

BMW OBDII DTC

P1083	Fuel Control Limit Mixture too Lean (Bank 1 Sensor 1)
P1084	Fuel Control Limit Mixture too Rich (Bank 1 Sensor 1)
P1085	Fuel Control Limit Mixture too Lean (Bank 2 Sensor 1)
P1086	Fuel Control Limit Mixture too Rich (Bank 2 Sensor 1)
P1087	O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 1)
P1088	O2 Sensor Circuit Slow Response in Rich Control Range (Bank 1 Sensor 1)
P1089	O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 2)
P1090	Pre Catalyst Fuel Trim System too Lean Bank 1
P1091	Pre Catalyst Fuel Trim System too Rich Bank 1
P1092	Pre Catalyst Fuel Trim System too Lean Bank 2
P1093	Pre Catalyst Fuel Trim System too Rich Bank 2
P1094	O2 Sensor Circuit Slow Response in Rich Control Range (Bank 2 Sensor 1)
P1095	O2 Sensor Signal Circuit Slow Switching From Lean to Rich (Bank 1 Sensor 1)
P1096	O2 Sensor Signal Circuit Slow Switching From Lean to Rich (Bank 2 Sensor 1)
P1097	O2 Sensor Circuit Slow Response after Coast Down Fuel Cut-Off (Bank 1 Sensor 2)
P1098	O2 Sensor Circuit Slow Response after Coast Down Fuel Cut-Off (Bank 2 Sensor 2)
P1106	Pressure sensor, intake manifold - input too low with engine stopped
P1107	Pressure sensor, intake manifold - input too low at idle
P1108	Pressure sensor, intake manifold - input too low at full load and low engine speed
P1109	Pressure sensor, intake manifold - input too high with trailing throttle"
P1111	Engine Coolant Temperature Radiator Outlet Sensor Low Input
P1112	Engine Coolant Temperature Radiator Outlet Sensor High Input
P1115	Coolant Temperature Sensor Plausibility
P1116	Mass or Volume Air Flow Circuit Range/Performance Problem (Bank 2)
P1117	Mass or Volume Air Flow Circuit Low Input (Bank 2)
P1118	Mass or Volume Air Flow Circuit High Input (Bank 2)
P1120	Pedal Position Sensor Circuit
P1121	Pedal Position Sensor 1 Range/Performance Problem
P1122	Pedal Position Sensor 1 Low Input
P1123	Pedal Position Sensor 1 High Input
P1125	Throttle potentiometer 1 and 2 - measuring-range or power-output problem (minor fault)
P1132	O2 Sensor Heater Control Circuit (Bank 1 Sensor 1)
P1133	O2 Sensor Heater Control Circuit (Bank 2 Sensor 1)
P1134	O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 1)
P1135	O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1)
P1136	O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1)
P1137	O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2)
P1138	O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2)
P1139	O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2)
P1140	Mass or Volume Air Flow Circuit Range/Performance Problem
P1145	Solenoid Valve Running Losses Control Circuit Electrical
P1151	O2 Sensor Heater Circuit Signal Intermittent (Bank 2 Sensor 1)

P1152 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1)
 P1153 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1)
 P1155 O2 Sensor Heater Circuit Signal Intermittent (Bank 2 Sensor 2)
 P1156 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 2)
 P1157 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2)
 P1158 Fuel Trim Adaptation Additive Bank 1 Low
 P1159 Fuel Trim Adaptation Additive Bank 1 High
 P1160 Fuel Trim Adaptation Additive Bank 2 Low
 P1161 Fuel Trim Adaptation Additive Bank 2 High/M52: Engine Oil Temperature Sensor Circuit
 P1162 Fuel Trim Adaptation Additive per Ignition Bank 1 Low
 P1163 Fuel Trim Adaptation Additive per Ignition Bank 1 High
 P1164 Fuel Trim Adaptation Additive per Ignition Bank 2 Low
 P1165 Fuel Trim Adaptation Additive per Ignition Bank 2 High
 P1174 Fuel Trim Adaptation Additive Bank 1 Malfunction
 P1175 Fuel Trim Adaptation Additive Bank 2 Malfunction
 P1176 O2 Sensor Slow Response Bank 1
 P1177 O2 Sensor Slow Response Bank 2
 P1178 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 1)
 P1179 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 1)
 P1180 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 2)
 P1181 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 2)
 P1182 O2 Sensor (Bank 1 Sensor 2) Open Circuit During Coast Down Fuel Cut-Off
 P1183 O2 Sensor (Bank 2 Sensor 2) Open Circuit During Coast Down Fuel Cut-Off
 P1186 O2 Sensor Heater Control Circuit (Bank 1 Sensor 2)
 P1187 O2 Sensor Heater Control Circuit (Bank 2 Sensor 2)
 P1188 Fuel Control (Bank 1 Sensor 1)
 P1189 Fuel Control (Bank 2 Sensor 1)
 P1190 Pre Catalyst Fuel Trim System Bank 1
 P1191 Pre Catalyst Fuel Trim System Bank 2
 P1192 Post Catalyst Fuel Trim System Bank 1
 P1193 Post Catalyst Fuel Trim System Bank 2
 P1221 Pedal Position Sensor 2 Range/Performance Problem
 P1222 Pedal Position Sensor 2 Low Input
 P1223 Pedal Position Sensor 2 High Input
 P1270 Control Module Self-Test; Torque Monitoring/M73: Mass Air Flow Sensor Bank Comparison Plausibility
 P1271 Ambient Air Pressure Sensor Electrical
 P1283 Switching Solenoid for Air Assisted Injection Valves Bank 1 Circuit Electrical
 P1284 Switching Solenoid for Air Assisted Injection Valves Bank 1 Circuit Signal Low
 P1285 Switching Solenoid for Air Assisted Injection Valves Bank 1 Circuit Signal High
 P1287 Switching Solenoid for Air Assisted Injection Valves Bank 2 Circuit Electrical
 P1288 Switching Solenoid for Air Assisted Injection Valves Bank 2 Circuit Signal Low
 P1289 Switching Solenoid for Air Assisted Injection Valves Bank 2 Circuit Signal High

P1313	A Camshaft Position Actuator Plausibility
P1317	B Camshaft Position Actuator Plausibility
P1327	Knock Sensor 2 (Bank 1) Low Input
P1328	Knock Sensor 2 (Bank)) High Input
P1332	Knock Sensor 4 Low Input
P1333	Knock Sensor 4 High Input
P1340	Multiple Cylinder Misfire During Start
P1341	Multiple Cylinder Misfire with Fuel Cut-Off
P1342	Misfire During Start Cylinder 1
P1343	Misfire Cylinder 1 with Fuel Cut-Off
P1344	Misfire During Start Cylinder 2
P1345	Misfire Cylinder 2 with Fuel Cut-Off
P1346	Misfire During Start Cylinder 3
P1347	Misfire Cylinder 3 with Fuel Cut-Off
P1348	Misfire During Start Cylinder 4
P1349	Misfire Cylinder 4 with Fuel Cut-Off
P1350	Misfire during Start Cylinder 5
P1351	Misfire Cylinder 5 with Fuel Cut-Off
P1352	Misfire during Start Cylinder 6
P1353	Misfire Cylinder 6 with Fuel Cut-Off
P1354	Misfire during Start Cylinder 7
P1355	Misfire Cylinder 7 with Fuel Cut-Off
P1356	Misfire during Start Cylinder 8
P1357	Misfire Cylinder 8 with Fuel Cut-Off
P1358	Misfire during Start Cylinder 9
P1359	Misfire Cylinder 9 with Fuel Cut-Off
P1360	Misfire during Start Cylinder 10
P1361	Misfire Cylinder 10 with Fuel Cut-Off
P1362	Misfire during Start Cylinder 11
P1363	Misfire Cylinder 11 with Fuel Cut-Off
P1364	Misfire during Start Cylinder 12
P1365	Misfire Cylinder 12 with Fuel Cut-Off
P1384	Knock Sensor 3 Circuit
P1385	Knock Sensor 4 Circuit
P1386	Control Module Self-Test; Knock Control Circuit Baseline Test Bank 1
P1396	Crankshaft Position Sensor Segment Timing Plausibility
P1397	Camshaft Position Sensor B Circuit (Bank 1)
P1400	Heated Catalyst Battery Voltage or Current too Low during Heating (Bank 1)
P1401	Heated Catalyst Current too High during Heating (Bank 1)
P1402	Heated Catalyst Power Switch Overtemperature Condition (Bank 1)
P1403	Carbon Canister Shut-Off Valve Control Circuit Electrical/M73: Heated Catalyst Battery Voltage or Current too Low during Heating (Bank 2)
P1404	Heated Catalyst Current too High during Heating (Bank 2)
P1405	Heated Catalyst Power Switch Overtemperature Condition (Bank 2)

P1406	Heated Catalyst Internal Control Module Checksum/ROM Error
P1413	Secondary Air Injection Pump Relay Control Circuit Signal Low
P1414	Secondary Air Injection Pump Relay Control Circuit Signal High
P1420	Secondary Air Valve Control Circuit Electrical
P1421	Secondary Air System Bank 2
P1423	Secondary Air System Bank 1
P1432	Secondary Air Injection System Incorrect Flow Detected
P1438	Purge Control Valve Control Open Circuit
P1439	Purge Control Valve Control Circuit Signal Low
P1440	Purge Control Valve Control Circuit Signal High
P1441	Leakage Diagnostic Pump Control Open Circuit
P1442	Leakage Diagnostic Pump Control Circuit Signal Low
P1443	Leakage Diagnostic Pump Control Circuit Signal High
P1444	Diagnostic Module Tank Leakage (DM-TL) Pump Control Open Circuit
P1445	Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal Low
P1446	Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal High
P1447	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too High (Solenoid Test)
P1448	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too Low (Solenoid Test)
P1449	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too High
P1450	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Open Circuit
P1451	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Circuit Signal Low
P1452	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Circuit Signal High
P1453	Secondary Air Injection Pump Relay Control Circuit Electrical
P1454	Secondary Air Injection Pump with Series Resistor Control Circuit Electrical
P1456	Heated Catalyst Heater Power Supply Open Circuit (Bank 1)
P1457	Heated Catalyst Power Switch Temperature Sensor Electrical (Bank 1)
P1459	Heated Catalyst Heater Power Supply Open Circuit (Bank 2)
P1460	Heated Catalyst Power Switch Temperature Sensor Electrical (Bank 2)
P1461	Heated Catalyst Gate Voltage Signal Low
P1462	Heated Catalyst Internal Control Module Checksum/EEPROM Error
P1463	Heated Catalyst Battery Temperature Sensor 1 Electrical
P1464	Heated Catalyst Battery Temperature Sensor 2 Electrical
P1465	Heated Catalyst Battery Temperature Sensor 1 or 2 Plausibility
P1466	Heated Catalyst Power Switch Temperature Sensor Plausibility
P1467	Heated Catalyst Comparison Battery Voltages of Power Switches Plausibility
P1468	Heated Catalyst Battery Disconnecting Switch Plausibility
P1470	Leakage Diagnostic Pump Control Circuit Electrical
P1472	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Circuit Electrical
P1473	Diagnostic Module Tank Leakage (DM-TL) Pump Current Plausibility
P1475	Leakage Diagnostic Pump Reed Switch Did Not
P1476	Close Leakage Diagnostic Pump Clamped Tube//M52 MY99/00: Leakage Diagnostic Pump Reed Switch Circuit Electrical
P1477	Leakage Diagnostic Pump Reed Switch Did Not Open
P1500	Idle-Speed Control Valve Stuck Open

P1501 Idle-Speed Control Valve Stuck Closed
 P1502 Idle-Speed Control Valve Closing Solenoid Control Circuit Signal High
 P1503 Idle-Speed Control Valve Closing Solenoid Control Circuit Signal Low
 P1504 Idle-Speed Control Valve Closing Solenoid Control Open Circuit
 P1505 Idle-Speed Control Valve Closing Solenoid Control Circuit Electrical
 P1506 Idle-Speed Control Valve Opening Solenoid Control Circuit Signal High
 P1507 Idle-Speed Control Valve Opening Solenoid Control Circuit Signal Low
 P1508 Idle-Speed Control Valve Opening Solenoid Control Open Circuit
 P1509 Idle-Speed Control Valve Opening Solenoid Control Circuit Electrical
 P1510 Idle-Speed Control Valve Stuck
 P1511 DISA (Differentiated Intake Manifold) Control Circuit Electrical
 P1512 DISA (Differentiated Intake Manifold) Control Circuit Signal Low
 P1513 DISA (Differentiated Intake Manifold) Control Circuit Signal High
 P1519 A Camshaft Position Actuator Bank 1
 P1520 B Camshaft Position Actuator Bank 1
 P1522 A Camshaft Position Actuator Bank 2
 P1523 A Camshaft Position Actuator Signal Low Bank 1//M52: B Camshaft Position Actuator
 Tight or Jammed
 P1524 A Camshaft Position Actuator Control Circuit Signal High Bank 1
 P1525 A Camshaft Position Actuator Control Open Circuit Bank 1
 P1526 A Camshaft Position Actuator Control Open Circuit Bank 2
 P1527 A Camshaft Position Actuator Control Circuit Signal Low Bank 2
 P1528 A Camshaft Position Actuator Control Circuit Signal High Bank 2
 P1529 B Camshaft Position Actuator Control Circuit Signal Low Bank 1
 P1530 B Camshaft Position Actuator Control Circuit Signal High Bank 1
 P1531 B Camshaft Position Actuator Control Open Circuit Bank 1
 P1532 B Camshaft Position Actuator Control Open Circuit Bank 2
 P1533 B Camshaft Position Actuator Control Circuit Signal Low Bank 2
 P1534 B Camshaft Position Actuator Control Circuit Signal High Bank 2
 P1540 Pedal Position Sensor
 P1541 Pedal Position Sensor Double Error
 P1542 Pedal Position Sensor Electrical
 P1543 Pedal Position Sensor
 P1544 Pedal Position Sensor
 P1545 Pedal Position Sensor
 P1550 Idle-Speed Control Valve Closing Solenoid Control Circuit Electrical
 P1552 A Camshaft Position Actuator Control Open Circuit Bank 1
 P1556 A Camshaft Position Actuator Control Open Circuit Bank 1
 P1560 B Camshaft Position Actuator Control Open Circuit Bank 1
 P1564 Control Module Selection
 P1565 B Camshaft Position Actuator Control Open Circuit Bank 1
 P1569 A Camshaft Position Actuator Control Open Circuit Bank 2
 P1573 Electronic Control Module Sensor Supply B Low Output//S54/S62: A Camshaft
 Position Actuator Control Circuit Signal Low Bank 2

P1580 Throttle Valve Mechanically Stuck
 P1581 B Camshaft Position Actuator Control Open Circuit Bank 2
 P1589 Control Module Self-Test; Knock Control Test Pulse Bank 1
 P1593 DISA (Differentiated Intake Manifold) Control Circuit Electrical
 P1594 B Camshaft Position Actuator Control Open Circuit Bank 2
 P1602 Control Module Self-Test; Control Module Detective
 P1603 Control Module Self-Test; Torque Monitoring
 P1604 Control Module Self-Test; Speed Monitoring
 P1607 CAN-Version
 P1608 Serial Communication Link Control Module
 P1609 Serial Communication Link EML (Electronical Engine-Power Regulation)
 P1611 Serial Communication Link Transmission Control Module
 P1619 Map Cooling Thermostat Control Circuit Signal Low
 P1620 Map Cooling Thermostat Control Circuit Signal High
 P1622 Map Cooling Thermostat Control Circuit Electrical
 P1623 Pedal Position Sensor Potentiometer Supply
 P1624 Pedal Position Sensor Potentiometer Supply Channel 1 Electrical//M52: Coolant
 Thermostat (Coolant Temperature Below Thermostat Regulating Temp)
 P1625 Pedal Position Sensor Potentiometer Supply Channel 2 Electrical
 P1632 Throttle Valve Adaptation; Adaptation Conditions Not Met
 P1633 Throttle Valve Adaptation; Limp Home Position Unknown
 P1634 Throttle Valve Adaptation; Spring Test Failed
 P1635 Throttle Valve Adaptation; Lower Mechanical Stop not Adapted
 P1636 Throttle Valve Control Circuit
 P1637 Throttle Valve Position Control; Control Deviation
 P1638 Throttle Valve Position Control; Throttle Stuck Temporarily
 P1639 Throttle Valve Position Control; Throttle Stuck Permanently
 P1640 Internal Control Module (ROM/RAM) Error
 P1691 Malfunction Indicator Lamp (MIL) Electrical
 P1734 Pressure Control Solenoid B Electrical
 P1738 Pressure Control Solenoid C Electrical
 P1743 Pressure Control Solenoid E Electrical//M44/M52: Brake Band Electrical
 P1744 Pressure Control Solenoid A Electrical
 P1746 Transmission Control Module Output Stage
 P1747 CAN-Bus Monitoring
 P1748 Transmission Control Module Self-Test
 P1749 Secondary Pressure Solenoid Communication Error//M52: Transmission Control
 Module Internal Memory
 P1750 Secondary Pressure Solenoid Circuit Range/Performance//M44/M52/S52/M62/M73:
 System Voltage Input Low
 P1751 Secondary Pressure Solenoid Open Circuit//M52: System Voltage Input High
 P1761 Shift lock Solenoid Malfunction
 P1765 CAN Throttle Valve
 P1770 CAN Torque Interface

P1780 CAN Torque Reduction