

OBD-II Codes P1100 - P1199

P1100	MAF Intermittant (Mazda)
P1100	Manifold Absolute Pressure (MAP) Sensor Malfunction (Open / Short) (Hyundai)
P1101	MAF Out Of Range (Mazda)
P1102	Manifold Absolute Pressure (MAP) Sensor Malfunction - Low Voltage (Hyundai)
P1103	Manifold Absolute Pressure (MAP) Sensor Malfunction - High Voltage (Hyundai)
P1105	MAP/BARO Switch Solenoid Valve (Infiniti)
P1106	Manifold Absolute Pressure (MAP) sensor circuit intermittent high voltage
P1106	Barometric pressure circuit problem (Acura, Honda)
P1107	Manifold Absolute Pressure (MAP) sensor circuit intermittent low voltage
P1107	Barometric pressure circuit low input (Acura, Honda)
P1108	BARO to MAP signal circuit comparison too high
P1108	Barometric pressure circuit high input (Acura, Honda)
P1110	Intake Valve Timing Control (Left Bank) (Infiniti)
P1110	Atmospheric Pressure Sensor Low Input (Subaru)
P1111	Intake Air Temperature (IAT) sensor intermittent high voltage
P1111	Engine Coolant Temperature Radiator Outlet Sensor Low Input (BMW)
P1111	Atmospheric Pressure Sensor High Input (Subaru)
P1112	Intake Air Temperature (IAT) sensor intermittent low voltage
P1112	Engine Coolant Temperature Radiator Outlet Sensor High Input (BMW)
P1112	Atmospheric Pressure Sensor Range / Performance Problem (Subaru)
P1114	Engine Coolant Temperature (ECT) sensor circuit intermittent low voltage
P1114	Intake Air Temperature 2 Circuit Low Input (Ford)
P1115	Engine Coolant Temperature (ECT) sensor circuit intermittent high voltage
P1115	Coolant Temperature Sensor Plausibility (BMW)
P1115	Intake Air Temperature 2 Circuit High Input (Ford)
P1116	Mass Or Volume Air Flow Circuit Range / Performance Problem (Bank 2) (BMW)
P1116	ECT Sensor Out Of Range (Ford, Mazda)
P1117	Mass Or Volume Air Flow Circuit Low Input (Bank 2) (BMW)

	Secondary Throttle Position Sensor (Stps) (Infiniti)
P1121	Throttle Position (TP) Sensor Inconsistent With MAF Sensor High Voltage
P1121	Pedal Position 1 Range / Performance Problem (BMW)
P1122	Throttle Position (TP) Sensor Inconsistent With MAF Sensor Low Voltage
P1122	Pedal Position 1 Low Input (BMW)
P1123	Pedal Position 1 High Input (BMW)
P1124	TPS Out Of Self Test Range (Ford)
P1124	TPS Out Of Self Test Range (Mazda)
P1125	TPS Intermittant (Ford)
P1125	TPS Intermittant (Infiniti)
P1125	Tandem Throttle Position Sensor (Mazda)
P1126	Thermostat Function (Nissan)
P1127	Exhaust Not Warm Enough, Downstream Sensor Not Tested (Ford)
P1128	MAP Lower Than Expected (Acura, Honda)
P1129	MAP Higher Than Expected (Acura, Honda)
P1129	Upstream O2 Sensors Swapped Bank To Bank (HO2S-11-21) (Ford)
P1129	Downstream O2 Sensors Swapped Bank To Bank (HO2S-12-22) (Mazda)
P1130	Lack Of HO2S-11, Fuel Trim At Limit (Ford)
P1130	Heated O2 Sensor (HO2S) 11 At Adaptive Limit (Mazda)
P1130	Swirl Control SOL / V (Nissan)
P1130	Front Right Oxygen Sensor Circuit Open (Subaru)
P1130	A / F Sensor Circuit Range / Performance (Bank 1 Sensor 1) (Toyota)
P1131	HO2S 11 Indicates Lean (Ford, Mazda)
P1131	Front Right Oxygen Sensor Circuit Shorted (Subaru)
P1132	O2 Sensor Heater Control Circuit (Bank 1 Sensor 1) (BMW)
P1132	HO2S 11 Indicates Rich (Ford, Mazda)
P1133	Heated Oxygen Sensor (HO2S) insufficient switching bank 1 sensor 1 (Rear Bank)
P1133	O2 Sensor Heater Control Circuit (Bank 2 Sensor 1) (BMW)
P1133	A / F Sensor Circuit Response (Bank 1 Sensor 1) (Toyota)
P1134	Heated Oxygen Sensor (HO2S) transition time ratio bank 1 sensor 1 (Rear Bank)
P1134	O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2) (BMW)
P1134	Front Oxygen (A / F) Sensor Micro-Computer Problem (Subaru)
P1135	O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) (BMW)
P1135	Intake Valve Timing Control (Right Bank) (Infiniti)
P1135	Front Left Oxygen Sensor Circuit Open (Subaru)
P1135	A / F Sensor Heater Circuit Malfunction (Bank 1 Sensor 1) (Toyota)
P1136	O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) (BMW)

P1136	Front Left Oxygen Sensor Circuit Shorted (Subaru)
P1137	O2 Sensor Heater Circuit Signal Intermittant (Bank 1 Sensor 2) (BMW)
P1137	Lack Of HO2S-12 Switch Indicates Lean (Ford)
P1138	O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2) (BMW)
P1138	Lack Of HO2S-12 Switch Indicates Rich (Ford)
P1139	O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2) (BMW)
P1139	Front Right Oxygen Sensor Heater Circuit Range (Subaru)
P1140	Mass or Volume Air Flow Circuit Range/Performance Problem (BMW)
P1140	Intake Valve Timing Control Position Sensor (Left Bank) (Infiniti)
P1140	Front Left Oxygen Sensor Heater Circuit Range (Subaru)
P1142	TPS Circuit Range/Perf. Problem (Low Input) (Subaru)
P1144	Mass Air Flow Sensor Open/Short To Ground. (Volkswagen)
P1145	Solenoid Valve Running Losses Control Circuit Electrical (BMW)
P1145	Intake Valve Timing Control Position Sensor (Right Bank) (Infiniti)
P1145	Mass Air Flow Sensor Short To Positive. (Volkswagen)
P1146	Pressure Sensor Circuit Range/Perf. (High Input) (Subaru)
P1146	Mass Air Flow Sensor Supply Voltage. (Volkswagen)
P1147	ETS Sub Accel Position Sensor 1 Malfunction (Hyundai)
P1148	Closed Loop Control (Bank 1) (Nissan, Infiniti)
P1150	Lack Of HO2S-21 Switch Fuel Trim At Limit (Ford)
P1150	A/F Sensor Circuit Range/Performance (Bank 2 Sensor 2) (Toyota)
P1151	O2 Sensor Heater Circuit Signal Intermittant (Bank 2 Sensor 1) (BMW)
P1151	Lack Of HO2S-21 Switch Indicates Lean (Ford)
P1151	ETS Main Accel Position Sensor 2 Malfunction (Hyundai)
P1152	O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1) (BMW)
P1152	Lack Of HO2S-21 Switch Indicates Rich (Ford)
P1153	O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1) (BMW)
P1153	Heated Oxygen Sensor (HO2S) insufficient switching bank 2 sensor 1 (Front Bank)
P1153	A/F Sensor Circuit Response (Bank 2 Sensor 1) (Toyota)
P1154	Heated Oxygen Sensor (HO2S) transition time ratio bank 2 sensor 1 (Front Bank)
P1155	O2 Sensor Heater Circuit Intermittant (Bank 2 Sensor 2) (BMW)
P1155	ETS Limp Home Valve (Hyundai)

P1155	A/F Sensor Heater Circuit (Bank 2 Sensor 1) (Toyota)
P1155	Manifold Absolute Pressure Sensor Short To Positive. (Volkswagen)
P1156	O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 2) (BMW)
P1156	Manifold Absolute Pressure Sensor Open /Short To Ground. (Volkswagen)
P1157	O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2) (BMW)
P1157	Lack Of HO2S-22 Switch Indicates Lean (Ford)
P1157	Manifold Absolute Pressure Sensor Supply Voltage. (Volkswagen)
P1158	Fuel Trim Additive Bank 1 Low (BMW)
P1158	Lack Of HO2S-22 Switch Indicates Rich (Ford)
P1159	Fuel Trim Additive Bank 1 High (BMW)
P1159	Variable Intake Motor Malfunction (Hyundai)
P1160	Fuel Trim Additive Bank 2 Low (BMW)
P1160	Intake Air Temperature Sensor Short To Ground. (Volkswagen)
P1161	Fuel Trim Additive Bank 2 High (BMW)
P1161	Intake Air Temperature Sensor Open /Short To Positive. (Volkswagen)
P1162	Fuel Trim Additive Per Ignition Bank 1 Low (BMW)
P1162	Intake Air Temperature Sensor Short To Ground. (Volkswagen)
P1163	Fuel Trim Additive Per Ignition Bank 1 High (BMW)
P1163	Fuel Temperature Sensor Open /Short To Positive. (Volkswagen)
P1164	Fuel Trim Additive Per Ignition Bank 2 Low (BMW)
P1164	Fuel Temperature Sensor Implausible Signal. (Volkswagen)
P1165	Fuel Trim Additive Per Ignition Bank 2 High (BMW)
P1165	Swirl Control Valve Control Vacuum Check Switch (Nissan)
P1168	FRP Sensor In Range But Low (Ford)
P1168	Closed Loop Control (Bank 2) (Nissan, Infiniti)
P1169	FRP Sensor In Range But High (Ford)
P1171	Electronic Throttle System Open (Hyundai)
P1172	Electronic Throttle System Motor Current (Hyundai)
P1173	Electronic Throttle System Rationality Malfunction (Hyundai)
P1174	Fuel Trim Adaptation Additive Bank 1 Malfunction (BMW)
P1174	Electronic Throttle System #1 Close Malfunction (Hyundai)
P1175	Fuel Trim Adaptation Additive Bank 2 Malfunction (BMW)
P1175	Electronic Throttle System #2 Close Malfunction (Hyundai)
P1176	O2 Sensor Slow Response Bank 1 (BMW)
P1176	ETS Motor Open /Short #1 (Hyundai)
P1177	O2 Sensor Slow Response Bank 2 (BMW)

P1176	ETS Motor Open/Short #2 (Hyundai)
P1178	O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 1) (BMW)
P1178	ETS Motor Battery Voltage Open (Hyundai)
P1179	O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 1) (BMW)
P1180	O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 2) (BMW)
P1180	Fuel Delivery System Low (Ford)
P1181	O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 2) (BMW)
P1181	Fuel Delivery System High (Ford)
P1182	O2 Sensor (Bank 1 Sensor 2) Open Circuit During Coast Down Fuel Cut-off (BMW)
P1183	EOT Sensor Circuit Malfunction (Ford)
P1183	O2 Sensor (Bank 2 Sensor 2) Open Circuit During Coast Down Fuel Cut-off (BMW)
P1184	EOT Sensor Out Of Range (Ford)
P1186	O2 Sensor Heater Control Circuit (Bank 1 Sensor 2) (BMW)
P1187	O2 Sensor Heater Control Circuit (Bank 2 Sensor 2) (BMW)
P1188	Fuel Control (Bank 1 Sensor 1) (BMW)
P1189	Fuel Control (Bank 2 Sensor 1) (BMW)
P1189	Engine Oil Pressure Switch Circuit
P1190	Pre-catalyst Fuel Trim System Bank 1 (BMW)
P1191	Pre-catalyst Fuel Trim System Bank 2 (BMW)
P1192	Post-catalyst Fuel Trim System Bank 1 (BMW)
P1192	Inlet Air Temp. Circuit Low (Chrysler, Jeep)
P1193	Post-catalyst Fuel Trim System Bank 2 (BMW)
P1193	Inlet Air Temp. Circuit High (Chrysler, Jeep)
P1195	1 / 1 O2 Sensor Slow During Catalyst Monitor (Chrysler, Jeep)
P1196	2 / 1 O2 Sensor Slow During Catalyst Monitor (Chrysler, Jeep)
P1197	1 / 2 O2 Sensor Slow During Catalyst Monitor (Chrysler, Jeep)
P1198	Radiator Temperature Sensor Volts Too High (Chrysler, Jeep)
P1199	Radiator Temperature Sensor Volts Too Low (Chrysler, Jeep)

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