor circuit low
C0038	GM	LF wheel speed sensor circuit high
C0039	GM	LF wheel speed sensor circuit open
C0040	GM	RF wheel speed sensor circuit malfunction
C0041	GM	RF wheel speed sensor circuit range/performance
C0042	GM	RF wheel speed sensor circuit low
C0043	GM	RF wheel speed sensor circuit high
C0044	GM	RF wheel speed sensor circuit open
C0045	GM	LR wheel speed sensor circuit malfunction
C0046	GM	LR wheel speed sensor circuit range/performance
C0047	GM	LR wheel speed sensor circuit low
C0048	GM	LR wheel speed sensor circuit high
C0049	GM	LR wheel speed sensor circuit open
C0050	GM	RR wheel speed sensor circuit malfunction
C0051	GM	RR wheel speed sensor circuit range/performance
C0052	GM	RR wheel speed sensor circuit low
C0053	GM	RR wheel speed sensor circuit high
C0054	GM	RR wheel speed sensor circuit open
C0055	GM	Rear wheel speed sensor (both wheels) circuit malfunction
C0056	GM	Rear wheel speed sensor (both wheels) circuit range/performance
C0057	GM	Rear wheel speed sensor (both wheels) circuit low
C0058	GM	Rear wheel speed sensor (both wheels) circuit high
C0059	GM	Rear wheel speed sensor (both wheels) circuit open
C0060	GM	LF ABS solenoid/motor #1 circuit malfunction

C0061	GM	LF ABS solenoid/motor #1 circuit range/performance
C0062	GM	LF ABS solenoid/motor/ #1 circuit low
C0063	GM	LF ABS solenoid/motor #1 circuit high
C0064	GM	LF ABS solenoid/motor #1 circuit open
C0065	GM	LF ABS solenoid/motor #2 circuit malfunction
C0066	GM	LF ABS solenoid/motor #2 circuit range/performance
C0067	GM	LF ABS solenoid/motor #2 circuit low
C0068	GM	LF ABS solenoid/motor #2 circuit high
C0069	GM	LF ABS solenoid/motor #2 circuit open
C0070	GM	RF ABS solenoid/motor #1 circuit malfunction
C0071	GM	RF ABS solenoid/motor #1 circuit range/performance
C0072	GM	RF ABS solenoid/motor #1 circuit low
C0073	GM	RF ABS solenoid/motor #1 circuit high
C0074	GM	RF ABS solenoid/motor #1 circuit open
C0075	GM	RF ABS solenoid/motor #2 circuit malfunction
C0076	GM	RF ABS solenoid/motor #2 circuit range/performance
C0077	GM	RF ABS solenoid/motor #2 circuit low
C0078	GM	RF ABS solenoid/motor #2 circuit high
C0079	GM	RF ABS solenoid/motor #2 circuit open
C0080	GM	LR ABS solenoid/motor #1 circuit malfunction
C0081	GM	LR ABS solenoid/motor #1 circuit range/performance
C0082	GM	LR ABS solenoid/motor #1 circuit low
C0083	GM	LR ABS solenoid/motor #1 circuit high
C0084	GM	LR ABS solenoid/motor #1 circuit open
C0085	GM	LR ABS solenoid/motor #2 circuit malfunction
C0086	GM	LR ABS solenoid/motor #2 circuit range/performance
C0087	GM	LR ABS solenoid/motor #2 circuit low
C0088	GM	LR ABS solenoid/motor #2 circuit high
C0089	GM	LR ABS solenoid/motor #2 circuit open
C0090	GM	RR ABS solenoid/motor #1 circuit malfunction
C0091	GM	RR ABS solenoid/motor #1 circuit range/performance
C0092	GM	RR ABS solenoid/motor #1 circuit low
C0093	GM	RR ABS solenoid/motor #1 circuit high
C0094	GM	RR ABS solenoid/motor #1 circuit open
C0095	GM	RR ABS solenoid/motor #2 circuit malfunction
C0096	GM	RR ABS solenoid/motor #2 circuit range/performance
C0097	GM	RR ABS solenoid/motor #2 circuit low
C0098	GM	RR ABS solenoid/motor #2 circuit high
C0099	GM	RR ABS solenoid/motor #2 circuit open
C0100	GM	Rear ABS (both wheels) solenoid/motor #1 circuit malfunction
C0101	GM	Rear ABS (both wheels) solenoid/motor #1 circuit range/performance
C0102	GM	Rear ABS (both wheels) solenoid/motor #1 circuit low
C0103	GM	Rear ABS (both wheels) solenoid/motor #1 circuit high
C0104	GM	Rear ABS (both wheels) solenoid/motor #1 circuit open
C0105	GM	Rear ABS (both wheels) solenoid/motor #2 circuit malfunction
C0106	GM	Rear ABS (both wheels) solenoid/motor #2 circuit range/performance
C0107	GM	Rear ABS (both wheels) solenoid/motor #2 circuit low
C0108	GM	Rear ABS (both wheels) solenoid/motor #2 circuit high
C0109	GM	Rear ABS (both wheels) solenoid/motor #2 circuit open
C0110	GM	Pump motor circuit malfunction
C0111	GM	Pump motor circuit range/performance
C0112	GM	Pump motor circuit low
C0113	GM	Pump motor circuit high
C0114	GM	Pump motor circuit open
C0115	GM	Pump motor malfunction
C0116	GM	Pump motor relay circuit malfunction
C0117	GM	Pump motor relay circuit range/performance
C0118	GM	Pump motor relay circuit low
C0119	GM	Pump motor relay circuit high
C0120	GM	Pump motor relay circuit open
C0121	GM	Valve relay circuit malfunction
C0122	GM	Valve relay circuit range/performance
C0123	GM	Valve relay circuit low
C0124	GM	Valve relay circuit high
C0125	GM	Valve relay circuit open
C0126	GM	Low brake fluid circuit malfunction
C0127	GM	Low brake fluid circuit range/performance
C0128	GM	Low brake fluid circuit low
C0129	GM	Low brake fluid circuit high
C0130	GM	Low brake fluid circuit open
C0131	GM	ABS/TCS system pressure circuit malfunction
C0132	GM	ABS/TCS system pressure circuit range/performance
C0133	GM	ABS/TCS system pressure circuit low
C0134	GM	ABS/TCS system pressure circuit high
C0135	GM	ABS/TCS system pressure circuit open
C0136	GM	Base brake system pressure circuit malfunction
C0137	GM	Base brake system pressure circuit range/performance
C0138	GM	Base brake system pressure circuit low

C0139	GM	Base brake system pressure circuit high
C0140	GM	Base brake system pressure circuit open
C0141	GM	LH TCS solenoid/motor #1 circuit malfunction
C0142	GM	LH TCS solenoid/motor #1 circuit range/performance
C0143	GM	LH TCS solenoid/motor #1 circuit low
C0144	GM	LH TCS solenoid/motor #1 circuit high
C0145	GM	LH TCS solenoid/motor #1 circuit open
C0146	GM	LH TCS solenoid/motor #2 circuit malfunction
C0147	GM	LH TCS solenoid/motor #2 circuit range/performance
C0148	GM	LH TCS solenoid/motor #2 circuit low
C0149	GM	LH TCS solenoid/motor #2 circuit high
C0150	GM	LH TCS solenoid/motor #2 circuit open
C0151	GM	RH TCS solenoid/motor #1 circuit malfunction
C0152	GM	RH TCS solenoid/motor #1 circuit range/performance
C0153	GM	RH TCS solenoid/motor #1 circuit low
C0154	GM	RH TCS solenoid/motor #1 circuit high
C0155	GM	RH TCS solenoid/motor #1 circuit open
C0156	GM	RH TCS solenoid/motor #2 circuit malfunction
C0157	GM	RH TCS solenoid/motor #2 circuit range/performance
C0158	GM	RH TCS solenoid/motor #2 circuit low
C0159	GM	RH TCS solenoid/motor #2 circuit high
C0160	GM	RH TCS solenoid/motor #2 circuit open
C0161	GM	ABS/TCS brake switch circuit malfunction
C0162	GM	ABS/TCS brake switch circuit range/performance
C0163	GM	ABS/TCS brake switch circuit low
C0164	GM	ABS/TCS brake switch circuit high
C0165	GM	ABS/TCS brake switch circuit open
C0166	GM	TCS priming line valve circuit malfunction
C0167	GM	TCS priming line valve circuit range/performance
C0168	GM	TCS priming line valve circuit low
C0169	GM	TCS priming line valve circuit high
C0170	GM	TCS priming line valve circuit open
C0171	GM	TCS pilot valve circuit malfunction
C0172	GM	TCS pilot valve circuit range/performance
C0173	GM	TCS pilot valve circuit low
C0174	GM	TCS pilot valve circuit high
C0175	GM	TCS pilot valve circuit open
C0176	GM	System thermal malfunction
C0177	GM	System thermal range/performance
C0178	GM	System thermal low
C0179	GM	System thermal high
C0180	GM	System thermal open
C0181	GM	Throttle reduction motor circuit malfunction
C0182	GM	Throttle reduction motor circuit range/performance
C0183	GM	Throttle reduction motor circuit low
C0184	GM	Throttle reduction motor circuit high
C0185	GM	Throttle reduction motor circuit open
C0186	GM	Lateral accelerometer circuit malfunction
C0187	GM	Lateral accelerometer circuit range/performance
C0188	GM	Lateral accelerometer circuit low
C0189	GM	Lateral accelerometer circuit high
C0190	GM	Lateral accelerometer circuit open
C0191	GM	4wd/AWD reference accelerometer circuit malfunction
C0192	GM	4wd/AWD reference accelerometer circuit range/performance
C0193	GM	4wd/AWD reference accelerometer circuit low
C0194	GM	4wd/AWD reference accelerometer circuit high
C0195	GM	4wd/AWD reference accelerometer circuit open
C0196	GM	Yaw rate circuit malfunction
C0197	GM	Yaw rate circuit range/performance
C0198	GM	Yaw rate circuit low
C0199	GM	Yaw rate circuit high
C0200	GM	Yaw rate circuit open
C0201	GM	ABS enable relay contact circuit malfunction
C0202	GM	ABS enable relay contact circuit range/performance
C0203	GM	ABS enable relay contact circuit low
C0204	GM	ABS enable relay contact circuit high
C0205	GM	ABS enable relay contact circuit open
C0206	GM	ABS enable relay coil circuit malfunction
C0207	GM	ABS enable relay coil circuit range/performance
C0208	GM	ABS enable relay coil circuit low
C0209	GM	ABS enable relay coil circuit high
C0210	GM	ABS enable relay coil circuit open
C0211	GM	LF ESB malfunction
C0212	GM	LF ESB will not hold motor
C0213	GM	RF ESB malfunction
C0214	GM	RF ESB will not hold motor
C0215	GM	Rear ESB (both wheels) malfunction
C0216	GM	Rear ESB (both wheels) will not hold motor

C0217	GM	LF ABS channel will not move
C0218	GM	RF ABS channel will not move
C0219	GM	Rear ABS channel will not move
C0220	GM	LF ABS channel in release too long
C0221	GM	RF ABS channel in release too long
C0222	GM	Rear ABS channel in release too long
C0223	GM	LF ABS channel motor free spins
C0224	GM	RF ABS channel motor free spins
C0225	GM	Rear ABS channel motor free spins
C0226	GM	LF TCS channel will not move
C0227	GM	RF TCS channel will not move
C0228	GM	LR ABS channel in release too long
C0229	GM	RR ABS channel in release too long
C0230	GM	LF TCS channel motor free spins
C0231	GM	RF TCS channel motor free spins
C0232	GM	EBCM turned on red brake warning lamp
C0233	GM	Open brake switch contacts during deceleration
C0234	GM	Open brake switch contacts when ABS was required
C0235	GM	C0233 or C0234 set in previous or current ignition cycle
C0236	GM	TCS RPM signal circuit malfunction
C0237	GM	TCS throttle position signal malfunction
C0238	GM	TCS throttle position sensor comparison malfunction
C0239	GM	TCS spark retard monitoring malfunction
C0240	GM	PCM traction control not allowed
C0241	GM	PCM indicated requested torque malfunction
C0242	GM	PCM indicated TCS malfunction
C0243	GM	Engine drag control malfunction
C0244	GM	PWM delivered torque malfunction
C0245	GM	Wheel speed sensor frequency error
C0246	GM	Simultaneous dropout of both front wheel speed sensors
C0247	GM	MSVA1 actuator fault (ohmic)
C0248	GM	MSVA1 actuator fault (command vs. feedback current)
C0249	GM	Left normal force fault
C0250	GM	Right normal force fault
C0251	GM	RTD indicated fault
C0252	GM	ABC sensors uncorrelated
C0253	GM	Centering fault
C0254	GM	Steering sensor/lateral accelerometer bias fault
C0255	GM	TCM to ABS/TC PWM signal malfunction
C0256	GM	Valve relay contact circuit malfunction
C0257	GM	Valve relay contact circuit range/performance
C0258	GM	Valve relay contact circuit low
C0259	GM	Valve relay contact circuit high
C0260	GM	Valve relay contact circuit open
C0261	GM	Valve relay coil circuit malfunction
C0262	GM	Valve relay coil circuit range/performance
C0263	GM	Valve relay coil circuit low
C0264	GM	Valve relay coil circuit high
C0265	GM	Valve relay coil circuit open
C0266	GM	Throttle reduction motor controller malfunction
C0267	GM	Low brake fluid indicated
C0268	GM	Class 2 data error reported
C0269	GM	Class 2 data invalid
C0300	GM	Rear propshaft signal circuit malfunction
C0301	GM	Rear propshaft signal circuit range/performance
C0302	GM	Rear propshaft signal circuit low
C0303	GM	Rear propshaft signal circuit high
C0304	GM	Rear propshaft signal circuit open
C0305	GM	Front propshaft speed sensor/system malfunction
C0306	GM	Motor A/B circuit malfunction
C0307	GM	Motor A/B circuit range/performance
C0308	GM	Motor A/B circuit low
C0309	GM	Motor A/B circuit high
C0310	GM	Motor A/B circuit open
C0311	GM	Motor ground circuit malfunction
C0312	GM	Motor ground circuit range/performance
C0313	GM	Motor ground circuit low
C0314	GM	Motor ground circuit high
C0315	GM	Motor ground circuit open
C0316	GM	Motor circuit malfunction
C0317	GM	Motor circuit range/performance
C0318	GM	Motor circuit low
C0319	GM	Motor circuit high
C0320	GM	Motor circuit open
C0321	GM	Transfer case lock circuit malfunction
C0322	GM	Transfer case lock circuit range/performance
C0323	GM	Transfer case lock circuit low
C0324	GM	Transfer case lock circuit high

C0325	GM	Transfer case lock circuit open
C0326	GM	Transfer case lock system malfunction
C0327	GM	Encoder circuit malfunction
C0328	GM	Encoder circuit range/performance
C0329	GM	Encoder circuit low
C0330	GM	Encoder circuit high
C0331	GM	Encoder circuit open
C0332	GM	Encoder power circuit low
C0333	GM	Encoder ground circuit high
C0334	GM	Encoder channel P input circuit malfunction
C0335	GM	Encoder channel P input circuit range/performance
C0336	GM	Encoder channel P input circuit low
C0337	GM	Encoder channel P input circuit high
C0338	GM	Encoder channel P input circuit open
C0339	GM	Encoder channel C input circuit malfunction
C0340	GM	Encoder channel C input circuit range/performance
C0341	GM	Encoder channel C input circuit low
C0342	GM	Encoder channel C input circuit high
C0343	GM	Encoder channel C input circuit open
C0344	GM	Encoder channel B input circuit malfunction
C0345	GM	Encoder channel B input circuit range/performance
C0346	GM	Encoder channel B input circuit low
C0347	GM	Encoder channel B input circuit high
C0348	GM	Encoder channel B input circuit open
C0349	GM	Encoder channel A input circuit malfunction
C0350	GM	Encoder channel A input circuit range/performance
C0351	GM	Encoder channel A input circuit low
C0352	GM	Encoder channel A input circuit high
C0353	GM	Encoder channel A input circuit open
C0354	GM	Park switch circuit malfunction
C0355	GM	Park switch circuit range/performance
C0356	GM	Park switch circuit low
C0357	GM	Park switch circuit high
C0358	GM	Park switch circuit open
C0359	GM	4LO discrete output circuit malfunction
C0360	GM	4LO discrete output circuit range/performance
C0361	GM	4LO discrete output circuit low
C0362	GM	4LO discrete output circuit high
C0363	GM	4LO discrete output circuit open
C0364	GM	Front axle control circuit malfunction
C0365	GM	Front axle control circuit range/performance
C0366	GM	Front axle control circuit low
C0367	GM	Front axle control circuit high
C0368	GM	Front axle control circuit open
C0369	GM	ATC relay circuit malfunction
C0370	GM	ATC relay circuit range/performance
C0371	GM	ATC relay circuit low
C0372	GM	ATC relay circuit high
C0373	GM	ATC relay circuit open
C0374	GM	General system malfunction
C0375	GM	Intermittent system malfunction
C0376	GM	Front/Rear propshaft speed mismatch detected
C0377	GM	Front/Rear propshaft speed mismatch intermittent
C0378	GM	Front axle switch circuit malfunction
C0379	GM	Front axle system malfunction
C0380	GM	Mode switch power circuit low
C0381	GM	Motor system malfunction
C0382	GM	4LO discrete input circuit malfunction
C0383	GM	4LO discrete input circuit range/performance
C0384	GM	4LO discrete input circuit low
C0385	GM	4LO discrete input circuit high
C0386	GM	4LO discrete input circuit open
C0387	GM	Unable to complete shift
C0450	GM	Steering assist control solenoid/motor/actuator circuit malfunction
C0451	GM	Steering assist control solenoid/motor/actuator circuit range/performance
C0452	GM	Steering assist control solenoid/motor/actuator circuit low
C0453	GM	Steering assist control solenoid/motor/actuator circuit high
C0454	GM	Steering assist control solenoid/motor/actuator circuit open
C0455	GM	Steering position sensor circuit malfunction
C0456	GM	Steering position sensor circuit range/performance
C0457	GM	Steering position sensor circuit low
C0458	GM	Steering position sensor circuit high
C0459	GM	Steering position sensor circuit open
C0460	GM	Steering position sensor malfunction
C0461	GM	Steering position sensor range/performance
C0462	GM	Steering position sensor low
C0463	GM	Steering position sensor high
C0464	GM	Steering position sensor open

C0465	GM	Steering rate of change sensor circuit malfunction
C0466	GM	Steering rate of change sensor circuit range/performance
C0467	GM	Steering rate of change sensor circuit low
C0468	GM	Steering rate of change sensor circuit high
C0469	GM	Steering rate of change sensor circuit open
C0470	GM	Steering position & rate of change sensor circuit #1 malfunction
C0471	GM	Steering position & rate of change sensor circuit #1 range/performance
C0472	GM	Steering position & rate of change sensor circuit #1 low
C0473	GM	Steering position & rate of change sensor circuit #1 high
C0474	GM	Steering position & rate of change sensor circuit #1 open
C0475	GM	Electric steering motor circuit malfunction
C0476	GM	Electric steering motor circuit range/performance
C0477	GM	Electric steering motor circuit low
C0478	GM	Electric steering motor circuit high
C0479	GM	Electric steering motor circuit open
C0480	GM	Electric hydraulic steering motor circuit malfunction
C0481	GM	Electric hydraulic steering motor circuit range/performance
C0482	GM	Electric hydraulic steering motor circuit low
C0483	GM	Electric hydraulic steering motor circuit high
C0484	GM	Electric hydraulic steering motor circuit open
C0485	GM	Electric hydraulic steering temperature sensor circuit malfunction
C0486	GM	Electric hydraulic steering temperature sensor circuit range/performance
C0487	GM	Electric hydraulic steering temperature sensor circuit low
C0488	GM	Electric hydraulic steering temperature sensor circuit high
C0489	GM	Electric hydraulic steering temperature sensor circuit open
C0490	GM	Steering column lock solenoid circuit malfunction
C0491	GM	Steering column lock solenoid circuit range/performance
C0492	GM	Steering column lock solenoid circuit low
C0493	GM	Steering column lock solenoid circuit high
C0494	GM	Steering column lock solenoid circuit open
C0495	GM	EVO tracking error
C0496	GM	Steering assist control solenoid/motor/actuator feed circuit malfunction
C0497	GM	Steering assist control solenoid/motor/actuator feed circuit range/performance
C0498	GM	Steering assist control solenoid/motor/actuator feed circuit low
C0499	GM	Steering assist control solenoid/motor/actuator feed circuit high
C0500	GM	Steering assist control solenoid/motor/actuator feed circuit open
C0501	GM	Steering assist control solenoid/motor/actuator return circuit malfunction
C0502	GM	Steering assist control solenoid/motor/actuator return circuit range/performance
C0503	GM	Steering assist control solenoid/motor/actuator return circuit low
C0504	GM	Steering assist control solenoid/motor/actuator return circuit high
C0505	GM	Steering assist control solenoid/motor/actuator return circuit open
C0506	GM	Steering position & rate of change sensor circuit #2 malfunction
C0507	GM	Steering position & rate of change sensor circuit #2 range/performance
C0508	GM	Steering position & rate of change sensor circuit #2 low
C0509	GM	Steering position & rate of change sensor circuit #2 high
C0510	GM	Steering position & rate of change sensor circuit #2 open
C0511	GM	Steering position & rate of change sensor output circuit #1 malfunction
C0512	GM	Steering position & rate of change sensor output circuit #1 range/performance
C0513	GM	Steering position & rate of change sensor output circuit #1 low
C0514	GM	Steering position & rate of change sensor output circuit #1 high
C0515	GM	Steering position & rate of change sensor output circuit #1 open
C0516	GM	Steering position & rate of change sensor output circuit #2 malfunction
C0517	GM	Steering position & rate of change sensor output circuit #2 range/performance
C0518	GM	Steering position & rate of change sensor output circuit #2 low
C0519	GM	Steering position & rate of change sensor output circuit #2 high
C0520	GM	Steering position & rate of change sensor output circuit #2 open
C0521	GM	Steering position & rate of change sensors uncorrelated
C0550	GM	ECU malfunction
C0551	GM	Option configuration error
C0552	GM	Improper shutdown
C0554	GM	KAM reset
C0563	GM	Calibration ROM checksum error
C0564	GM	Program ROM checksum error
C0565	GM	VIN information error
C0575	GM	LF solenoid/motor/actuator circuit malfunction
C0576	GM	LF solenoid/motor/actuator circuit range/performance
C0577	GM	LF solenoid/motor/actuator circuit low
C0578	GM	LF solenoid/motor/actuator circuit high
C0579	GM	LF solenoid/motor/actuator circuit open
C0580	GM	RF solenoid/motor/actuator circuit malfunction
C0581	GM	RF solenoid/motor/actuator circuit range/performance
C0582	GM	RF solenoid/motor/actuator circuit low
C0583	GM	RF solenoid/motor/actuator circuit high
C0584	GM	RF solenoid/motor/actuator circuit open
C0585	GM	LR solenoid/motor/actuator circuit malfunction
C0586	GM	LR solenoid/motor/actuator circuit range/performance
C0587	GM	LR solenoid/motor/actuator circuit low
C0588	GM	LR solenoid/motor/actuator circuit high

C0589	GM	LR solenoid/motor/actuator circuit open
C0590	GM	RR solenoid/motor/actuator circuit malfunction
C0591	GM	RR solenoid/motor/actuator circuit range/performance
C0592	GM	RR solenoid/motor/actuator circuit low
C0593	GM	RR solenoid/motor/actuator circuit high
C0594	GM	RR solenoid/motor/actuator circuit open
C0595	GM	LF accelerometer circuit malfunction
C0596	GM	LF accelerometer circuit range/performance
C0597	GM	LF accelerometer circuit low
C0598	GM	LF accelerometer circuit high
C0599	GM	LF accelerometer circuit open
C0600	GM	RF accelerometer circuit malfunction
C0601	GM	RF accelerometer circuit range/performance
C0602	GM	RF accelerometer circuit low
C0603	GM	RF accelerometer circuit high
C0604	GM	RF accelerometer circuit open
C0605	GM	LR accelerometer circuit malfunction
C0606	GM	LR accelerometer circuit range/performance
C0607	GM	LR accelerometer circuit low
C0608	GM	LR accelerometer circuit high
C0609	GM	LR accelerometer circuit open
C0610	GM	RR accelerometer circuit malfunction
C0611	GM	RR accelerometer circuit range/performance
C0612	GM	RR accelerometer circuit low
C0613	GM	RR accelerometer circuit high
C0614	GM	RR accelerometer circuit open
C0615	GM	LF position sensor circuit malfunction
C0616	GM	LF position sensor circuit range/performance
C0617	GM	LF position sensor circuit low
C0618	GM	LF position sensor circuit high
C0619	GM	LF position sensor circuit open
C0620	GM	RF position sensor circuit malfunction
C0621	GM	RF position sensor circuit range/performance
C0622	GM	RF position sensor circuit low
C0623	GM	RF position sensor circuit high
C0624	GM	RF position sensor circuit open
C0625	GM	LR position sensor circuit malfunction
C0626	GM	LR position sensor circuit range/performance
C0627	GM	LR position sensor circuit low
C0628	GM	LR position sensor circuit high
C0629	GM	LR position sensor circuit open
C0630	GM	RR position sensor circuit malfunction
C0631	GM	RR position sensor circuit range/performance
C0632	GM	RR position sensor circuit low
C0633	GM	RR position sensor circuit high
C0634	GM	RR position sensor circuit open
C0635	GM	LF normal force circuit malfunction
C0636	GM	LF normal force circuit range/performance
C0637	GM	LF normal force circuit low
C0638	GM	LF normal force circuit high
C0639	GM	LF normal force circuit open
C0640	GM	RF normal force circuit malfunction
C0641	GM	RF normal force circuit range/performance
C0642	GM	RF normal force circuit low
C0643	GM	RF normal force circuit high
C0644	GM	RF normal force circuit open
C0645	GM	LR normal force circuit malfunction
C0646	GM	LR normal force circuit range/performance
C0647	GM	LR normal force circuit low
C0648	GM	LR normal force circuit high
C0649	GM	LR normal force circuit open
C0650	GM	RR normal force circuit malfunction
C0651	GM	RR normal force circuit range/performance
C0652	GM	RR normal force circuit low
C0653	GM	RR normal force circuit high
C0654	GM	RR normal force circuit open
C0655	GM	Level control compressor circuit malfunction
C0656	GM	Level control compressor circuit range/performance
C0657	GM	Level control compressor circuit low
C0658	GM	Level control compressor circuit high
C0659	GM	Level control compressor circuit open
C0660	GM	Level control exhaust valve circuit malfunction
C0661	GM	Level control exhaust valve circuit range/performance
C0662	GM	Level control exhaust valve circuit low
C0663	GM	Level control exhaust valve circuit high
C0664	GM	Level control exhaust valve circuit open
C0665	GM	Lift/dive signal circuit malfunction
C0666	GM	Lift/dive signal circuit range/performance

C0667	GM	Lift/dive signal circuit low
C0668	GM	Lift/dive signal circuit high
C0669	GM	Lift/dive signal circuit open
C0670	GM	LF combination accel/position sensor circuit malfunction
C0671	GM	LF combination accel/position sensor circuit range/performance
C0672	GM	LF combination accel/position sensor circuit low
C0673	GM	LF combination accel/position sensor circuit high
C0674	GM	LF combination accel/position sensor circuit open
C0675	GM	RF combination accel/position sensor circuit malfunction
C0676	GM	RF combination accel/position sensor circuit range/performance
C0677	GM	RF combination accel/position sensor circuit low
C0678	GM	RF combination accel/position sensor circuit high
C0679	GM	RF combination accel/position sensor circuit open
C0680	GM	LR combination accel/position sensor circuit malfunction
C0681	GM	LR combination accel/position sensor circuit range/performance
C0682	GM	LR combination accel/position sensor circuit low
C0683	GM	LR combination accel/position sensor circuit high
C0684	GM	LR combination accel/position sensor circuit open
C0685	GM	RR combination accel/position sensor circuit malfunction
C0686	GM	RR combination accel/position sensor circuit range/performance
C0687	GM	RR combination accel/position sensor circuit low
C0688	GM	RR combination accel/position sensor circuit high
C0689	GM	RR combination accel/position sensor circuit open
C0690	GM	Damper control relay circuit malfunction
C0691	GM	Damper control relay circuit range/performance
C0692	GM	Damper control relay circuit low
C0693	GM	Damper control relay circuit high
C0694	GM	Damper control relay circuit open
C0695	GM	Position sensor overcurrent (8 volt supply)
C0696	GM	Position sensor overcurrent (5 volt supply)
C0697	GM	Level control accessory inflator switch circuit malfunction
C0698	GM	Level control accessory inflator switch circuit range/performance
C0699	GM	Level control accessory inflator switch circuit low
C0700	GM	Level control accessory inflator switch circuit high
C0701	GM	Level control accessory inflator switch circuit open
C0702	GM	Level control accessory valve circuit malfunction
C0703	GM	Level control accessory valve circuit range/performance
C0704	GM	Level control accessory valve circuit low
C0705	GM	Level control accessory valve circuit high
C0706	GM	Level control accessory valve circuit open
C0707	GM	Excessive compressor activity
C0708	GM	Excessive compressor exhaust valve activity
C0709	GM	Excessive compressor activity, vehicle moving
C0710	GM	Steering position signal malfunction
C0711	GM	Level control air pressure sensor circuit malfunction
C0750	GM	LF low tire pressure sensor malfunction
C0751	GM	LF low tire pressure sensor range/performance
C0752	GM	LF low tire pressure sensor low
C0753	GM	LF low tire pressure sensor high
C0754	GM	LF low tire pressure sensor circuit open
C0755	GM	RF low tire pressure sensor malfunction
C0756	GM	RF low tire pressure sensor range/performance
C0757	GM	RF low tire pressure sensor low
C0758	GM	RF low tire pressure sensor high
C0759	GM	RF low tire pressure sensor circuit open
C0760	GM	LR low tire pressure sensor malfunction
C0761	GM	LR low tire pressure sensor range/performance
C0762	GM	LR low tire pressure sensor low
C0763	GM	LR low tire pressure sensor high
C0764	GM	LR low tire pressure sensor circuit open
C0765	GM	RR low tire pressure sensor malfunction
C0766	GM	RR low tire pressure sensor range/performance
C0767	GM	RR low tire pressure sensor low
C0768	GM	RR low tire pressure sensor high
C0769	GM	RR low tire pressure sensor circuit open
C0770	GM	LF tire pressure low
C0771	GM	RF tire pressure low
C0772	GM	LR tire pressure low
C0773	GM	RR tire pressure low
C0774	GM	Low tire pressure system malfunction
C0775	GM	Low tire pressure system sensors not programmed
C0776	GM	Low tire pressure system transmitter synchronization failure
C0777	GM	Low tire pressure system transmitter ID invalid
C0778	GM	TIM switch circuit malfunction
C0779	GM	TIM signal fault
C0800	GM	Device power #1 (low current #1) circuit malfunction
C0801	GM	Device power #1 (low current #1) circuit range/performance
C0802	GM	Device power #1 (low current #1) circuit low

C0803	GM	Device power #1 (low current #1) circuit high
C0804	GM	Device power #1 (low current #1) circuit open
C0805	GM	Device power #2 (low current #2) circuit malfunction
C0806	GM	Device power #2 (low current #2) circuit range/performance
C0807	GM	Device power #2 (low current #2) circuit low
C0808	GM	Device power #2 (low current #2) circuit high
C0809	GM	Device power #2 (low current #2) circuit open
C0810	GM	Device power #3 (high current #1) circuit malfunction
C0811	GM	Device power #3 (high current #1) circuit range/performance
C0812	GM	Device power #3 (high current #1) circuit low
C0813	GM	Device power #3 (high current #1) circuit high
C0814	GM	Device power #3 (high current #1) circuit open
C0815	GM	Device power #4 (high current #2) circuit malfunction
C0816	GM	Device power #4 (high current #2) circuit range/performance
C0817	GM	Device power #4 (high current #2) circuit low
C0818	GM	Device power #4 (high current #2) circuit high
C0819	GM	Device power #4 (high current #2) circuit open
C0820	GM	Device ground #1 (chassis gnd #1) circuit malfunction
C0821	GM	Device ground #1 (chassis gnd #1) circuit range/performance
C0822	GM	Device ground #1 (chassis gnd #1) circuit low
C0823	GM	Device ground #1 (chassis gnd #1) circuit high
C0824	GM	Device ground #1 (chassis gnd #1) circuit open
C0825	GM	Device ground #2 (chassis gnd #2) circuit malfunction
C0826	GM	Device ground #2 (chassis gnd #2) circuit range/performance
C0827	GM	Device ground #2 (chassis gnd #2) circuit low
C0828	GM	Device ground #2 (chassis gnd #2) circuit high
C0829	GM	Device ground #2 (chassis gnd #2) circuit open
C0830	GM	Device ground #3 (signal gnd #1) circuit malfunction
C0831	GM	Device ground #3 (signal gnd #1) circuit range/performance
C0832	GM	Device ground #3 (signal gnd #1) circuit low
C0833	GM	Device ground #3 (signal gnd #1) circuit high
C0834	GM	Device ground #3 (signal gnd #1) circuit open
C0835	GM	Device ground #4 (signal gnd #2) circuit malfunction
C0836	GM	Device ground #4 (signal gnd #2) circuit range/performance
C0837	GM	Device ground #4 (signal gnd #2) circuit low
C0838	GM	Device ground #4 (signal gnd #2) circuit high
C0839	GM	Device ground #4 (signal gnd #2) circuit open
C0840	GM	Device ignition 0 (UNLOCK/ON/START) circuit malfunction
C0841	GM	Device ignition 0 (UNLOCK/ON/START) circuit range/performance
C0842	GM	Device ignition 0 (UNLOCK/ON/START) circuit low
C0843	GM	Device ignition 0 (UNLOCK/ON/START) circuit high
C0844	GM	Device ignition 0 (UNLOCK/ON/START) circuit open
C0845	GM	Device ignition 1 (ON/START) circuit malfunction
C0846	GM	Device ignition 1 (ON/START) circuit range/performance
C0847	GM	Device ignition 1 (ON/START) circuit low
C0848	GM	Device ignition 1 (ON/START) circuit high
C0849	GM	Device ignition 1 (ON/START) circuit open
C0850	GM	Device ignition 3 (ON) circuit malfunction
C0851	GM	Device ignition 3 (ON) circuit range/performance
C0852	GM	Device ignition 3 (ON) circuit low
C0853	GM	Device ignition 3 (ON) circuit high
C0854	GM	Device ignition 3 (ON) circuit open
C0855	GM	Device ignition ACC circuit malfunction
C0856	GM	Device ignition ACC circuit range/performance
C0857	GM	Device ignition ACC circuit low
C0858	GM	Device ignition ACC circuit high
C0859	GM	Device ignition ACC circuit open
C0860	GM	Device ignition START circuit malfunction
C0861	GM	Device ignition START circuit range/performance
C0862	GM	Device ignition START circuit low
C0863	GM	Device ignition START circuit high
C0864	GM	Device ignition START circuit open
C0865	GM	Device voltage reference input #1 circuit malfunction
C0866	GM	Device voltage reference input #1 circuit range/performance
C0867	GM	Device voltage reference input #1 circuit low
C0868	GM	Device voltage reference input #1 circuit high
C0869	GM	Device voltage reference input #1 circuit open
C0870	GM	Device voltage reference output #1 circuit malfunction
C0871	GM	Device voltage reference output #1 circuit range/performance
C0872	GM	Device voltage reference output #1 circuit low
C0873	GM	Device voltage reference output #1 circuit high
C0874	GM	Device voltage reference output #1 circuit open
C0875	GM	Device voltage reference input #2 circuit malfunction
C0876	GM	Device voltage reference input #2 circuit range/performance
C0877	GM	Device voltage reference input #2 circuit low
C0878	GM	Device voltage reference input #2 circuit high
C0879	GM	Device voltage reference input #2 circuit open
C0880	GM	Device voltage reference output #2 circuit malfunction

C0881	GM	Device voltage reference output #2 circuit range/performance
C0882	GM	Device voltage reference output #2 circuit low
C0883	GM	Device voltage reference output #2 circuit high
C0884	GM	Device voltage reference output #2 circuit open
C0885	GM	Device voltage reference input #3 circuit malfunction
C0886	GM	Device voltage reference input #3 circuit range/performance
C0887	GM	Device voltage reference input #3 circuit low
C0888	GM	Device voltage reference input #3 circuit high
C0889	GM	Device voltage reference input #3 circuit open
C0890	GM	Device voltage reference output #3 circuit malfunction
C0891	GM	Device voltage reference output #3 circuit range/performance
C0892	GM	Device voltage reference output #3 circuit low
C0893	GM	Device voltage reference output #3 circuit high
C0894	GM	Device voltage reference output #3 circuit open
C0895	GM	Device voltage malfunction
C0896	GM	Device voltage range/performance
C0897	GM	Device power moding malfunction
C0898	GM	Device power and/or ground circuit malfunction
C0899	GM	Device #1 voltage low
C0900	GM	Device #1 voltage high
C0901	GM	Device #2 voltage low
C0902	GM	Device #2 voltage high
C0903	GM	Ignition-switched power relay #1 circuit malfunction
C0904	GM	Ignition-switched power relay #1 circuit range/performance
C0905	GM	Ignition-switched power relay #1 circuit low
C0906	GM	Ignition-switched power relay #1 circuit high
C0907	GM	Ignition-switched power relay #1 circuit open
C0908	GM	Ignition-switched power relay #2 circuit malfunction
C0909	GM	Ignition-switched power relay #2 circuit range/performance
C0910	GM	Ignition-switched power relay #2 circuit low
C0911	GM	Ignition-switched power relay #2 circuit high
C0912	GM	Ignition-switched power relay #2 circuit open
C0913	GM	Intermittent device voltage range/performance
P1110	GM	Engine High Intake Air Temperature Condition
P1127	GM	Open Loop CO Adjust Circuit
P1142	GM	Oxygen Sensor Circuit - Mean Voltage Level Rich (Bank 1 - Sensor 2)
P1166	GM	Oxygen Sensor System - Low Voltage During Power Enrichment (Bank 1 - Sensor 1)
P1167	GM	Oxygen Sensor System - High Voltage During Decel Fuel Cut Off (Bank 1 - Sensor 1)
P1168	GM	Oxygen Sensor System - Low Voltage During Power Enrichment (Bank 2 - Sensor 1)
P1169	GM	Oxygen Sensor System - High Voltage During Decel Fuel Cut Off (Bank 2 - Sensor 1)
P1173	GM	Limitation of Injection Quantity
P1180	GM	Engine High Fuel Temperature Condition
P1195	GM	Engine Low Oil Pressure Condition
P1246	GM	Intake Resonance Switchover Valve Circuit
P1279	GM	Accelerator Pedal Position Sensor 1 Circuit Intermittent
P1284	GM	Accelerator Pedal Position Sensor 2 Circuit Intermittent
P1289	GM	Accelerator Pedal Position Sensor 3 Circuit Intermittent
P1311	GM	Ignition Coil "A" Primary/Secondary Circuit
P1312	GM	Ignition Coil "B" Primary/Secondary Circuit
P1313	GM	Ignition Coil "C" Primary/Secondary Circuit
P1314	GM	Ignition Coil "D" Primary/Secondary Circuit
P1316	GM	Ignition Coil "F" Primary/Secondary Circuit
P1317	GM	Ignition Coil "G" Primary/Secondary Circuit
P1318	GM	Ignition Coil "H" Primary/Secondary Circuit
P1326	GM	Combustion Quality Circuit
P1340	GM	Ignition System Cylinder Identifier
P1382	GM	ABS Control Module Performance (Used for 1997 Model Year only)
P1422	GM	Intake Air High Pressure Switch Circuit Low Voltage
P1443	GM	Evaporative Emission Control System Purge Control Valve 2 Circuit
P1445	GM	Fuel Heated Catalyst System Bank 1
P1452	GM	Catalyst Heater Diagnostic
P1453	GM	Catalyst Heater Diagnostic
P1454	GM	Catalyst Heater Diagnostic
P1455	GM	Catalyst Heater Diagnostic
P1456	GM	Catalyst Heater Diagnostic
P1457	GM	Catalyst Heater Diagnostic
P1458	GM	Catalyst Heater Diagnostic
P1459	GM	Catalyst Heater Diagnostic
P1506	GM	Starter Relay Circuit Low
P1507	GM	Starter Relay Circuit High
P1512	GM	Throttle Control System - Minimum Throttle Position
P1513	GM	EBTCM to PCM Drag Reduction Request Input Circuit
P1549	GM	A/C "Mode" Circuit High
P1618	GM	Serial Peripheral Interface (SPI) PCM Internal Communication Error
P1648	GM	Anti-Theft Device - Wrong Security Code
P1649	GM	Anti-Theft Device - No Key/Security Code Programmed
P1659	GM	Engine Over speed Lamp Control Circuit
P1697	GM	PZM Disabled Fuel

P1698	GM	Class II Down Disabled Fuel
P1699	GM	In Fail Enable Mode
P1702	GM	Pressure Switch "C" Stuck Open / Performance
P1703	GM	Pressure Switch "C" Circuit Low / Stuck Closed
P1704	GM	Pressure Switch "C" Circuit High
P1706	GM	Pressure Switch "D" Stuck Open / Performance
P1707	GM	Pressure Switch "D" Circuit Low / Stuck Closed
P1708	GM	Pressure Switch "D" Circuit High
P1709	GM	Pressure Switch "E" Circuit
P1710	GM	Pressure Switch "E" Stuck Open / Performance
P1711	GM	Pressure Switch "E" Circuit Low / Stuck Closed
P1712	GM	Pressure Switch "E" Circuit High
P1713	GM	Pressure Switch "Reverse" Circuit
P1714	GM	Pressure Switch "Reverse" Stuck Open / Performance
P1715	GM	Pressure Switch "Reverse" Circuit Low / Stuck Closed
P1716	GM	Pressure Switch "Reverse" Circuit High
P1717	GM	Incorrect 6th Gear Ratio
P1718	GM	Incorrect Neutral Gear Ratio
P1720	GM	Solenoid "A" Controlled Clutch Not Engaged
P1721	GM	Solenoid "B" Controlled Clutch Not Engaged
P1722	GM	Manual Selector Valve Controlled Clutch Not Engaged
P1723	GM	Solenoid "A" Controlled Clutch Engaged
P1724	GM	Solenoid "B" Controlled Clutch Engaged
P1725	GM	Manual Selector Valve Controlled Clutch Not Engaged
P1730	GM	Retarder Circuit
P1731	GM	Retarder Circuit Low
P1732	GM	Retarder Circuit High
P1733	GM	Retarder Temperature Sensor Low
P1734	GM	Retarder Temperature Sensor High
P1735	GM	Retarder Over Temperature
P1736	GM	Service Brake Input "ON" With VSS Indicated
P1737	GM	Kick Down Circuit
P1741	GM	NSBU Mode "A" Circuit Low
P1742	GM	NSBU Mode "A" Circuit High
P1744	GM	NSBU Mode "B" Circuit Low
P1745	GM	NSBU Mode "B" Circuit High
P1746	GM	NSBU Mode "P" Circuit
P1747	GM	NSBU Mode "P" Circuit Low
P1748	GM	NSBU Mode "P" Circuit High
P1749	GM	NSBU Park/Neutral Switch Compare
P1782	GM	MIL Requested By TCM - Data Invalid
P1785	GM	Shift Lock Solenoid Circuit - Low Voltage
P1786	GM	Shift Lock Solenoid Circuit - High Voltage
P1821	GM	Internal Mode Switch Mode "B" Circuit Low
P1824	GM	Internal Mode Switch Mode "P" Circuit High Voltage
P1827	GM	Serial Communication - DKP Short to Ground
P1828	GM	Serial Communication - DKP Shorted High
P1829	GM	Serial Communication - TI Signal Line Open
P1846	GM	2-3 Shift Solenoid Circuit - Low Voltage
P1857	GM	3-2 Solenoid Circuit Low Voltage
P1858	GM	3-2 Solenoid Circuit High Voltage
P1862	GM	TCC Enable Solenoid Circuit Low Voltage
P1863	GM	TCC Enable Solenoid Circuit High Voltage
P1896	GM	Transmission Downshift Switch Circuit
P1897	GM	Transmission Upshift Switch Circuit
P1898	GM	Manual Shift Mode Switch Circuit
U1061	GM	Lost communications with Suspension Control System
U1063	GM	Lost communications with Suspension Control System
U1070	GM	Lost communications with Body Multiple Control System
U1302	GM	Programming request not received
U1303	GM	Programming mode active message not received
U1400	GM	AD Link Malfunction
U1401	GM	Lost communications between AD and ADG
U1601	GM	Restraint system dedicated bus #1 malfunction (Suppression system bus)
U1602	GM	Restraint system dedicated bus #2 malfunction (EFS system bus)
U1603	GM	Restraint system dedicated bus #3 malfunction (SDM #2 system bus)
U1650	GM	Chassis system dedicated bus controller malfunction
U1651	GM	Chassis system dedicated bus sensor #1 malfunction
U1652	GM	Chassis system dedicated bus sensor #2 malfunction
U2008	GM	General SPI malfunction
U2101	GM	Maximum list of control modules not programmed
U2109	GM	Lost communications with Powertrain Multiple Control System
U2110	GM	Lost communications with Chassis Multiple Control System
U2111	GM	Lost communications with Steering Control System
U2112	GM	Lost communications with Suspension Control System
U2113	GM	Lost communications with Restraints Control (SDM) System
U2114	GM	Lost communications with Restraints Control (PPS/CPS) System
U2115	GM	Lost communications with Restraints Control (TBD) System

U2116	GM	Lost communications with Driver Information & Displays Control (IPC) System
U2117	GM	Lost communications with Driver Information & Displays Control (DIC) System
U2118	GM	Lost communications with Driver Information & Displays Control (TBD) System
U2119	GM	Lost communications with Lighting Control (DRL) System
U2120	GM	Lost communications with Lighting Control (AHL) System
U2121	GM	Lost communications with Lighting Control (TBD) System
U2122	GM	Lost communications with Entertainment/Audio Control (Radio) System
U2123	GM	Lost communications with Entertainment/Audio Control (CDX) System
U2124	GM	Lost communications with Entertainment/Audio Control (TBD) System
U2125	GM	Lost communications with Mobile Communications Control (TBD) System
U2126	GM	Lost communications with Mobile Communications Control (TBD) System
U2127	GM	Lost communications with HVAC Control (front) System
U2128	GM	Lost communications with HVAC Control (rear) System
U2129	GM	Lost communications with Convenience Control (RFA) System
U2130	GM	Lost communications with Convenience Control (DDM) System
U2131	GM	Lost communications with Convenience Control (DSM) System
U2132	GM	Lost communications with Convenience Control (PDM) System
U2133	GM	Lost communications with Convenience Control (PSM) System
U2134	GM	Lost communications with Convenience Control (RDM) System
U2135	GM	Lost communications with Convenience Control (RIM) System
U2136	GM	Lost communications with Convenience Control (MMM) System
U2137	GM	Lost communications with Security Control (VTD) System
U2138	GM	Lost communications with Security Control (TBD) System
U2139	GM	Lost communications with Body Control (CIM) System
U2140	GM	Lost communications with Body Control (UEC) System
U2141	GM	Lost communications with Body Control (REC) System
U2142	GM	Lost communications with Chassis Control (YRS) System
U2143	GM	Lost communications with Steering Control (SAS) System
U2144	GM	Lost communications with Powertrain Control (ACC) System
U2145	GM	Lost communications with Convenience Control (PAS) System
U2152	GM	Navigation Bus Request Line Circuit Low
B1100	Subaru	System error in body integrated unit
B1101	Subaru	Battery power supply control circuit is open or shorted
B1102	Subaru	Battery power supply backup circuit is open or shorted
B1103	Subaru	IGN power supply circuit is open or shorted
B1104	Subaru	ACC power supply circuit is open or shorted
B1105	Subaru	Key interlock circuit abnormal
B1106	Subaru	Shift lock circuit is shorted to ground
B1107	Subaru	R Fog lamp circuit Failure
B1401	Subaru	Meter collation
B1402	Subaru	Immobilizer Key collation
B1403	Subaru	Communication failure between body integrated unit and ECM
B1404	Subaru	Smart registration failure
B1500	Subaru	KEYLESS UART COM. MALFUNCTION
B2100	Subaru	Push start SW signal abnormal
B2101	Subaru	Submerging circuit abnormal
B2102	Subaru	ACCR circuit abnormal
B2103	Subaru	STSW circuit abnormal
B2104	Subaru	ACC circuit abnormal
B2105	Subaru	IGN2 external circuit abnormal
B2106	Subaru	IGN1 external circuit abnormal
B2107	Subaru	IGN system fuse open or IGN circuit abnormal
B2110	Subaru	Key collation abnormal
B2111	Subaru	Steering lock unlock abnormal
B2112	Subaru	Local communication between collated ECMs is abnormal
B2113	Subaru	Driving possible signal abnormal
B2114	Subaru	Steering lock position signal abnormal
B2115	Subaru	Vehicle speed sensor abnormal detection
B2116	Subaru	Vehicle speed signal abnormal
B2117	Subaru	P signal abnormal
B2200	Subaru	Steering lock ECM no response
B2201	Subaru	Abnormal LIN communication
B2202	Subaru	Abnormal antenna coil
B2203	Subaru	Abnormal immobilizer power supply
B2204	Subaru	Abnormal steering lock power supply circuit (abnormality on the power supply ECM side)
B2205	Subaru	Abnormal steering lock ECM driver
B2206	Subaru	Remote control engine starter communication collation NG
B2207	Subaru	Abnormal remote control key input
B2215	Subaru	Abnormal ID code box (abnormal EEPROM)
B2216	Subaru	IGN1 abnormal input
B2217	Subaru	ID code box no response
B2000	Subaru	CAN-LS system communication suspension diagnosis (body integrated unit)
B2001	Subaru	CAN-LS BD_Wake CAN-LS discrepancy
B2002	Subaru	CAN-LS BD_Wake open or battery short
B2003	Subaru	SSP system communication bus GND short-circuit
B2004	Subaru	SSP system communication bus battery short-circuit
B2005	Subaru	SSP system communication suspension diagnosis (BF)
B2006	Subaru	SSP system communication suspension diagnosis (power supply ECM)

B2007	Subaru	SSP system communication suspension diagnosis (collation ECM)
B2017	Subaru	CAN-LS system communication suspension diagnosis (meter)
U1201	Subaru	CAN-HS COUNTER ABNORMAL
U1202	Subaru	CAN-HS BUS OFF
U1211	Subaru	CAN-HS ECM DATA ABNORMAL
U1212	Subaru	CAN-HS TCM DATA ABNORMAL
U1213	Subaru	CAN-HS VDC/ABS DATA ABNORMAL
U1217	Subaru	CAN-HS EPS data abnormal
U1221	Subaru	CAN-HS ECM NO-RECEIVE DATA
U1222	Subaru	CAN-HS TCM NO-RECEIVE DATA
U1223	Subaru	CAN-HS VDC/ABS NO-RECEIVE DATA
U1227	Subaru	CAN-HS EPS no-receive data
U1300	Subaru	CAN-LS MALFUNCTION
U1301	Subaru	CAN-LS COUNTER ABNORMAL
U1302	Subaru	CAN-LS BUS OFF
U1303	Subaru	Wake-up line abnormal
U1311	Subaru	CAN-LS METER UNIT DATA ABNORMAL
U1313	Subaru	CAN-LS MONITOR DATA ABNORMAL
U1321	Subaru	CAN-LS METER NO-RECEIVE DATA
U1327	Subaru	CAN-HS G/W no-receive data
C0021	Subaru	Front Right ABS Sensor Circuit Open or Shorted Battery
C0022	Subaru	Front Right ABS Sensor Signal
C0023	Subaru	Front Left ABS Sensor Circuit Open or Shorted Battery
C0024	Subaru	Front Left ABS Sensor Signal
C0025	Subaru	Rear Right ABS Sensor Circuit Open or Shorted Battery
C0026	Subaru	Rear Right ABS Sensor Signal
C0027	Subaru	Rear Left ABS Sensor Circuit Open or Shorted Battery
C0028	Subaru	Rear Left ABS Sensor Signal
C0029	Subaru	Any One of Four ABS Sensors Signal
C0031	Subaru	FRONT INLET SOLENOID VALVE RH MALFUNCTION IN VDCCM&H/U
C0032	Subaru	FRONT OUTLET SOLENOID VALVE RH MALFUNCTION IN VDCCM&H/U
C0033	Subaru	FRONT INLET SOLENOID VALVE LH MALFUNCTION IN VDCCM&H/U
C0034	Subaru	FRONT OUTLET SOLENOID VALVE LH MALFUNCTION IN VDCCM&H/U
C0035	Subaru	REAR INLET SOLENOID VALVE RH MALFUNCTION IN VDCCM&H/U
C0036	Subaru	REAR OUTLET SOLENOID VALVE RH MALFUNCTION IN VDCCM&H/U
C0037	Subaru	REAR INLET SOLENOID VALVE LH MALFUNCTION IN VDCCM&H/U
C0038	Subaru	REAR OUTLET SOLENOID VALVE LH MALFUNCTION IN VDCCM&H/U
C0039	Subaru	Any One of Four Solenoid Valves
C0041	Subaru	Electrical Control Module/Parameter selection error
C0042	Subaru	Power Supply Voltage Failure
C0044	Subaru	TCM Communication Circuit
C0045	Subaru	TCM malfunction/Incorrect VDC Control Module specifications
C0047	Subaru	IMPROPER CAN COMMUNICATION
C0051	Subaru	VALVE RELAY SYSTEM OPEN LINE
C0052	Subaru	MOTOR SYSTEM MALFUNCTION
C0054	Subaru	BRAKE LIGHT SWITCH OPEN LINE
C0056	Subaru	G SENSOR SIGNAL MALFUNCTION
C0057	Subaru	ECM/TCM COMMUNICATION OR TRANSMISSION SYSTEM MALFUNCTION
C0061	Subaru	Normal Opening Valve 1 malfunction
C0062	Subaru	Normal Opening Valve 2 malfunction
C0063	Subaru	Normal Closing Valve 1 malfunction
C0064	Subaru	Normal Closing Valve 2 malfunction
C0071	Subaru	STEERING ANGLE SENSOR COMMUNICATION MALFUNCTION
C0072	Subaru	YAW RATE SENSOR SIGNAL MALFUNCTION
C0073	Subaru	Lateral G Sensor Output
C0074	Subaru	PRESSURE SENSOR MALFUNCTION
C0075	Subaru	Reverse Signal
C0076	Subaru	Clutch Signal
C0081	Subaru	System Failure
P1152	Subaru	O2 SENSOR CIRCUIT RANGE/PERFORMANCE (LOW) (BANK 1 SENSOR 1)
P1153	Subaru	O2 SENSOR CIRCUIT RANGE/PERFORMANCE (HIGH) (BANK 1 SENSOR 1)
P1154	Subaru	O2 SENSOR CIRCUIT RANGE/PERFORMANCE (LOW) (BANK 2 SENSOR 1)
P1155	Subaru	O2 SENSOR CIRCUIT RANGE/PERFORMANCE (HIGH) (BANK 2 SENSOR 1)
P1160	Subaru	RETURN SPRING FAILURE
P1601	Subaru	TCM DATA COMMUNICATION FAILURE
P1706	Subaru	AT VEHICLE SPEED SENSOR CIRCUIT MALFUNCTION (REAR WHEEL)
P1707	Subaru	AT AWD SOLENOID VALVE CIRCUIT MALFUNCTION
P1710	Subaru	TORQUE CONVERTER TURBINE 2 SPEED SIGNAL CIRCUIT 2 MALFUNCTION
P1716	Subaru	ATF TEMP. SENSOR 2 CIRCUIT LOW
P1717	Subaru	ATF TEMP. SENSOR 2 CIRCUIT HIGH
P1718	Subaru	AT CAN COMMUNICATION CIRCUIT
P1798	Subaru	GEAR 1 ENGINE BRAKE
P1799	Subaru	INTERLOCK
P1817	Subaru	SPORT MODE SWITCH CIRCUIT (MANUAL SWITCH)
P1840	Subaru	TRANSMISSION FLUID PRESSURE SENSOR/SWITCH A CIRCUIT
P1841	Subaru	TRANSMISSION FLUID PRESSURE SENSOR/SWITCH B CIRCUIT
P1842	Subaru	TRANSMISSION FLUID PRESSURE SENSOR/SWITCH C CIRCUIT
P1843	Subaru	TRANSMISSION FLUID PRESSURE SENSOR/SWITCH D CIRCUIT

P1844	Subaru	TRANSMISSION FLUID PRESSURE SENSOR/SWITCH E CIRCUIT
P1446	Subaru	FUEL TANK SENSOR CONTROL VALVE CIRCUIT LOW
P1447	Subaru	FUEL TANK SENSOR CONTROL VALVE CIRCUIT HIGH
P1448	Subaru	FUEL TANK SENSOR CONTROL VALVE RANGE/PERFORMANCE
P1491	Subaru	POSITIVE CRANKCASE VENTILATION (BLOW-BY) FUNCTION PROBLEM
P1492	Subaru	EGR SIGNAL LINE 1 CIRCUIT (LOW)
P1493	Subaru	EGR SIGNAL LINE 1 CIRCUIT (HIGH)
P1494	Subaru	EGR SIGNAL LINE 2 CIRCUIT (LOW)
P1495	Subaru	EGR SIGNAL LINE 2 CIRCUIT (HIGH)
P1496	Subaru	EGR SIGNAL LINE 3 CIRCUIT (LOW)
P1497	Subaru	EGR SIGNAL LINE 3 CIRCUIT (HIGH)
P1498	Subaru	EGR SIGNAL LINE 4 CIRCUIT (LOW)
P1499	Subaru	EGR SIGNAL LINE 4 CIRCUIT (HIGH)
P1570	Subaru	Faulty antenna
P1571	Subaru	Reference code incompatibility between body integrated unit and ECM
P1572	Subaru	IMM CIRCUIT FAILURE (EXCEPT ANTENNA CIRCUIT)
P1574	Subaru	KEY COMMUNICATION FAILURE
P1576	Subaru	EGI CONTROL MODULE EEPROM
P1577	Subaru	IMM CONTROL MODULE EEPROM
P1578	Subaru	METER FAILURE
P1742	Subaru	Auto Trans Diagnosis Input Signal Malfunction
P1722	Subaru	Auto Trans Diagnosis Input Signal High Input
P1712	Subaru	Engine torque control signal 2 circuit malfunction
P1711	Subaru	Engine torque control signal 1 circuit malfunction
P1705	Subaru	2-4 Brake Pressure Solenoid Valve (Solenoid D) Circuit
P1703	Subaru	Low clutch timing control solenoid valve circuit malfunction
P1700	Subaru	Throttle Position Sensor Circuit Malfunction (A/T)
P1704	Subaru	2-4 Brake Timing Solenoid Valve Circuit Malfunction
P1702	Subaru	Auto Trans Diagnosis Input Signal Circuit
P1701	Subaru	Cruise Control Set Signal Circuit Malfunction (A/T)
P1595	Subaru	Automatic transmission diagnosis input signal circuit low input
P1699	Subaru	Engine torque control cut signal circuit high input
P1698	Subaru	Engine torque control cut signal circuit low input
P1596	Subaru	Automatic transmission diagnosis input signal circuit high input
P1594	Subaru	Automatic transmission diagnosis input signal circuit malfunction
P1592	Subaru	Neutral position switch circuit (MT model)
P1591	Subaru	Neutral position switch circuit low input
P1560	Subaru	Back-Up Voltage Circuit Malfunction
P1590	Subaru	Neutral position switch circuit high input
P1544	Subaru	High exhaust temperature detected
P1518	Subaru	Starter switch circuit low input
P1520	Subaru	Radiator Fan Relay 1 Circuit High Input
P1540	Subaru	Vehicle Speed Sensor Malfunction 2
P1514	Subaru	Idle Air Control Solenoid Signal 3 Circuit Low Input
P1515	Subaru	Idle Air Control Solenoid Signal 3 Circuit High Input
P1517	Subaru	Idle Air Control Solenoid Signal 4 Circuit High Input
P1516	Subaru	Idle Air Control Solenoid Signal 4 Circuit Low Input
P1510	Subaru	Idle Air Control Solenoid Signal 1 Circuit Low Input
P1513	Subaru	Idle Air Control Solenoid Signal 2 Circuit High Input
P1512	Subaru	Idle Air Control Solenoid Signal 2 Circuit Low Input
P1511	Subaru	Idle Air Control Solenoid Signal 1 Circuit High Input
P1507	Subaru	Idle Control System Malfunction (Fail Safe)
P1502	Subaru	Radiator Fan Function Problem
P1501	Subaru	Idle Control System Malfunction (Fail Safe)
P1500	Subaru	Radiator Fan Relay 1 Circuit Malfunction
P1441	Subaru	Fuel Tank Pressure Control System High Input
P1442	Subaru	Fuel Level Sensor Circuit Range/Perf
P1443	Subaru	EVAP Control System Vent Control Function Problem
P1480	Subaru	Cooling fan relay 1 circuit high input
P1440	Subaru	Fuel Tank Pressure Control System Low Input
P1423	Subaru	EVAP Vent Control High Input
P1422	Subaru	EVAP Purge Control Valve Circuit High Input
P1421	Subaru	Exhaust Gas Recirculation Circuit High Input
P1420	Subaru	Fuel Tank Pressure Control Solenoid High Input
P1400	Subaru	Fuel Tank Pressure Control Solenoid Low Input
P1325	Subaru	Knock Sensor Circuit Low Input
P1312	Subaru	Exhaust temperature sensor malfunction
P1301	Subaru	Fire due to increased exhaust temperature
P1230	Subaru	Fuel pump control unit malfunction
P1244	Subaru	Wastegate control solenoid valve malfunction (low input)
P1245	Subaru	Wastegate control solenoid valve malfunction (fail-safe)
P1151	Subaru	Rear Oxygen Sensor Heater Circuit High Input
P1150	Subaru	Front Oxygen Sensor Heater Circuit High Input
P1146	Subaru	Pressure sensor circuit range/performance problem (high input)
P1144	Subaru	Pressure Sensor Circuit High Input
P1143	Subaru	Pressure Sensor Circuit Low Input
P1142	Subaru	Mass Air Flow Sensor Circuit Low Input
P1141	Subaru	Mass Air Flow Sensor Circuit High Input

P1139	Subaru	Front oxygen (A/F) sensor #1 heater circuit performance/range problem
P1130	Subaru	Front oxygen sensor circuit malfunction (open circuit)
P1137	Subaru	Front oxygen (A/F) sensor circuit range/performance problem
P1134	Subaru	Front oxygen (A/F) sensor microcomputer problem
P1131	Subaru	Front oxygen sensor circuit malfunction (short circuit)
P1124	Subaru	TCS Signal Circuit High Input
P1122	Subaru	Pressure Sources Switching Valve Circuit High Input
P1121	Subaru	Neutral Position Switch Circuit Low Input AT Vehicles
P1121	Subaru	Neutral Position Switch Circuit High Input MT Vehicles
P1120	Subaru	Starter Switch High Input
P1116	Subaru	Engine Torque Control Cut Signal Circuit Low Input
P1115	Subaru	Engine Torque Control Cut Signal Circuit High Input
P1110	Subaru	Atmospheric pressure sensor low input
P1111	Subaru	Atmospheric pressure sensor high input
P1112	Subaru	Atmospheric pressure sensor range/performance problem
P1106	Subaru	Engine Torque Control Signal 2 Circuit Malfunction
P1104	Subaru	Engine Torque Control Signal Circuit Malfunction
P1103	Subaru	Engine Torque Control Signal 1 Circuit Malfunction
P1102	Subaru	Pressure Sources Solenoid Valve Circuit Malfunction
P1101	Subaru	Neutral Position Switch Circuit Malfunction (M/T)
P1101	Subaru	Neutral Position Switch Circuit High Input (A/T)
P1096	Subaru	Tumble generator valve circuit #2 (open circuit)
P1097	Subaru	Tumble generator valve circuit #2 (over current)
P1100	Subaru	Starter Switch Circuit Malfunction
P1094	Subaru	Tumble generator valve circuit #1 (open circuit)
P1095	Subaru	Tumble generator valve circuit #1 (over current)
P1092	Subaru	Tumble generator valve #2 (LH) malfunction (stuck open)
P1093	Subaru	Tumble generator valve #2 (LH) malfunction (stuck close)
P1091	Subaru	Tumble generator valve #1 (RH) malfunction (stuck close)
P1089	Subaru	Tumble generator valve #1 (RH) position sensor circuit high input
P1090	Subaru	Tumble generator valve #1 (RH) malfunction (stuck open)
P1088	Subaru	Tumble generator valve #1 (RH) position sensor circuit low input
P1087	Subaru	Tumble generator valve #2 (LH) position sensor circuit high input
P1086	Subaru	Tumble generator valve #2 (LH) position sensor circuit low input
DF001	Renault	Injection - Coolant temperature sensor circuit
DF002	Renault	Injection - Air temperature sensor circuit
DF004	Renault	Injection - Turbocharging pressure sensor circuit
DF007	Renault	Injection - Rail pressure sensor circuit
DF011	Renault	Injection - Sensor feed voltage no. 1
DF012	Renault	Injection - Sensor feed voltage no. 2
DF013	Renault	Injection - Sensor feed voltage no. 3
DF017	Renault	Injection - Pre-postheating unit control circuit
DF018	Renault	Injection - Low-speed fan assembly control circuit
DF019	Renault	Injection - High-speed fan assembly control circuit
DF025	Renault	Injection - Pre-postheating unit fault finding connection
DF026	Renault	Injection - Cylinder 1 injector control circuit
DF027	Renault	Injection - Cylinder 2 injector control circuit
DF028	Renault	Injection - Cylinder 3 injector control circuit
DF029	Renault	Injection - Cylinder 4 injector control circuit
DF032	Renault	Injection - Heating element 1 relay control circuit
DF033	Renault	Injection - Heating element 2 relay control circuit
DF034	Renault	Injection - Heating element 3 relay control circuit
DF038	Renault	Injection - Computer
DF046	Renault	Injection - Battery voltage
DF047	Renault	Injection - Computer supply voltage
DF051	Renault	Injection - Cruise control/speed limiter function
DF052	Renault	Injection - Injector control circuit
DF054	Renault	Injection - Turbocharging solenoid valve control circuit
DF056	Renault	Injection - Air flow sensor circuit
DF059	Renault	Injection - Misfires on cylinder 1
DF060	Renault	Injection - Misfires on cylinder 2
DF061	Renault	Injection - Misfires on cylinder 3
DF062	Renault	Injection - Misfires on cylinder 4
DF065	Renault	Injection - Misfiring
DF066	Renault	Injection - Injector code(s)
DF078	Renault	Injection - Motorised throttle control circuit
DF079	Renault	Injection - Motorised throttle valve automatic control
DF084	Renault	Injection - Actuator relay control circuit
DF085	Renault	Injection - Fuel pump relay control circuit
DF086	Renault	Injection - Coolant pump relay control circuit
DF088	Renault	Injection - Pinking sensor circuit
DF089	Renault	Injection - Inlet manifold pressure sensor circuit
DF091	Renault	Injection - Vehicle speed signal
DF092	Renault	Injection - Upstream oxygen sensor circuit
DF093	Renault	Injection - Downstream oxygen sensor circuit
DF095	Renault	Injection - Throttle potentiometer circuit gang 1
DF096	Renault	Injection - Throttle potentiometer circuit gang 2
DF098	Renault	Injection - Fuel temperature sensor circuit

DF101	Renault	Injection - ESP multiplex connection
DF102	Renault	Injection - Invalid power signal available
DF105	Renault	Injection - Cruise control/speed limiter on/off circuit
DF106	Renault	Injection - CC/SL selector switch on steering wheel
DF107	Renault	Injection - Computer memory
DF109	Renault	Injection - Low fuel level misfiring
DF110	Renault	Injection - Catalytic converter
DF119	Renault	Injection - Camshaft sensor signal
DF120	Renault	Injection - Engine speed sensor signal
DF138	Renault	Injection - Clutch pedal circuit
DF151	Renault	Injection - Main relay circuit
DF154	Renault	Injection - Flywheel signal sensor circuit
DF165	Renault	Injection - Accelerator pedal position sensor circuit
DF195	Renault	Injection - Camshaft/engine speed sensor consistency
DF196	Renault	Injection - Pedal sensor circuit gang 1
DF198	Renault	Injection - Pedal sensor circuit gang 2
DF200	Renault	Injection - Atmospheric pressure sensor
DF209	Renault	Injection - EGR valve position sensor circuit
DF221	Renault	Injection - Clutch contact signal
DF228	Renault	Injection - Brake signal
DF232	Renault	Injection - Refrigerant pressure sensor circuit
DF249	Renault	Injection - Injector control
DF265	Renault	Injection - Injector no. 1
DF266	Renault	Injection - Injector no. 2
DF267	Renault	Injection - Injector no. 3
DF268	Renault	Injection - Injector no. 4
DF272	Renault	Injection - EGR valve control circuit
DF293	Renault	Injection - Water in diesel fuel sensor
DF297	Renault	Injection - Particle filter
DF304	Renault	Injection - EGR by-pass circuit
DF308	Renault	Injection - Clogged particle filter
DF309	Renault	Injection - Particle filter downstream temp. sensor
DF310	Renault	Injection - Particle filter upstream temp. sensor
DF311	Renault	Injection - Failed regenerations limit exceeded
DF312	Renault	Injection - Speed request
DF315	Renault	Injection - Particle filter diff. pressure sensor
DF323	Renault	Injection - Damper valve
DF333	Renault	Injection - Injection - automatic transmission connection
DF361	Renault	Injection - Ignition coil control - cylinders 1 - 4
DF362	Renault	Injection - Ignition coil control - cylinders 2 - 3
DF364	Renault	Injection - Climate control
DF398	Renault	Injection - Fuel circuit operating fault
DF410	Renault	Injection - Instrument panel connection
DF436	Renault	Injection - Detection of engine misfiring
DF455	Renault	Injection - Low fuel level signal
DF457	Renault	Injection - Flywheel target
DF502	Renault	Injection - Cruise control or speed limiter button
DF532	Renault	Injection - Alternator charge signal
DF549	Renault	Injection - Canister bleed circuit
DF569	Renault	Injection - Turbocharging circuit
DF601	Renault	Injection - Upstream O2 sensor heating power circuit
DF602	Renault	Injection - Downstream O2 sensor heating power circuit
DF623	Renault	Injection - Closing brake signal
DF624	Renault	Injection - UPC multiplex connection
DF645	Renault	Injection - Damper valve position regulation
DF646	Renault	Injection - Damper valve position sensor
DF647	Renault	Injection - EGR valve position regulation
DF650	Renault	Injection - Accelerator pedal position signal
DF651	Renault	Injection - Turbine upstream pressure sensor circuit
DF652	Renault	Injection - Turbine upstream temperature sensor circuit
DF717	Renault	Injection - Particle filter upstream pressure
DF884	Renault	Injection - Additional petrol circuit pump relay (only for Flex fuel)
DF890	Renault	Injection - Movement during particle filter regen.
DF891	Renault	Injection - Group 1 injectors supply
DF892	Renault	Injection - Group 2 injectors supply
DF894	Renault	Injection - Additional petrol circuit solenoid valve (only for Flex fuel)
DF895	Renault	Injection - Pressure regulation on rail
DF896	Renault	Injection - Pressure regulation on pump
DF897	Renault	Injection - Pressure regulation circuit on pump
DF898	Renault	Injection - Pressure regulation circuit on rail
DF899	Renault	Injection - Regeneration temperature threshold limit exceeded
DF997	Renault	Injection - Control unit - heating elements connection
DF1067	Renault	Injection - After-Sales tooth signal sensor circuit
DF1069	Renault	Injection - Heater plugs not configured
DF1070	Renault	Injection - Air conditioning compressor sticking
DF002	Renault	Transmission - Computer
DF003	Renault	Transmission - Analogue sensor feed
DF005	Renault	Transmission - Oil pressure sensor circuit

DF008	Renault	Transmission - Multifunction switch intermediate position
DF009	Renault	Transmission - Multifunction switch prohibited position
DF010	Renault	Transmission - Instrument panel connection
DF012	Renault	Transmission - Solenoid valve feed
DF016	Renault	Transmission - Lock-up solenoid valve circuit
DF017	Renault	Transmission - Exchanger flow rate solenoid valve circuit
DF018	Renault	Transmission - Lock-up slip
DF020	Renault	Transmission - Old oil
DF023	Renault	Transmission - Engine oil temperature sensor circuit
DF024	Renault	Transmission - Coolant temperature circuit
DF029	Renault	Transmission - Multifunction switch in unstable position
DF036	Renault	Transmission - Pressure regulating solenoid valve circuit
DF038	Renault	Transmission - Turbine speed sensor circuit
DF048	Renault	Transmission - Vehicle speed signal
DF049	Renault	Transmission - Pressure regulation
DF055	Renault	Transmission - Injection connection instrument panel
DF064	Renault	Transmission - Display circuit
DF085	Renault	Transmission - Shift solenoid "EVS1" circuit
DF086	Renault	Transmission - Shift solenoid "EVS2" circuit
DF087	Renault	Transmission - Shift solenoid "EVS3" circuit
DF088	Renault	Transmission - Shift solenoid "EVS5" circuit
DF089	Renault	Transmission - Shift solenoid "EVS4" circuit
DF093	Renault	Transmission - Sequential gear lever circuit
DF095	Renault	Transmission - Shift lock electromagnet circuit
DF109	Renault	Transmission - Engine torque multiplex signal
DF112	Renault	Transmission - Shift solenoid "EVS6" circuit
DF114	Renault	Transmission - Multiplex pedal position
DF116	Renault	Transmission - Engine multiplex speed signal
DF117	Renault	Transmission - LH rear wheel multiplex speed signal
DF118	Renault	Transmission - RH rear wheel multiplex speed signal
DF119	Renault	Transmission - Brake pedal position
DF122	Renault	Transmission - Passenger compartment computer connection
DF123	Renault	Transmission - ABS computer connection
DF126	Renault	Transmission - Turbine speed signal
DF129	Renault	Transmission - Electronic stability program (ESP)
DF131	Renault	Transmission - Slip
DF174	Renault	Transmission - ABS fault detection
DF175	Renault	Transmission - Left-hand front wheel multiplex speed signal
DF176	Renault	Transmission - Right-hand front wheel multiplex speed signal
DF177	Renault	Transmission - Automatic transmission overheating
DF002	Renault	Steering - Computer
DF020	Renault	Steering - Computer supply
DF033	Renault	Steering - Multiplex network
DF035	Renault	Steering - Variable power assisted steering motor
DF038	Renault	Steering - Angle sensor
DF053	Renault	Steering - Computer configuration
DF054	Renault	Steering - Torque sensor
DF055	Renault	Steering - Computer memory
DF057	Renault	Steering - Vehicle speed multiplex signal
DF059	Renault	Steering - Angle sensor
DF001	Renault	ABS - Computer supply
DF006	Renault	ABS - Front left-hand wheel speed sensor circuit
DF007	Renault	ABS - Rear left-hand wheel speed sensor circuit
DF017	Renault	ABS - Computer
DF020	Renault	ABS - Tachometric index programming
DF026	Renault	ABS - Front right-hand wheel speed sensor circuit
DF027	Renault	ABS - Rear right-hand wheel speed sensor circuit
DF055	Renault	ABS - Vehicle parameter programming
DF063	Renault	ABS - Wheel speed inconsistency
DF066	Renault	ABS - No injection multiplex signal
DF090	Renault	ABS - Front right-hand wheel target
DF091	Renault	ABS - Front left-hand wheel target
DF092	Renault	ABS - Rear right-hand wheel target
DF093	Renault	ABS - Rear left-hand wheel target
DF097	Renault	ABS - No automatic transmission multiplex signal
DF126	Renault	ABS - Combined sensor signal plausibility
DF152	Renault	ABS - Multiplex network (bus off)
DF153	Renault	ABS - Multiplex network
DF186	Renault	ABS - No instrument panel multiplex signal
DF187	Renault	ABS - Brake light activation relay circuit
DF188	Renault	ABS - Brake switch circuit
DF189	Renault	ABS - Combined sensor circuit
DF190	Renault	ABS - Combined sensor
DF191	Renault	ABS - ESP on/off button circuit
DF193	Renault	ABS - Invalid injection multiplex signals
DF194	Renault	ABS - Invalid electric power assisted steering signals
DF195	Renault	ABS - Invalid automatic transmission multiplex signals
DF196	Renault	ABS - No power-assisted steering multiplex signal

DF001	Renault	Climate - Computer
DF007	Renault	Climate - Interior temperature sensor circuit
DF010	Renault	Climate - Mixing motor circuit
DF012	Renault	Climate - Distribution motor circuit
DF021	Renault	Climate - Recirculation motor circuit
DF026	Renault	Climate - Solar radiation sensor circuit
DF001	Renault	Headlights - Computer
DF002	Renault	Headlights - Front height sensor circuit
DF003	Renault	Headlights - Rear height sensor circuit
DF004	Renault	Headlights - Vehicle speed signal
DF005	Renault	Headlights - Computer initialisation
DF009	Renault	Headlights - Left-hand adjustment motor circuit
DF010	Renault	Headlights - Right-hand adjustment motor circuit
DF013	Renault	Headlights - Computer supply voltage
DF014	Renault	Headlights - Computer configuration
DF001	Renault	Discharge bulb - Computer
DF008	Renault	Discharge bulb - Front height sensor circuit
DF009	Renault	Discharge bulb - Rear height sensor circuit
DF013	Renault	Discharge bulb - Vehicle speed signal
DF018	Renault	Discharge bulb - Actuators
DF020	Renault	Discharge bulb - Power unit
DF007	Renault	Instrument panel - Fuel sender circuit
DF016	Renault	Instrument panel - Oil level sensor circuit
DF018	Renault	Instrument panel - Instrument panel
DF019	Renault	Instrument panel - Battery voltage
DF001	Renault	Multimedia - Computer
DF021	Renault	Multimedia - Computer configuration
DF024	Renault	Multimedia - No instrument panel multiplex signal
DF026	Renault	Multimedia - No fold-out unit multiplex signal
DF027	Renault	Multimedia - No audio CD changer signals
DF030	Renault	Multimedia - No GPS aerial circuit
DF032	Renault	Multimedia - Display supply
DF034	Renault	Multimedia - CD reader
DF035	Renault	Multimedia - Computer/fold-out unit connection
DF001	Renault	UCH - UCH
DF002	Renault	UCH - Steering lock
DF003	Renault	UCH - Clutch switch circuit
DF004	Renault	UCH - Brake switch circuit
DF005	Renault	UCH - Card
DF006	Renault	UCH - Front left-hand wheel sensor
DF007	Renault	UCH - Front right-hand wheel sensor
DF008	Renault	UCH - Rear right-hand wheel sensor
DF009	Renault	UCH - Rear left-hand wheel sensor
DF010	Renault	UCH - Steering column control unit circuit
DF011	Renault	UCH - Rain/Light sensor circuit
DF012	Renault	UCH - Right-hand indicator circuit
DF013	Renault	UCH - Left-hand indicator circuit
DF014	Renault	UCH - Card reader circuit
DF015	Renault	UCH - Optical sensor circuit
DF016	Renault	UCH - At least 2 identical codes in the summer set
DF017	Renault	UCH - At least 2 identical codes in the winter set
DF018	Renault	UCH - Programming of 4 codes in summer set not performed
DF019	Renault	UCH - Programming of 4 codes in winter set not performed
DF020	Renault	UCH - Front internal aerial circuit
DF021	Renault	UCH - Rear internal aerial circuit
DF022	Renault	UCH - Central internal aerial circuit
DF023	Renault	UCH - Driver side front door external aerial circuit
DF024	Renault	UCH - Passenger side front door external aerial circuit
DF025	Renault	UCH - Driver side rear door external aerial circuit
DF026	Renault	UCH - Passenger side rear door external aerial circuit
DF027	Renault	UCH - External temperature sensor circuit
DF029	Renault	UCH - Steering lock circuit
DF030	Renault	UCH - Anti-locking line
DF031	Renault	UCH - One-touch window connection
DF032	Renault	UCH - Boot external aerial circuit
DF033	Renault	UCH - Driver-side external aerial(s)
DF034	Renault	UCH - Passenger-side external aerial(s)
DF035	Renault	UCH - Internal aerial circuit
DF072	Renault	UCH - Child safety circuit
DF073	Renault	UCH - Right-hand door child safety lock circuit
DF074	Renault	UCH - Left-hand door child safety lock circuit
DF075	Renault	UCH - Timed supply circuit
DF002	Renault	Parking - Left-hand outer sensor
DF003	Renault	Parking - Left-hand inner sensor
DF004	Renault	Parking - Right-hand outer sensor
DF005	Renault	Parking - Right-hand inner sensor
DF006	Renault	Parking - Buzzer
DF007	Renault	Parking - Sensor supply voltage

DF008	Renault	Parking - Computer fault
DF012	Renault	Parking - Parking proximity sensor switch indicator light
DF002	Renault	Engine compartment connection unit - High speed fan relay control circuit
DF005	Renault	Engine compartment connection unit - Internal electronic fault
DF006	Renault	Engine compartment connection unit - Computer
DF009	Renault	Engine compartment connection unit - Ignition circuit
DF034	Renault	Engine compartment connection unit - ALTERNATOR TYPE
DF016	Renault	Engine compartment connection unit - LEFT-HAND DIPPED BEAM HEADLIGHT CIRCUIT
DF017	Renault	Engine compartment connection unit - RIGHT-HAND DIPPED BEAM HEADLIGHT CIRCUIT
DF014	Renault	Engine compartment connection unit - LEFT-HAND SIDE LIGHT CIRCUIT
DF015	Renault	Engine compartment connection unit - RIGHT-HAND SIDE LIGHT CIRCUIT
DF030	Renault	Engine compartment connection unit - CLIMATE CONTROL COMPRESSOR SUPPLY CIRCUIT
DF023	Renault	Engine compartment connection unit - WINDSCREEN WIPER CIRCUIT
DF018	Renault	Engine compartment connection unit - LEFT-HAND MAIN BEAM HEADLIGHT CIRCUIT
DF019	Renault	Engine compartment connection unit - RIGHT-HAND MAIN BEAM HEADLIGHT CIRCUIT
DF020	Renault	Engine compartment connection unit - FRONT FOG LIGHT CIRCUIT
DF035	Renault	Engine compartment connection unit - COMPUTER SUPPLY
DF022	Renault	Engine compartment connection unit - REAR SCREEN DE-ICER CIRCUIT
DF031	Renault	Engine compartment connection unit - HEADLIGHT WASHER SUPPLY CIRCUIT
DF036	Renault	Engine compartment connection unit - STEERING COLUMN LOCK SUPPLY CIRCUIT
DF029	Renault	Engine compartment connection unit - INJECTION/STEERING COLUMN LOCK SUPPLY
DF024	Renault	Engine compartment connection unit - GAS COMPUTER SUPPLY
DF025	Renault	Engine compartment connection unit - ELECTRIC POWER ASSISTED STEERING/AIRBAG SUPPLY
DF026	Renault	Engine compartment connection unit - AUTOMATIC GEARBOX SUPPLY
DF021	Renault	Engine compartment connection unit - REVERSING LIGHT(S) CIRCUIT
DF032	Renault	Engine compartment connection unit - +12 V RELAY SUPPLY CIRCUIT
DF033	Renault	Engine compartment connection unit - FAN ASSEMBLY SUPPLY CIRCUIT
DF007	Renault	Engine compartment connection unit - UPC - ALTERNATOR CONNECTION
DF013	Renault	Engine compartment connection unit - VOLTAGE REGULATION
DF012	Renault	Engine compartment connection unit - ALTERNATOR
DF027	Renault	Engine compartment connection unit - ACCESSORIES SUPPLY
DF001	Renault	Airbag/pretensioners - Computer
DF002	Renault	Airbag/pretensioners - Computer supply voltage
DF010	Renault	Airbag/pretensioners - Fault warning light circuit
DF028	Renault	Airbag/pretensioners - Passenger's airbag status warning light circuit
DF034	Renault	Airbag/pretensioners - Computer locked
DF039	Renault	Airbag/pretensioners - Driver's side sensor circuit
DF040	Renault	Airbag/pretensioners - Passenger's side sensor circuit
DF051	Renault	Airbag/pretensioners - Driver's side sensor configuration
DF052	Renault	Airbag/pretensioners - Passenger side sensor configuration
DF053	Renault	Airbag/pretensioners - Driver's seat position sensor configuration
DF060	Renault	Airbag/pretensioners - Multiplex network
DF065	Renault	Airbag/pretensioners - Driver's front seat position sensor circuit
DF066	Renault	Airbag/pretensioners - Passenger's rear chest side airbag circuit
DF067	Renault	Airbag/pretensioners - Driver's rear chest side airbag circuit
DF068	Renault	Airbag/pretensioners - Passenger's front side airbag circuit
DF069	Renault	Airbag/pretensioners - Passenger's curtain side airbag circuit
DF070	Renault	Airbag/pretensioners - Driver's curtain side airbag circuit
DF071	Renault	Airbag/pretensioners - Driver's frontal airbag circuit 2
DF072	Renault	Airbag/pretensioners - Driver's frontal airbag circuit 1
DF074	Renault	Airbag/pretensioners - Passenger's frontal airbag circuit 2
DF075	Renault	Airbag/pretensioners - Passenger's frontal airbag circuit 1
DF077	Renault	Airbag/pretensioners - Driver's chest front side airbag circuit
DF091	Renault	Airbag/pretensioners - Airbag locking switch circuit
DF187	Renault	Airbag/pretensioners - Trigger lines configuration
DF193	Renault	Airbag/pretensioners - Change of status of passenger airbag locking
DF194	Renault	Airbag/pretensioners - Computer to be replaced following impact
DF210	Renault	Airbag/pretensioners - Front buckles pretensioner circuit
DF214	Renault	Airbag/pretensioners - Airbag lock switch configuration
DF232	Renault	Airbag/pretensioners - Driver's seat belt buckle sensor circuit
DF239	Renault	Airbag/pretensioners - Rear seat belt retractors circuit
DF240	Renault	Airbag/pretensioners - Driver's seat base/lap belt circuit
DF241	Renault	Airbag/pretensioners - Passenger's seat base/lap belt circuit