**BMW Fault Codes**

**BMW Specific Trouble Codes Code Description**

Fuel Control Mixture Lean (Bank 1 Sensor 1) P1083

Fuel Control Mixture Rich (Bank 1 Sensor 1) P1084

Fuel Control Mixture Lean (Bank 2 Sensor 1) P1085

Fuel Control Mixture Rich (Bank 2 Sensor 1) P1086

O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 1) P1087

O2 Sensor Circuit Slow Response in Rich Control Range (Bank 1 Sensor 1) P1088

O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 2) P1089

Pre-Catalyst Fuel Trim Too Lean Bank 1 P1090

Pre-Catalyst Fuel Trim Too Rich Bank 1 P1091

Pre-Catalyst Fuel Trim Too Lean Bank 2 P1092

Pre-Catalyst Fuel Trim Too Rich Bank 2 P1093

O2 Sensor Circuit Slow Response in Rich Control Range (Bank 2 Sensor 1) P1094

O2 Sensor Circuit Slow Switching From Lean to Rich (Bank 1 Sensor 1) P1095

O2 Sensor Circuit Slow Switching From Lean to Rich (Bank 2 Sensor 1) P1096

O2 Sensor Circuit Slow Response after Coast Down Fuel Cutoff (Bank 1 Sensor 1) P1097

O2 Sensor Circuit Slow Response after Coast Down Fuel Cutoff (Bank 2 Sensor 2) P1098

Engine Coolant Temperature Radiator Outlet Sensor Low Input P1111

Engine Coolant Temperature Radiator Outlet Sensor High Input P1112

Coolant Temperature Sensor Plausibility P1115

Mass Or Volume Air Flow Circuit Range/Performance Problem (Bank 2) P1116

Mass Or Volume Air Flow Circuit Low Input (Bank 2) P1117

Mass Or Volume Air Flow Circuit High Input (Bank 2) P1118

Pedal Position Sensor Circuit P1120

Pedal Position 1 Range/Performance Problem P1121

Pedal Position 1 Low Input P1122

Pedal Position 1 High Input P1123

O2 Sensor Heater Control Circuit (Bank 1 Sensor 1) P1132

O2 Sensor Heater Control Circuit (Bank 2 Sensor 1) P1133

O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2) P1134

O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) P1135

O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) P1136

O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2) P1137

O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2) P1138

O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2) P1139

Mass or Volume Air Flow Circuit Range/Performance Problem P1140

Solenoid Valve Running Losses Control Circuit Electrical P1145

O2 Sensor Heater Circuit Signal Intermittent (Bank 2 Sensor 1) P1151

O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1) P1152

O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1) P1153

O2 Sensor Heater Circuit Intermittent (Bank 2 Sensor 2) P1155

O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 2) P1156

O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2) P1157

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Fuel Trim Additive Bank 1 High P1159

Fuel Trim Additive Bank 2 Low P1160

Fuel Trim Additive Bank 2 High P1160

Fuel Trim Additive Per Ignition Bank 1 Low P1162

Fuel Trim Additive Per Ignition Bank 1 High P1163

Fuel Trim Additive Per Ignition Bank 2 Low P1164

Fuel Trim Additive Per Ignition Bank 2 High P1165

Fuel Trim Adaptation Additive Bank 1 Malfunction P1174

Fuel Trim Adaptation Additive Bank 2 Malfunction P1175

O2 Sensor Slow Response Bank 1 P1176

O2 Sensor Slow Response Bank 2 P1177

O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 1) P1178

O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 1) P1179

O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 2) P1180

O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 2) P1181

O2 Sensor (Bank 1 Sensor 2) Open Circuit During Coast Down Fuel Cut-off P1182

O2 Sensor (Bank 2 Sensor 2) Open Circuit During Coast Down Fuel Cut-off P1183

O2 Sensor Heater Control Circuit (Bank 1 Sensor 2) P1186

O2 Sensor Heater Control Circuit (Bank 2 Sensor 2) P1187

Fuel Control (Bank 1 Sensor 1) P1188

Fuel Control (Bank 2 Sensor 1) P1189

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Pre-catalyst Fuel Trim System Bank 2 P1191

Post-catalyst Fuel Trim System Bank 1 P1192

Post-catalyst Fuel Trim System Bank 2 P1193

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Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Signal High P1285

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Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Signal Low P1288

Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Signal High P1289

"A" Camshaft Position Plausibility P1313

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Knock Sensor 2 (Bank 1) High Input P1328

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Knock Sensor 4 High Input P1333

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Misfire During Start Cylinder 1 P1342

Misfire Cylinder 1 With Fuel Cut-off P1343

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Misfire Cylinder 2 With Fuel Cut-off P1345

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Misfire Cylinder 3 With Fuel Cut-off P1347

Misfire During Start Cylinder 4 P1348

Misfire Cylinder 4 With Fuel Cut-off P1349

Misfire During Start Cylinder 5 P1350

Misfire Cylinder 5 With Fuel Cut-off P1351

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Misfire Cylinder 6 With Fuel Cut-off P1353

Misfire During Start Cylinder 7 P1354

Misfire Cylinder 7 With Fuel Cut-off P1355

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Misfire Cylinder 8 With Fuel Cut-off P1357

Misfire During Start Cylinder 9 P1358

Misfire Cylinder 9 With Fuel Cut-off P1359

Misfire During Start Cylinder 10 P1360

Misfire Cylinder 10 With Fuel Cut-off P1361

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Carbon Canister Shut Off valve Control Circuit Electrical P1403

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Heated Catalyst Power Switch Over temperature Condition (Bank 2) P1405

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Secondary Air Injection System Monitor Circuit High P1414

Secondary Air Valve Control Circuit Electrical P1420

Secondary Air System Bank 1 P1421

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Leakage Diagnostic Pump Control Circuit Signal Low P1442

Leakage Diagnostic Pump Control Circuit Signal High P1443

Diagnostic Module Tank Leakage (DM-TL) Pump Control Open Circuit P1444

Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal Low P1445

Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal High P1446

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Diagnostic Module Tank Leakage (DM-TL) Pump Too Low During Switching P1448

Diagnostic Module Tank Leakage (DM-TL) Pump Too High P1449

Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Open Circuit P1450

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Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal High P1452

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Idle Speed Control Valve Stuck P1510

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DISA Control Circuit Signal Low P1512

DISA Control Circuit Signal High P1513

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"B" Camshaft Position Actuator Bank 1 P1520

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"A" Camshaft Position Actuator Signal Low Bank 1 P1523

"A" Camshaft Position Actuator Signal High Bank 1 P1524

"A" Camshaft Position Actuator Control Open Circuit Bank 1 P1525

"A" Camshaft Position Actuator Control Open Circuit Bank 2 P1526

"A" Camshaft Position Actuator Control Circuit Signal Low Bank 1 P1527

"A" Camshaft Position Actuator Control Circuit Signal High Bank 1 P1528

"B" Camshaft Position Actuator Control Circuit Signal Low Bank 1 P1529

"B" Camshaft Position Actuator Control Circuit Signal High Bank 1 P1530

"B" Camshaft Position Actuator Control Open Circuit Bank 1 P1531

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"A" Camshaft Position Actuator Control Open Circuit Bank 1 P1552

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"A" Camshaft Position Actuator Control Open Circuit Bank 2 P1569

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Pressure Control Solenoid "E" Electrical P1743

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CAN Torque Interface P1770

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