

Audi Manufacturer-specific OBD2 Codes

| Codes | Definition |
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| P1009 | Air Mass Meter 1/2 Implausible Signal From Load Detection |
| P1018 | Intake Manifold Runner Bank 2 Lower Limit Not Reached |
| P1020 | Fuel pressure - control limit exceeded |
| P1023 | Fuel pressure control valve - short to ground |
| P1024 | Fuel pressure control valve - open circuit |
| P1025 | Fuel pressure control valve - mechanical fault |
| P1026 | Intake manifold air control solenoid - short to positive |
| P1027 | Intake manifold air control solenoid - short to ground |
| P1028 | Intake manifold air control solenoid - open circuit |
| P1029 | Intake manifold air control valve position sensor - upper limit not reached |
| P1030 | Intake manifold air control valve position sensor - lower limit not reached |
| P1031 | Intake manifold air control valve position sensor - specification not attained |
| P1032 | Nitrogen oxides (NOx) sensor - signal too high |
| P1033 | Nitrogen oxides (NOx) sensor - signal too low |
| P1034 | Nitrogen oxides (NOx) sensor - signal outside tolerance |
| P1035 | Nitrogen oxides (NOx) sensor - range/performance problem |
| P1036 | Nitrogen oxides (NOx) heater sensor - short to positive |
| P1037 | Nitrogen oxides (NOx) heater sensor - short to ground |
| P1038 | Nitrogen oxides (NOx) heater sensor - open circuit |
| P1039 | Injector 1, supply voltage - short circuit |
| P1040 | Injector 1, supply voltage - circuit malfunction |
| P1041 | Injector 2, supply voltage - short circuit |
| P1042 | Injector 2, supply voltage - circuit malfunction |
| P1043 | Injector 3, supply voltage - short circuit |
| P1044 | Injector 3, supply voltage - circuit malfunction |
| P1045 | Injector 4, supply voltage - short circuit |
| P1046 | Injector 4, supply voltage - circuit malfunction |
| P1047 | Camshaft position (CMP) actuator, exhaust/ right/rear, Bank 1 - circuit malfunction |
| P1048 | Camshaft position (CMP) actuator, exhaust/ right/rear, Bank 1 - short to positive |
| P1049 | Camshaft position (CMP) actuator, exhaust/ right/rear, Bank 1 - short to ground |
| P1050 | Camshaft position (CMP) actuator, exhaust/ right/rear, Bank 1 - open circuit |
| P1055 | Bank 1 Camshaft Adjustment Short To B+ |
| P1056 | Bank 1 Camshaft Adjustment Short To Ground |
| P1057 | Bank 1 Camshaft Adjustment Short To Open Circuit |
| P1063 | Fuel pressure - control limit not reached |
| P1064 | Fuel pressure - mechanical fault |
| P1065 | Fuel pressure - system deviation |
| P1066 | Intake manifold air control solenoid - short to positive |
| P1067 | Intake manifold air control solenoid - short to ground |
| P1068 | Intake manifold air control solenoid - open circuit |

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| P1069 | Nitrogen oxides (NOx) sensor - heater control - short to ground |
| P1070 | Nitrogen oxides (NOx) sensor - heater control - short to positive |
| P1071 | Nitrogen oxides (NOx) sensor - heater control - incorrect signal |
| P1072 | Nitrogen oxides (NOx) sensor - heater control - circuit malfunction |
| P1073 | Mass Air Flow Sensor 2 Signal Too Small |
| P1074 | Mass Air Flow Sensor 2 Signal Too Large |
| P1081 | Exhaust Bank 3- Mixture Adaption Range 1 Lower Lean Limit Not Reached |
| P1082 | Exhaust Bank 3- Mixture Adaption Range 2 Lower Lean Limit Not Reached |
| P1083 | Exhaust Bank 3- Mixture Adaption Range 1 Lower Rich Limit Not Reached |
| P1084 | Exhaust Bank 3- Mixture Adaption Range 2 Lower Rich Limit Not Reached |
| P1085 | Exhaust Bank 4- Mixture Adaption Range 1 Lower Lean Limit Not Reached |
| P1086 | Exhaust Bank 4- Mixture Adaption Range 2 Lower Lean Limit Not Reached |
| P1087 | Exhaust Bank 4- Mixture Adaption Range 1 Lower Rich Limit Not Reached |
| P1088 | Exhaust Bank 4- Mixture Adaption Range 2 Lower Rich Limit Not Reached |
| P1093 | Mixture control (MC), Bank 1 - malfunction |
| P1100 | HO2S12 Sensor Circuit Voltage Too Low Air Leak |
| P1101 | Heated oxygen sensor (HO2S) 1, Bank 1 - low voltage/air leak |
| P1102 | Heated oxygen sensor (HO2S) 1, Bank 1 - heater short to positive |
| P1103 | Heated oxygen sensor (HO2S) 1, Bank 1 - heater output too low |
| P1104 | HO2S12 Sensor Circuit Voltage Too Low Air Leak |
| P1105 | Heated oxygen sensor (HO2S) 2, Bank 1 - heater short to positive |
| P1106 | Heated oxygen sensor (HO2S) 1, Bank 2 - low voltage/air leak |
| P1107 | Heated oxygen sensor (HO2S) 1, Bank 2 - heater short to positive |
| P1109 | HO2S22 Sensor Circuit Voltage Too Low Air Leak |
| P1110 | Heated oxygen sensor (HO2S) 2, Bank 2 - heater short to positive |
| P1111 | Heated oxygen sensor (HO2S) control, Bank 1 - system too lean |
| P1112 | Heated oxygen sensor (HO2S) control, Bank 1 - system too rich |
| P1113 | Heated oxygen sensor (HO2S) 1, Bank 1 - heater resistance too high |
| P1114 | Heated oxygen sensor (HO2S) 2, Bank 1 - heater resistance too high |
| P1115 | Heated oxygen sensor (HO2S) 1, Bank 1 - heater short to ground |
| P1116 | Heated oxygen sensor (HO2S) 1, Bank 1 - heater open circuit |
| P1117 | Heated oxygen sensor (HO2S) 2, Bank 1 - heater short to ground |
| P1118 | Heated oxygen sensor (HO2S) 2, Bank 1 - heater open circuit |
| P1119 | Heated oxygen sensor (HO2S) 1, Bank 2 - heater short to ground |
| P1120 | Heated oxygen sensor (HO2S) 1, Bank 2 - heater open circuit |
| P1121 | Heated oxygen sensor (HO2S) 2, Bank 2 - heater short to ground |
| P1122 | Heated oxygen sensor (HO2S) 2, Bank 2 - heater open circuit |
| P1123 | Long Term Fuel Trim Adjustment Bank 1 System Too Rich |
| P1124 | Long Term Fuel Trim Adjustment Bank 1 System Too Lean |
| P1125 | Long Term Fuel Trim Adjustment Bank 2 System Too Rich |
| P1126 | Long Term Fuel Trim Adjustment Bank 2 System Too Lean |
| P1127 | Long term fuel trim, entire speed/load range, Bank 1 - system too rich |
| P1128 | Long term fuel trim, entire speed/load range, Bank 1 - system too lean |
| P1129 | Long term fuel trim, entire speed/load range, Bank 2 - system too rich |
| P1130 | Long term fuel trim, entire speed/load range, Bank 2 - system too lean |
| P1131 | Heated oxygen sensor (HO2S) 1, Bank 1 - heater resistance too high |
| P1132 | Heated oxygen sensor (HO2S) 1, Bank 1 & 2 - heater control - circuit high |

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| P1133 | Heated oxygen sensor (HO2S) 1, Bank 1 & 2 - heater control - circuit low |
| P1134 | HO2S Heater Circuit- Bank 1 & 2 Sensor 2 Short To B+ |
| P1135 | HO2S Heater Circuit- Bank 1 & 2 Sensor 2 Electrical Malfunction |
| P1136 | Long term fuel trim, idling, Bank 1 - system too lean |
| P1137 | Long term fuel trim, idling, Bank 1 - system too rich |
| P1138 | Long term fuel trim, idling, Bank 2 - system too lean |
| P1139 | Long term fuel trim, idling, Bank 2 - system too rich |
| P1140 | Heated oxygen sensor (HO2S) 2, Bank 2 - heater resistance too high |
| P1141 | Load calculation - implausible value |
| P1142 | Load calculation - too low |
| P1143 | Load calculation - too high |
| P1144 | Mass air flow (MAF) sensor, Bank 1 - open circuit/short to ground |
| P1145 | Mass air flow (MAF) sensor, Bank 1 - short to positive |
| P1146 | Mass air flow (MAF) sensor, Bank 1 - supply voltage |
| P1147 | Heated oxygen sensor (HO2S) 1, Bank 2 - lambda regulation, system too lean |
| P1148 | Heated oxygen sensor (HO2S) 1, Bank 2 - lambda regulation, system too rich |
| P1149 | Heated oxygen sensor (HO2S) 1, Bank 1 - implausible lambda control value |
| P1150 | Heated oxygen sensor (HO2S) 1, Bank 2 - implausible lambda control value |
| P1151 | Long term fuel trim 1, Bank 1 - below lean limit |
| P1152 | Long term fuel trim 2, Bank 1 - below lean limit |
| P1153 | Heated oxygen sensor (HO2S) 2, Bank 1 & 2 - interchanged |
| P1154 | Manifold Switch Over Malfunction |
| P1155 | Manifold absolute pressure (MAP) sensor - short to positive |
| P1156 | Manifold absolute pressure (MAP) sensor - open circuit/short to ground |
| P1157 | Manifold absolute pressure (MAP) sensor - supply voltage |
| P1158 | Manifold absolute pressure (MAP) sensor - range/performance problem |
| P1159 | Mass air flow (MAF) sensor, Bank 1 & 2 - implausible ratio |
| P1160 | Intake air temperature (IAT) sensor - short to ground |
| P1161 | Intake air temperature (IAT) sensor - open circuit/short to positive |
| P1162 | Fuel temperature sensor - short to ground |
| P1163 | Fuel temperature sensor - open circuit/short to positive |
| P1164 | Fuel temperature sensor - range/performance problem |
| P1165 | Long term fuel trim 1, Bank 1 - above rich limit |
| P1166 | Long term fuel trim 2, Bank 1 - above rich limit |
| P1167 | Mass air flow (MAF) sensor, Bank 2 - range/performance problem |
| P1168 | Mass air flow (MAF) sensor, Bank 2 - low input |
| P1169 | Mass air flow (MAF) sensor, Bank 2 - high input |
| P1170 | Mass air flow (MAF) sensor, Bank 2 - supply voltage |
| P1171 | Throttle motor position sensor 2 - range/performance problem |
| P1172 | Throttle motor position sensor 2 - low input |
| P1173 | Throttle motor position sensor 2 - high input |
| P1174 | Fuel measurement system, Bank 1 - injection timing incorrect |
| P1176 | Lambda correction after catalyst, Bank 1 - control limit reached |
| P1177 | Lambda correction after catalyst, Bank 2 - control limit reached |
| P1178 | Heated oxygen sensor (HO2S) 1, Bank 1, pump current - open circuit |
| P1179 | Heated oxygen sensor (HO2S) 1, Bank 1, pump current - short to ground |
| P1180 | Heated oxygen sensor (HO2S) 1, Bank 1, pump current - short to positive |

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| P1181 | Heated oxygen sensor (HO2S) 1, Bank 1, reference voltage - open circuit |
| P1182 | Heated oxygen sensor (HO2S) 1, Bank 1, reference voltage - short to ground |
| P1183 | Heated oxygen sensor (HO2S) 1, Bank 1, reference voltage - short to positive |
| P1184 | Linear Oxygen Sensor Common Ground Open Circuit |
| P1185 | Linear Oxygen Sensor Common Ground Short To Ground |
| P1186 | Linear Oxygen Sensor Common Ground Short To Positive |
| P1187 | Heated oxygen sensor (HO2S) 1, Bank 1 or 2 - circuit malfunction |
| P1188 | Linear O2 Sensor Compensation Resistor Short to Ground |
| P1189 | Linear O2 Sensor Compensation Resistor Short to B+ |
| P1190 | Heated oxygen sensor (HO2S) 1, Bank 1, reference voltage - range/performance problem |
| P1191 | Heated oxygen sensor (HO2S) 1, Bank 1 & 2 - interchanged |
| P1192 | Fuel pressure sensor - supply voltage |
| P1193 | Fuel pressure sensor - open circuit/ short to positive |
| P1194 | Fuel pressure control valve - short to positive |
| P1195 | Fuel pressure control valve - open circuit/short to ground |
| P1196 | Heated oxygen sensor (HO2S) 1, Bank 1, heater circuit malfunction |
| P1197 | Heated oxygen sensor (HO2S) 1, Bank 2, heater circuit malfunction |
| P1198 | Heated oxygen sensor (HO2S) 2, Bank 1, heater circuit malfunction |
| P1199 | Heated oxygen sensor (HO2S) 2, Bank 2, heater circuit malfunction |
| P1200 | Turbocharger Recirculating Valve Mechanical Malfunction |
| P1201 | Injector 1 - circuit malfunction |
| P1202 | Injector 2 - circuit malfunction |
| P1203 | Injector 3 - circuit malfunction |
| P1204 | Injector 4 - circuit malfunction |
| P1205 | Injector 5 - circuit malfunction |
| P1206 | Injector 6 - circuit malfunction |
| P1207 | Injector 7 - circuit malfunction |
| P1208 | Injector 8 - circuit malfunction |
| P1209 | Intake Valves For Cylinder Shut Off Short Circuit To Ground |
| P1210 | Intake Valves For Cylinder Shut Off Short to B+ |
| P1211 | Intake Valves For Cylinder Shut Off Open Circuit |
| P1213 | Injector 1 - short to positive |
| P1214 | Injector 2 - short to positive |
| P1215 | Injector 3 - short to positive |
| P1216 | Injector 4 - short to positive |
| P1217 | Injector 5 - short to positive |
| P1218 | Injector 6 - short to positive |
| P1219 | Injector 7 - short to positive |
| P1220 | Injector 8 - short to positive |
| P1221 | Cylinder Shut Off Exhaust Valves Short Circuit To Ground |
| P1222 | Cylinder Shut Off Exhaust Valves Short To B+ |
| P1223 | Cylinder Shut Off Exhaust Valves Open Circuit |
| P1225 | Injector 1 - short to ground |
| P1226 | Injector 2 - short to ground |
| P1227 | Injector 3 - short to ground |
| P1228 | Injector 4 - short to ground |
| P1229 | Injector 5 - short to ground |

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| P1230 | Injector 6 - short to ground |
| P1231 | Injector 7 - short to ground |
| P1232 | Injector 8 - short to ground |
| P1237 | Injector 1 - open circuit |
| P1238 | Injector 2 - open circuit |
| P1239 | Injector 3 - open circuit |
| P1240 | Injector 4 - open circuit |
| P1241 | Injector 5 - open circuit |
| P1242 | Injector 6 - open circuit |
| P1243 | Injector 7 - open circuit |
| P1244 | Injector 8 - open circuit |
| P1245 | Injector needle lift sensor - short to ground |
| P1246 | Injector needle lift sensor - range/performance problem |
| P1247 | Injector needle lift sensor - open circuit/short to positive |
| P1248 | Start of injection - control difference |
| P1249 | Fuel Consumption Signal Electrical Fault In Circuit |
| P1250 | Fuel tank level sensor - low input |
| P1251 | Fuel injection timing solenoid - short to positive |
| P1252 | Fuel injection timing solenoid - open circuit/short to ground |
| P1253 | Instrument panel, fuel consumption signal - short to ground |
| P1254 | Instrument panel, fuel consumption signal - short to positive |
| P1255 | Engine coolant temperature (ECT) sensor - short to ground |
| P1256 | Engine coolant temperature (ECT) sensor - open circuit/short to positive |
| P1257 | Engine Coolant System Valve Open |
| P1258 | Engine Coolant System Valve Short To B+ |
| P1259 | Engine Coolant System Valve Short To Ground |
| P1260 | Injector 1 - implausible signal |
| P1261 | Injector 1 - control limit exceeded |
| P1262 | Injector 1 - control limit not reached |
| P1263 | Injector 2 - implausible signal |
| P1264 | Injector 2 - control limit exceeded |
| P1265 | Injector 2 - control limit not reached |
| P1266 | Injector 3 - implausible signal |
| P1267 | Injector 3 - control limit exceeded |
| P1268 | Injector 3 - control limit not reached |
| P1269 | Injector 4 - implausible signal |
| P1270 | Injector 4 - control limit exceeded |
| P1271 | Injector 4 - control limit not reached |
| P1278 | Fuel metering solenoid - short to positive |
| P1279 | Fuel metering solenoid - open circuit/short to ground |
| P1281 | Fuel metering solenoid - short to ground |
| P1282 | Fuel metering solenoid - open circuit |
| P1285 | Fuel Injection Air Control Valve Circuit Short To Ground |
| P1287 | Turbocharger (TC) bypass valve - open circuit |
| P1288 | Turbocharger (TC) bypass valve - short to positive |
| P1289 | Turbocharger (TC) bypass valve - short to ground |
| P1290 | Engine coolant temperature (ECT) sensor, ECM controlled cooling system - high input |

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| P1291 | Engine coolant temperature (ECT) sensor, ECM controlled cooling system - high input |
| P1292 | Engine coolant thermostat - open circuit |
| P1293 | Engine coolant thermostat - short to positive |
| P1294 | Engine coolant thermostat - short to ground |
| P1295 | Turbocharger (TC), bypass - flow malfunction |
| P1296 | Engine cooling system - malfunction |
| P1297 | Turbocharger (TC)/throttle valve, hose connection - pressure loss |
| P1299 | Fuel metering solenoid - circuit malfunction |
| P1300 | Random/multiple cylinder(s) - misfire detected |
| P1320 | Knock Sensor 2 Circuit Short To Ground |
| P1321 | Knock Sensor 3 Signal Too Low |
| P1322 | Knock Sensor 3 Signal Too High |
| P1323 | Knock Sensor 4 Signal Too Low |
| P1324 | Knock Sensor 4 Signal Too Low |
| P1325 | Knock control, cylinder 1 - control limit reached |
| P1326 | Knock control, cylinder 2 - control limit reached |
| P1327 | Knock control, cylinder 3 - control limit reached |
| P1328 | Knock control, cylinder 4 - control limit reached |
| P1329 | Knock control, cylinder 5 - control limit reached |
| P1330 | Knock control, cylinder 6 - control limit reached |
| P1331 | Knock control, cylinder 7 - control limit reached |
| P1332 | Knock control, cylinder 8 - control limit reached |
| P1335 | Engine torque control - limit reached |
| P1336 | Engine torque monitoring - control limit exceeded |
| P1337 | Camshaft position (CMP) sensor, Bank 1 - short to ground |
| P1338 | Camshaft position (CMP) sensor, Bank 1 - open circuit/short to positive |
| P1339 | Crankshaft position (CKP) sensor/ engine speed (RPM) sensor - interchanged |
| P1340 | Camshaft position (CMP) sensor 1/Bank 1/ crankshaft position (CKP) sensor - out of sequence |
| P1341 | Ignition amplifier, primary circuit 1 - short to ground |
| P1342 | Ignition amplifier, primary circuit 1 - short to positive |
| P1343 | Ignition amplifier, primary circuit 2 - short to ground |
| P1344 | Ignition amplifier, primary circuit 2 - short to positive |
| P1345 | Ignition amplifier, primary circuit 3 - short to ground |
| P1346 | Ignition amplifier, primary circuit 3 - short to positive |
| P1347 | Camshaft position (CMP) sensor 2/Bank 2/ crankshaft position (CKP) sensor - out of sequence |
| P1348 | Ignition amplifier, primary circuit 1 - open circuit |
| P1349 | Ignition amplifier, primary circuit 2 - open circuit |
| P1350 | Ignition amplifier, primary circuit 3 - open circuit |
| P1351 | Camshaft position (CMP) sensor, Bank 1 - range/performance problem |
| P1354 | Fuel quantity adjuster position sensor |
| P1355 | Ignition coil/amplifier, cylinder 1 - open circuit |
| P1356 | Ignition coil/amplifier, cylinder 1 - short to positive |
| P1357 | Ignition coil/amplifier, cylinder 1 - short to ground |
| P1358 | Ignition coil/amplifier, cylinder 2 - open circuit |
| P1359 | Ignition coil/amplifier, cylinder 2 - short to positive |
| P1360 | Ignition coil/amplifier, cylinder 2 - short to ground |
| P1361 | Ignition coil/amplifier, cylinder 3 - open circuit |

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| P1362 | Ignition coil/amplifier, cylinder 3 - short to positive |
| P1363 | Ignition coil/amplifier, cylinder 3 - short to ground |
| P1364 | Ignition coil/amplifier, cylinder 4 - open circuit |
| P1365 | Ignition coil/amplifier, cylinder 4 - short to positive |
| P1366 | Ignition coil/amplifier, cylinder 4 - short to ground |
| P1367 | Ignition coil/amplifier, cylinder 5 - open circuit |
| P1368 | Ignition coil/amplifier, cylinder 5 - short to positive |
| P1369 | Ignition coil/amplifier, cylinder 5 - short to ground |
| P1370 | Ignition coil/amplifier, cylinder 6 - open circuit |
| P1371 | Ignition coil/amplifier, cylinder 6 - short to positive |
| P1372 | Ignition coil/amplifier, cylinder 6 - short to ground |
| P1373 | Ignition coil/amplifier, cylinder 7 - open circuit |
| P1374 | Ignition coil/amplifier, cylinder 7 - short to positive |
| P1375 | Ignition coil/amplifier, cylinder 7 - short to ground |
| P1376 | Ignition coil/amplifier, cylinder 8 - open circuit |
| P1377 | Ignition coil/amplifier, cylinder 8 - short to positive |
| P1378 | Ignition coil/amplifier, cylinder 8 - short to ground |
| P1385 | Engine control module (ECM) - defective |
| P1386 | Engine control module (ECM), knock control - defective |
| P1387 | Engine control module (ECM), BARO sensor - defective |
| P1388 | Engine control module (ECM), ETS - defective |
| P1389 | Engine control module (ECM) 2 - defective |
| P1391 | Camshaft position (CMP) sensor 2/ Bank 2 - short to ground |
| P1392 | Camshaft position (CMP) sensor 2/ Bank 2 - open circuit/short to positive |
| P1393 | Ignition amplifier, primary circuit 1 - circuit malfunction |
| P1394 | Ignition amplifier, primary circuit 2 - circuit malfunction |
| P1395 | Ignition amplifier, primary circuit 3 - circuit malfunction |
| P1397 | Crankshaft position (CKP) sensor/engine speed (RPM) sensor - control limit reached |
| P1398 | Crankshaft position (CKP) sensor/engine speed (RPM) sensor - short to ground |
| P1399 | Crankshaft position (CKP) sensor/engine speed (RPM) sensor - short to positive |
| P1400 | Exhaust gas recirculation (EGR) valve/solenoid, Bank 1 - circuit malfunction |
| P1401 | Exhaust gas recirculation (EGR) valve/solenoid, Bank 1 - short to ground |
| P1402 | Exhaust gas recirculation (EGR) valve/solenoid, Bank 1 - short to positive |
| P1403 | Exhaust gas recirculation (EGR) system - control difference |
| P1404 | Exhaust gas recirculation (EGR) system - basic setting |
| P1406 | EGR Temperature Sensor Signal Range Performance |
| P1407 | Exhaust gas recirculation temperature (EGRT) sensor - low input |
| P1408 | Exhaust gas recirculation temperature (EGRT) sensor - high input |
| P1409 | Evaporative emission (EVAP) canister purge valve - circuit malfunction |
| P1410 | Evaporative emission (EVAP) canister purge valve - short to positive |
| P1411 | Secondary air injection (AIR) system, Bank 2 - insufficient flow detected |
| P1412 | EGR Differential Pressure Sensor Signal Too Low |
| P1413 | EGR Differential Pressure Sensor Signal Too High |
| P1414 | Secondary air injection (AIR) system, Bank 2 - leak detected |
| P1415 | Exhaust gas recirculation (EGR) valve position sensor - lower limit exceeded |
| P1416 | Exhaust gas recirculation (EGR) valve position sensor - upper limit exceeded |
| P1417 | Fuel Level Sensor Circuit Signal Too Low |

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| P1418 | Fuel Level Sensor Circuit Signal Too High |
| P1420 | Secondary air injection (AIR) valve/solenoid - circuit malfunction |
| P1421 | Secondary air injection (AIR) valve/solenoid - short to ground |
| P1422 | Secondary air injection (AIR) valve/solenoid - short to positive |
| P1423 | Secondary air injection (AIR) system, Bank 1 - insufficient flow detected |
| P1424 | Secondary air injection (AIR) system, Bank 1 - leak detected |
| P1425 | Evaporative emission (EVAP) canister purge valve - short to ground |
| P1426 | Evaporative emission (EVAP) canister purge valve - open circuit |
| P1427 | Vacuum pump, brakes - short to positive |
| P1428 | Vacuum pump, brakes - short to ground |
| P1429 | Vacuum pump, brakes - open circuit |
| P1430 | Vacuum pump, brakes - open circuit/ short to positive |
| P1431 | Vacuum pump, brakes - open circuit/ short to ground |
| P1432 | Secondary air injection (AIR) valve/solenoid - open circuit |
| P1433 | Secondary air injection (AIR) pump relay - open circuit |
| P1434 | Secondary air injection (AIR) pump relay - short to positive |
| P1435 | Secondary air injection (AIR) pump relay - short to ground |
| P1436 | Secondary air injection (AIR) pump relay - circuit malfunction |
| P1437 | Exhaust gas recirculation (EGR) valve/solenoid, Bank 2 - short to positive |
| P1438 | Exhaust gas recirculation (EGR) valve/solenoid, Bank 2 - open circuit/short to ground |
| P1439 | Exhaust gas recirculation (EGR) valve position sensor - basic setting |
| P1440 | Exhaust gas recirculation (EGR) valve - open circuit |
| P1441 | Exhaust gas recirculation (EGR) valve/solenoid, Bank 1 - open circuit/short to ground |
| P1442 | Exhaust gas recirculation (EGR) valve position sensor - high input |
| P1443 | Exhaust gas recirculation (EGR) valve position sensor - low input |
| P1444 | Exhaust gas recirculation (EGR) valve position sensor - range/performance problem |
| P1445 | Catalyst Temperature Sensor 2 Circuit Range/Performance |
| P1446 | Catalyst Temperature Circuit Short To Ground |
| P1447 | Catalyst Temperature Circuit Open/Short to B+ |
| P1448 | Catalyst Temperature Sensor 2 Circuit Short to Ground |
| P1449 | Catalyst Temperature Sensor 2 Circuit Open/Short to B+ |
| P1450 | Secondary air injection (AIR) system - short to positive |
| P1451 | Secondary air injection (AIR) system - short to ground |
| P1452 | Secondary air injection (AIR) system - open circuit |
| P1453 | Exhaust gas recirculation temperature (EGRT) sensor 1/Bank 1 - open circuit/short to positive |
| P1454 | Exhaust gas recirculation temperature (EGRT) sensor 1/Bank 1 - short to ground |
| P1455 | Exhaust gas recirculation temperature (EGRT) sensor 1/Bank 1 - range/performance problem |
| P1456 | Exhaust gas recirculation temperature (EGRT) control, Bank 1 - control limit reached |
| P1457 | Exhaust gas recirculation temperature (EGRT) sensor 2/Bank 2 - open circuit/short to positive |
| P1458 | Exhaust gas recirculation temperature (EGRT) sensor 2/Bank 2 - short to ground |
| P1459 | Exhaust gas recirculation temperature (EGRT) sensor 2/Bank 2 - range/performance problem |
| P1460 | Exhaust gas recirculation temperature (EGRT) control, Bank 2 - control limit reached |
| P1461 | Exhaust gas recirculation temperature (EGRT) control, Bank 1 - range/performance problem |
| P1462 | Exhaust gas recirculation temperature (EGRT) control, Bank 2 - range/performance problem |
| P1465 | Additive Pump Short Circuit to B+ |
| P1466 | Additive Pump Open/Short to Ground |
| P1467 | EVAP Canister Purge Solenoid Valve Short Circuit to B+ |

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| P1468 | EVAP Canister Purge Solenoid Valve Short Circuit to Ground |
| P1469 | EVAP Canister Purge Solenoid Valve Open Circuit |
| P1470 | EVAP Control System LDP Circuit Electrical Malfunction |
| P1471 | EVAP Control System LDP Circuit Short to Positive |
| P1472 | EVAP Control System LDP Circuit Short To Ground |
| P1473 | EVAP Control System LDP Open Circuit |
| P1474 | EVAP Canister Purge Solenoid Valve Electrical Malfunction |
| P1475 | EVAP Control System LDP Malfunction/Signal Circuit Open |
| P1476 | EVAP Control System LDP Malfunction/Insufficient Vacuum |
| P1477 | EVAP Control System LDP Malfunction |
| P1478 | EVAP Control System LDP Clamped Tube Detected |
| P1479 | Vacuum system, brakes - mechanical fault |
| P1482 | Secondary Air Injection Pump Relay 2 Short To B+ |
| P1483 | Secondary Air Injection Pump Relay 2 Short To Ground |
| P1484 | Secondary Air Injection Pump Relay 2 Electrical Circuit Malfunction |
| P1489 | EVAP Canister Purge Regulator Valve 2 Short To B+ |
| P1490 | EVAP Canister Purge Regulator Valve 2 Short To Ground |
| P1491 | EVAP Canister Purge Regulator Valve 2 Open Circuit |
| P1493 | Low Pressure Pump For Brake Power Too Low |
| P1494 | EVAP canister purge valve 2 – incorrect flow detected |
| P1497 | Secondary Air System Bank 3 Flow Fault |
| P1500 | Fuel pump relay - circuit malfunction |
| P1501 | Fuel pump relay - short to ground |
| P1502 | Fuel pump relay - short to positive |
| P1503 | Alternator load signal |
| P1504 | Intake system - leak detected |
| P1505 | Closed throttle position (CTP) switch - does not close |
| P1506 | Closed throttle position (CTP) switch - does not open |
| P1507 | Idle speed control (ISC) - lower limit reached |
| P1508 | Idle speed control (ISC) - upper limit reached |
| P1509 | Idle air control (IAC) valve - circuit malfunction |
| P1510 | Idle air control (IAC) valve - short to positive |
| P1511 | Intake manifold air control solenoid 1 - current circuit |
| P1512 | Intake manifold air control solenoid 1 - short to positive |
| P1513 | Intake manifold air control solenoid 2 - short to positive |
| P1514 | Intake manifold air control solenoid 2 - short to ground |
| P1515 | Intake manifold air control solenoid 1 - short to ground |
| P1516 | Intake manifold air control solenoid 1 - open circuit |
| P1517 | Engine control relay - circuit malfunction |
| P1518 | Engine control relay - short to positive |
| P1519 | Camshaft position (CMP) control, Bank 1 - malfunction |
| P1520 | Intake manifold air control solenoid 2 - open circuit |
| P1521 | Intake Manifold Changeover Valve 2 Circuit Electrical Malfunction |
| P1522 | Camshaft position (CMP) control, Bank 2 - malfunction |
| P1523 | SRS crash signal received |
| P1524 | Fuel pump relay - open circuit/short to ground |
| P1525 | Camshaft position (CMP) actuator, Bank 1 - circuit malfunction |

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| P1526 | Camshaft position (CMP) actuator, Bank 1 - short to positive |
| P1527 | Camshaft position (CMP) actuator, Bank 1 - short to ground |
| P1528 | Camshaft position (CMP) actuator, Bank 1 - open circuit |
| P1529 | Camshaft position (CMP) actuator - short to positive |
| P1530 | Camshaft position (CMP) actuator - short to ground |
| P1531 | Camshaft position (CMP) actuator - open circuit |
| P1532 | Idle control - lean running speed below specification |
| P1533 | Camshaft position (CMP) actuator, Bank 2 - circuit malfunction |
| P1534 | Camshaft position (CMP) actuator, Bank 2 - short to positive |
| P1535 | Camshaft position (CMP) actuator, Bank 2 - short to ground |
| P1536 | Camshaft position (CMP) actuator, Bank 2 - open circuit |
| P1537 | Fuel shut-off solenoid - malfunction |
| P1538 | Fuel shut-off solenoid - open circuit/short to ground |
| P1539 | Clutch pedal position (CPP) switch - range/performance problem |
| P1540 | Vehicle speed signal - high input |
| P1541 | Fuel pump relay - open circuit |
| P1542 | Throttle motor position sensor 1 - range/performance problem |
| P1543 | Throttle motor position sensor 1 - low input |
| P1544 | Throttle motor position sensor 1 - high input |
| P1545 | Throttle valve control - malfunction |
| P1546 | Turbocharger (TC) wastegate regulating valve - short to positive |
| P1547 | Turbocharger (TC) wastegate regulating valve - short to ground |
| P1548 | Turbocharger (TC) wastegate regulating valve - open circuit |
| P1549 | Turbocharger (TC) wastegate regulating valve - open circuit/short to ground |
| P1550 | Turbocharger (TC) pressure - control difference |
| P1551 | Barometric Pressure Sensor Circuit Short to B+ |
| P1552 | Barometric Pressure Sensor Circuit Open/Short to Ground |
| P1553 | Manifold absolute pressure (MAP) sensor/ barometric pressure (BARO) sensor - range/performance problem |
| P1554 | Throttle control unit - basic setting conditions |
| P1555 | Turbocharger (TC) pressure - upper limit exceeded |
| P1556 | Turbocharger (TC) pressure - control limit not reached |
| P1557 | Turbocharger (TC) pressure - control limit exceeded |
| P1558 | Idle speed control (ISC) actuator/throttle motor - circuit malfunction |
| P1559 | Throttle control unit - basic setting malfunction |
| P1560 | Maximum engine RPM exceeded |
| P1561 | Fuel quantity adjuster - control difference |
| P1562 | Fuel quantity adjuster - upper stop value |
| P1563 | Fuel quantity adjuster - lower stop value |
| P1564 | Throttle control unit - voltage low during basic setting |
| P1565 | Throttle control unit - lower stop not reached |
| P1566 | AC compressor, load signal - implausible signal |
| P1567 | Load Signal from A/C Compressor No Signal |
| P1568 | Throttle control unit - mechanical fault |
| P1569 | Cruise control master switch |
| P1570 | Engine control module (ECM) - immobilizer active |
| P1571 | Engine mounting control solenoid, Bank 2 - short to positive |

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| P1572 | Engine mounting control solenoid, Bank 2 - short to ground |
| P1573 | Engine mounting control solenoid, Bank 2 - open circuit |
| P1575 | Engine mounting control solenoid, Bank 1 - short to positive |
| P1576 | Engine mounting control solenoid, Bank 1 - short to ground |
| P1577 | Engine mounting control solenoid, Bank 1 - open circuit |
| P1579 | Throttle control unit - basic setting |
| P1580 | Throttle motor, Bank 1 - circuit malfunction |
| P1581 | Throttle control unit - basic setting |
| P1582 | Idle speed adaptation - limit reached |
| P1586 | Engine mounting control solenoid, Bank 1 & 2 - short to positive |
| P1589 | AC/heater air temperature control switch - short to ground |
| P1590 | AC/heater air temperature control switch - open circuit |
| P1592 | Barometric pressure (BARO) sensor/manifold absolute pressure (MAP) sensor - implausible ratio |
| P1593 | Altitude adoption - signal outside tolerance |
| P1599 | Idle control - lean running speed above specification |
| P1600 | Engine control module (ECM) - supply voltage low from ignition switch |
| P1601 | Engine control module (ECM) - supply voltage |
| P1602 | Engine control module (ECM) - supply voltage low from battery |
| P1603 | Engine control module (ECM) - defective |
| P1604 | Engine control module (ECM) - defective |
| P1606 | Rough road signal - circuit malfunction |
| P1608 | Power steering pressure (PSP) switch - circuit malfunction |
| P1609 | Engine control module (ECM) - crash switch-off triggered |
| P1610 | Engine control module (ECM) - defective |
| P1611 | Malfunction indicator lamp (MIL) - short to ground |
| P1612 | Engine control module (ECM) - coding |
| P1613 | Malfunction indicator lamp (MIL) - open circuit/short to positive |
| P1615 | Engine oil temperature (EOT) sensor - range/performance problem |
| P1616 | Glow plug warning lamp - short to positive |
| P1617 | Glow plug warning lamp - open circuit/short to ground |
| P1618 | Glow plug relay - short to positive |
| P1619 | Glow plug relay - open circuit/short to ground |
| P1620 | Instrument panel, ECT signal - open circuit/short to positive |
| P1621 | Instrument panel, ECT signal - short to ground |
| P1622 | Instrument panel, ECT signal - implausible signal |
| P1623 | CAN data bus - no signal |
| P1624 | Malfunction indicator lamp (MIL) - request signal active |
| P1625 | CAN data bus, TCM - incorrect signal |
| P1626 | CAN data bus, TCM - no signal |
| P1629 | CAN data bus, cruise control - no signal |
| P1630 | Accelerator pedal position (APP) sensor 1 - low input |
| P1631 | Accelerator pedal position (APP) sensor 1 - high input |
| P1632 | Accelerator pedal position (APP) sensor - supply voltage |
| P1633 | Accelerator pedal position (APP) sensor 2 - low input |
| P1634 | Accelerator pedal position (APP) sensor 2 - high input |
| P1635 | CAN data bus, AC - no signal |
| P1636 | CAN data bus, SRS - no signal |

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| P1637 | CAN data bus, electronic CE - no signal |
| P1639 | Accelerator pedal position (APP) sensor 1/2 - range/performance problem |
| P1640 | Engine control module (ECM) - defective |
| P1642 | SRS control module - system malfunction |
| P1645 | CAN data bus, 4WD - no signal |
| P1648 | CAN data bus - defective |
| P1649 | CAN data bus, ABS - no signal |
| P1650 | CAN data bus, instrumentation - no signal |
| P1652 | Transmission control module (TCM) - system malfunction |
| P1653 | ABS control module - system malfunction |
| P1654 | Instrumentation control module - system malfunction |
| P1656 | AC signal - short to ground |
| P1657 | AC signal - short to positive |
| P1658 | CAN data bus, cruise control - incorrect signal |
| P1659 | Engine coolant blower motor, speed 1 - short to positive |
| P1660 | Engine coolant blower motor, speed 1 - short to ground |
| P1661 | Engine coolant blower motor, speed 2 - short to positive |
| P1662 | Engine coolant blower motor, speed 2 - short to ground |
| P1663 | Injector, activation - short to positive |
| P1664 | Injector, activation - current circuit |
| P1665 | Injector - mechanical fault |
| P1666 | Injector 1 - current circuit |
| P1667 | Injector 2 - current circuit |
| P1668 | Injector 3 - current circuit |
| P1669 | Injector 4 - current circuit |
| P1672 | Engine coolant blower motor, speed 1 - open circuit/short to ground |
| P1674 | CAN data bus, instrumentation - incorrect signal |
| P1676 | ETS warning lamp - circuit malfunction |
| P1677 | ETS warning lamp - short to positive |
| P1678 | ETS warning lamp - short to ground |
| P1679 | ETS warning lamp - open circuit |
| P1680 | Limp-home mode - active |
| P1681 | Engine control module (ECM) - programming incomplete |
| P1682 | CAN data bus, ABS - implausible signal |
| P1683 | CAN data bus, SRS - implausible signal |
| P1690 | Malfunction indicator lamp (MIL) - circuit malfunction |
| P1691 | Malfunction indicator lamp (MIL) - open circuit |
| P1692 | Malfunction indicator lamp (MIL) - short to ground |
| P1693 | Malfunction indicator lamp (MIL) - short to positive |
| P1696 | CAN data bus, steering column electronics - incorrect signal |
| P1698 | Check DTC Memory Of Steering Column ECU |
| P1699 | Engine control module (ECM) – programmed for cruise control |
| P1740 | Clutch Temperature Monitoring |
| P1745 | Solenoid valves, supply voltage – short to positive |
| P1746 | TCM/solenoid valves, supply voltage – circuit malfunction |
| P1747 | Solenoid valves, supply voltage – open circuit/short to ground |
| P1748 | Transmission control module (TCM) – defective |

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| P1750 | Transmission control module (TCM) – supply voltage low |
| P1751 | Transmission control module (TCM) – supply voltage high |
| P1851 | CAN data bus, ABS - incorrect signal |
| P1853 | CAN data bus, ABS - incorrect signal |
| P1854 | CAN data bus, ABS - defective |
| P1857 | Load Signal Error Message From ECU |
| P1900 | Engine coolant blower motor, speed 2 - open circuit/short to ground |
| P1901 | Engine coolant blower motor run-on relay - short to positive |
| P1902 | Engine coolant blower motor run-on relay - open circuit/short to ground |
| P1903 | Engine coolant hydraulic blower motor solenoid - short to positive |
| P1904 | Engine coolant hydraulic blower motor solenoid - open circuit/short to ground |
| P1905 | Charge air coolant pump relay - short to positive |
| P1906 | Charge air coolant pump relay - open circuit/short to ground |
| P1907 | Data bus, ECM 1/2 - defective |
| P1908 | Data bus, ECM 1/2 - software version monitoring |
| P1909 | Data bus, ECM 1/2 - no signal from ECM 1 |
| P1910 | Data bus, ECM 1/2 - no signal from ECM 2 |
| P1911 | Data bus, ECM 1/2 - circuit malfunction |
| P1912 | Brake servo pressure sensor - open circuit/short to positive |
| P1913 | Brake servo pressure sensor - short to ground |
| P1914 | Brake servo pressure sensor - range/performance problem |
| P1920 | Engine mounting control solenoid, Bank 1 & 2 - open circuit/short to ground |
| P1923 | Engine control module (ECM) 2 - malfunction |
| P1951 | Radiator Fan 2 Movement Restricted / Jammed |
| P1952 | Turbocharger Control Module 1 Defective |
| P1953 | Turbocharger Control Module 2 Defective |
| P1996 | Friction Too High Intake Camshaft Adjustment Bank 1 |
| P1997 | Friction Too High Exhaust Camshaft Adjustment Bank 1 |
| P1998 | Friction Too High Intake Camshaft Adjustment Bank 2 |
| P1999 | Friction Too High Exhaust Camshaft Adjustment Bank 2 |