

VW OBDII DTC

P1023	Fuel pressure control valve - short to earth
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 earth
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
P1037	Nitrogen oxides (NOX) heater sensor - short to , earth
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 earth
P1050	Camshaft position (CMP) actuator, exhaust/right/rear, bank 1 - 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 earth
P1068	Intake manifold air control solenoid - open circuit
P1069	Nitrogen oxides (NOX) sensor - heater control - short to earth
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
P1093	Mixture control (MC), bank 1 - malfunction
P1101	O2 Sensor Circ.,Bank1-Sensor1 Voltage too Low/Air Leak
P1102	O2 Sensor Heating Circ.,Bank1-Sensor1 Short to B+
P1103	O2 Sensor Heating Circ.,Bank1-Sensor1 Output too Low

P1104 Bank1-Sensor2 Voltage too Low/Air Leak
P1105 O2 Sensor Heating Circ.,Bank1-Sensor2 Short to B+
P1106 O2 Sensor Circ.,Bank2-Sensor1 Voltage too Low/Air Leak
P1107 O2 Sensor Heating Circ.,Bank2-Sensor1 Short to B+
P1108 O2 Sensor Heating Circ.,Bank2-Sensor1 Output too Low
P1109 O2 Sensor Circ.,Bank2-Sensor2 Voltage too Low/Air Leak
P1110 O2 Sensor Heating Circ.,Bank2-Sensor2 Short to B+
P1111 O2 Control (Bank 1) System too lean
P1112 O2 Control (Bank 1) System too rich
P1113 Bank1-Sensor1 Internal Resistance too High
P1114 Bank1-Sensor2 Internal Resistant too High
P1115 O2 Sensor Heater Circ.,Bank1-Sensor1 Short to Ground
P1116 O2 Sensor Heater Circ.,Bank1-Sensor1 Open
P1117 O2 Sensor Heater Circ.,Bank1-Sensor2 Short to Ground
P1118 O2 Sensor Heater Circ.,Bank1-Sensor2 Open
P1119 O2 Sensor Heater Circ.,Bank2-Sensor1 Short to Ground
P1120 O2 Sensor Heater Circ.,Bank2-Sensor1 Open
P1121 O2 Sensor Heater Circ.,Bank2-Sensor2 Short to Ground
P1122 O2 Sensor Heater Circ.,Bank2-Sensor2 Open
P1123 Long Term Fuel Trim Add.Air.,Bank1 System too Rich
P1124 Long Term Fuel Trim Add.Air.,Bank1 System too Lean
P1125 Long Term Fuel Trim Add.Air.,Bank2 System too Rich
P1126 Long Term Fuel Trim Add.Air.,Bank2 System too Lean
P1127 Long Term Fuel Trim mult.,Bank1 System too Rich
P1128 Long Term Fuel Trim mult.,Bank1 System too Lean
P1129 Long Term Fuel Trim mult.,Bank2 System too Rich
P1130 Long Term Fuel Trim mult.,Bank2 System too Lean
P1131 Bank2-Sensor1 Internal Rsistance too High
P1132 O2 Sensor Heating Circ.,Bank1+2-Sensor1 Short to B+
P1133 O2 Sensor Heating Circ.,Bank1+2-Sensor1 Electrical Malfunction
P1134 O2 Sensor Heating Circ.,Bank1+2-Sensor2 Short to B+
P1135 O2 Sensor Heating Circ.,Bank1+2-Sensor2 Electrical Malfunction
P1136 Long Term Fuel Trim Add.Fuel,Bank1 System too Lean
P1137 Long Term Fuel Trim Add.Fuel,Bank1 System too Rich
P1138 Long Term Fuel Trim Add.Fuel,Bank2 System too Lean
P1139 Long Term Fuel Trim Add.Fuel,Bank2 System too Rich
P1140 Bank2-Sensor2 Internal Resistance too High
P1141 Load Calculation Cross Check Range/Performance
P1142 Load Calculation Cross Check Lower Limit Exceeded
P1143 Load Calculation Cross Check Upper Limit Exceeded
P1144 Mass or Volume Air Flow Circ Open/Short to Ground
P1145 Mass or Volume Air Flow Circ Short to B+
P1146 Mass or Volume Air Flow Circ Supply Malfunction
P1147 O2 Control (Bank 2) System too lean

P1148 O2 Control (Bank 2) System too rich
P1149 O2 Control (Bank 1) Out of range
P1150 O2 Control (Bank 2) Out of range
P1151 Bank1, Long Term Fuel Trim, Range 1 Leanness Lower Limit Exceeded
P1152 Bank1, Long Term Fuel Trim, Range 2 Leanness Lower Limit Exceeded
P1153 Heated oxygen sensor (HO2S) 2, banks 1 & 2 'interchanged
P1154 Manifold Switch Over Malfunction
P1155 Manifold Abs.Pressure Sensor Circ. Short to B+
P1156 Manifold Abs.Pressure Sensor Circ. Open/Short to Ground
P1157 Manifold Abs.Pressure Sensor Circ. Power Supply Malfunction
P1158 Manifold Abs.Pressure Sensor Circ. Range/Performance
P1159 Mass air flow (MAF) sensor, banks 1 & 2 - implausible ratio
P1160 Manifold Temp.Sensor Circ. Short to Ground
P1161 Manifold Temp.Sensor Circ. Open/Short to B+
P1162 Fuel Temp.Sensor Circ. Short to Ground
P1163 Fuel Temp.Sensor Circ. Open/Short to B+
P1164 Fuel Temperature Sensor Range/Performance/Incorrect Signal
P1165 Bank1, Long Term Fuel Trim, Range 1 Rich Limit Exceeded
P1166 Bank1, Long Term Fuel Trim, Range 2 Rich Limit Exceeded
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 Actuation Potentiometer Sign.2 Range/Performance
P1172 Throttle Actuation Potentiometer Sign.2 Signal too Low
P1173 Throttle Actuation Potentiometer Sign.2 Signal too High
P1174 Fuel Trim, Bank 1 Different injection times
P1176 O2 Correction Behind Catalyst,B1 Limit Attained
P1177 O2 Correction Behind Catalyst,B2 Limit Attained
P1178 Linear O2 Sensor / Pump Current Open Circuit
P1179 Linear O2 Sensor / Pump Current Short to ground
P1180 Linear O2 Sensor / Pump Current Short to B+
P1181 Linear O2 Sensor / Reference Voltage Open Circuit
P1182 Linear O2 Sensor / Reference Voltage Short to ground
P1183 Linear O2 Sensor / Reference Voltage Short to B+
P1184 Linear O2 Sensor / Common Ground Wire Open Circuit
P1185 Linear O2 Sensor / Common Ground Wire Short to ground
P1186 Linear O2 Sensor / Common Ground Wire Short to B+
P1187 Linear O2 Sensor / Compens. Resistor Open Circuit
P1188 Linear O2 Sensor / Compens. Resistor Short to ground
P1189 Linear O2 Sensor / Compens. Resistor Short to B+
P1190 Linear O2 Sensor / Reference Voltage Incorrect Signal
P1191 Heated oxygen sensor (HO2S) 1, banks 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 earth
P1196 O2 Sensor Heater Circ.,Bank1-Sensor1 Electrical Malfunction
P1197 O2 Sensor Heater Circ.,Bank2-Sensor1 Electrical Malfunction
P1198 O2 Sensor Heater Circ.,Bank1-Sensor2 Electrical Malfunction
P1199 O2 Sensor Heater Circ.,Bank2-Sensor2 Electrical Malfunction
P1201 Cyl.1-Fuel Inj.Circ. Electrical Malfunction
P1202 Cyl.2-Fuel Inj.Circ. Electrical Malfunction
P1203 Cyl.3-Fuel Inj.Circ. Electrical Malfunction
P1204 Cyl.4-Fuel Inj.Circ. Electrical Malfunction
P1205 Cyl.5-Fuel Inj.Circ. Electrical Malfunction
P1206 Cyl.6-Fuel Inj.Circ. Electrical Malfunction
P1207 Cyl.7-Fuel Inj.Circ. Electrical Malfunction
P1208 Cyl.8-Fuel Inj.Circ. Electrical 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 Cyl.1-Fuel Inj.Circ. Short to B+
P1214 Cyl.2-Fuel Inj.Circ. Short to B+
P1215 Cyl.3-Fuel Inj.Circ. Short to B+
P1216 Cyl.4-Fuel Inj.Circ. Short to B+
P1217 Cyl.5-Fuel Inj.Circ. Short to B+
P1218 Cyl.6-Fuel Inj.Circ. Short to B+
P1219 Cyl.7-Fuel Inj.Circ. Short to B+
P1220 Cyl.8-Fuel Inj.Circ. Short to B+
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 Cyl.1-Fuel Inj.Circ. Short to Ground
P1226 Cyl.2-Fuel Inj.Circ. Short to Ground
P1227 Cyl.3-Fuel Inj.Circ. Short to Ground
P1228 Cyl.4-Fuel Inj.Circ. Short to Ground
P1229 Cyl.5-Fuel Inj.Circ. Short to Ground
P1230 Cyl.6-Fuel Inj.Circ. Short to Ground
P1231 Cyl.7-Fuel Inj.Circ. Short to Ground
P1232 Cyl.8-Fuel Inj.Circ. Short to Ground
P1237 Cyl.1-Fuel Inj.Circ. Open Circ.
P1238 Cyl.2-Fuel Inj.Circ. Open Circ.
P1239 Cyl.3-Fuel Inj.Circ. Open Circ.
P1240 Cyl.4-Fuel Inj.Circ. Open Circ.
P1241 Cyl.5-Fuel Inj.Circ. Open Circ.
P1242 Cyl.6-Fuel Inj.Circ. Open Circ.
P1243 Cyl.7-Fuel Inj.Circ. Open Circ.

P1244 Cyl.8-Fuel Inj.Circ. Open Circ.
P1245 Needle Lift Sensor Circ. Short to Ground
P1246 Needle Lift Sensor Circ. Range/Performance
P1247 Needle Lift Sensor Circ. Open/Short to B+
P1248 Injection Start Control Deviation
P1249 Fuel consumption signal Electrical Fault in Circuit
P1250 Fuel Level Too Low
P1251 Start of Injection Solenoid Circ Short to B+
P1252 Start of Injection Solenoid Circ Open/Short to Ground
P1253 Fuel consumption signal Short to ground
P1254 Fuel consumption signal Short to B+
P1255 Engine Coolant Temp.Circ Short to Ground
P1256 Engine Coolant Temp.Circ Open/Short to B+
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 earth
P1280 Fuel Inj.Air Contr.Valve Circ. Flow too Low
P1281 Fuel metering solenoid - short to earth
P1282 Fuel metering solenoid - open circuit
P1283 Fuel Inj.Air Contr.Valve Circ. Electrical Malfunction
P1284 Fuel Inj.Air Contr.Valve Circ. Open
P1285 Fuel Inj.Air Contr.Valve Circ. Short to Ground
P1286 Fuel Inj.Air Contr.Valve Circ. Short to B+
P1287 Turbocharger bypass valve open
P1288 Turbocharger bypass valve short to B+
P1289 Turbocharger bypass valve short to ground
P1290 Engine coolant temperature (ECT) sensor, ECM controlled cooling system - high input
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 earth
P1295 Turbocharger (TC), bypass - flow malfunction
P1296 Cooling system malfunction
P1297 Connection turbocharger - throttle valve pressure hose
P1299 Fuel metering solenoid - circuit malfunction
P1300 Misfire detected Reason: Fuel level too low
P1319 Knock Sensor 1 Circ. Short to Ground
P1320 Knock Sensor 2 Circ. Short to Ground
P1321 Knock Sensor 3 Circ. Low Input
P1322 Knock Sensor 3 Circ. High Input
P1323 Knock Sensor 4 Circ. Low Input
P1324 Knock Sensor 4 Circ. High Input
P1325 Cyl.1-Knock Contr. Limit Attained
P1326 Cyl.2-Knock Contr. Limit Attained
P1327 Cyl.3-Knock Contr. Limit Attained
P1328 Cyl.4-Knock Contr. Limit Attained
P1329 Cyl.5-Knock Contr. Limit Attained
P1330 Cyl.6-Knock Contr. Limit Attained
P1331 Cyl.7-Knock Contr. Limit Attained
P1332 Cyl.8-Knock Contr. Limit Attained
P1335 Engine Torque Monitoring 2 Control Limint Exceeded
P1336 Engine Torque Monitoring Adaptation at limit
P1337 Camshaft Pos.Sensor,Bank1 Short to Ground
P1338 Camshaft Pos.Sensor,Bank1 Open Circ./Short to B+
P1339 Crankshaft Pos./Engine Speed Sensor Cross Connected
P1340 Crankshaft-/Camshaft Pos.Sens.Signals Out of Sequence
P1341 Ignition Coil Power Output Stage 1 Short to Ground
P1342 Ignition Coil Power Output Stage 1 Short to B+
P1343 Ignition Coil Power Output Stage 2 Short to Ground
P1344 Ignition Coil Power Output Stage 2 Short to B+
P1345 Ignition Coil Power Output Stage 3 Short to Ground
P1346 Ignition Coil Power Output Stage 3 Short to B+
P1347 Bank2,Crankshaft-/Camshaft os.Sens.Sign. Out of Sequence
P1348 Ignition Coil Power Output Stage 1 Open Circuit
P1349 Ignition Coil Power Output Stage 2 Open Circuit
P1350 Ignition Coil Power Output Stage 3 Open Circuit
P1351 Camshaft position (CMP) sensor, bank 1 - range/performance problem
P1354 Modulation Piston Displ.Sensor Circ. Malfunction
P1355 Cyl. 1, ignition circuit Open Circuit
P1356 Cyl. 1, ignition circuit Short to B+
P1357 Cyl. 1, ignition circuit Short to ground
P1358 Cyl. 2, ignition circuit Open Circuit
P1359 Cyl. 2, ignition circuit Short Circuit to B+
P1360 Cyl. 2, ignition circuit Short Circuit to Ground

P1361 Cyl. 3, ignition circuit Open Circuit
P1362 Cyl. 3, ignition circuit Short Circuit to B+
P1363 Cyl. 3, ignition circuit Short Circuit to ground
P1364 Cyl. 4 ignition circuit Open Circuit
P1365 Cyl. 4 ignition circuit Short circuit to B+
P1366 Cyl. 4 ignition circuit Short circuit to ground
P1367 Cyl. 5, ignition circuit Open Circuit
P1368 Cyl. 5, ignition circuit Short Circuit to B+
P1369 Cyl. 5, ignition circuit short to ground
P1370 Cyl. 6, ignition circuit Open Circuit
P1371 Cyl. 6, ignition circuit Short Circuit to B+
P1372 Cyl. 6, ignition circuit short to ground
P1373 Cyl. 7, ignition circuit Open Circuit
P1374 Cyl. 7, ignition circuit Short Circuit to B+
P1375 Cyl. 7, ignition circuit short to ground
P1376 Cyl. 8, ignition circuit Open Circuit
P1377 Cyl. 8, ignition circuit Short Circuit to B+
P1378 Cyl. 8, ignition circuit short to ground
P1385 Engine control module (ECM) - defective
P1386 Internal Control Module Knock Control Circ.Error
P1387 Internal Contr. Module altitude sensor error
P1388 Internal Contr. Module drive by wire error
P1389 Engine control module (ECM) 2 - defective
P1391 Camshaft Pos.Sensor,Bank2 Short to Ground
P1392 Camshaft Pos.Sensor,Bank2 Open Circ./Short to B+
P1393 Ignition Coil Power Output Stage 1 Electrical Malfunction
P1394 Ignition Coil Power Output Stage 2 Electrical Malfunction
P1395 Ignition Coil Power Output Stage 3 Electrical Malfunction
P1396 Engine Speed Sensor Missing Tooth
P1397 Engine speed wheel Adaptation limit reached
P1398 Engine RPM signal, TD Short to ground
P1399 Engine RPM signal, TD Short Circuit to B+
P1400 EGR Valve Circ Electrical Malfunction
P1401 EGR Valve Circ Short to Ground
P1402 EGR Valve Circ Short to B+
P1403 EGR Flow Deviation
P1404 EGR Flow Basic Setting not carried out
P1406 EGR Temp.Sensor Range/Performance
P1407 EGR Temp.Sensor Signal too Low
P1408 EGR Temp.Sensor Signal too High
P1409 Tank Ventilation Valve Circ. Electrical Malfunction
P1410 Tank Ventilation Valve Circ. Short to B+
P1411 Sec.Air Inj.Sys.,Bank2 Flow too Flow
P1412 EGR Different.Pressure Sensor Signal too Low

P1413 EGR Different.Pressure Sensor Signal too High
P1414 Sec.Air Inj.Sys.,Bank2 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 Circ Signal too Low
P1418 Fuel Level Sensor Circ Signal too High
P1420 Sec.Air Inj.Valve Circ Electrical Malfunction
P1421 Sec.Air Inj.Valve Circ Short to Ground
P1422 Sec.Air Inj.Sys.Contr.Valve Circ Short to B+
P1423 Sec.Air Inj.Sys.,Bank1 Flow too Low
P1424 Sec.Air Inj.Sys.,Bank1 Leak Detected
P1425 Tank Vent.Valve Short to Ground
P1426 Tank Vent.Valve Open
P1427 Vacuum pump, brakes - short to positive
P1428 Vacuum pump, brakes - short to earth
P1429 Vacuum pump, brakes - open circuit
P1430 Vacuum pump, brakes - open circuit/short to positive
P1431 Vacuum pump, brakes - open circuit/short to earth
P1432 Sec.Air Inj.Valve Open
P1433 Sec.Air Inj.Sys.Pump Relay Circ. open
P1434 Sec.Air Inj.Sys.Pump Relay Circ. Short to B+
P1435 Sec.Air Inj.Sys.Pump Relay Circ. Short to ground
P1436 Sec.Air Inj.Sys.Pump Relay Circ. Electrical 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 earth
P1439 EGR Potentiometer Error in Basic Seting
P1440 EGR Valve Power Stage Open
P1441 EGR Valve Circ Open/Short to Ground
P1442 EGR Valve Position Sensor Signal too high
P1443 EGR Valve Position Sensor Signal too low
P1444 EGR Valve Position Sensor range/performance
P1445 Catalyst Temp.Sensor 2 Circ. Range/Performance
P1446 Catalyst Temp.Circ Short to Ground
P1447 Catalyst Temp.Circ Open/Short to B+
P1448 Catalyst Temp.Sensor 2 Circ. Short to Ground
P1449 Catalyst Temp.Sensor 2 Circ. Open/Short to B+
P1450 Sec.Air Inj.Sys.Circ Short to B+
P1451 Sec.Air Inj.Sys.Circ Short to Ground
P1452 Sec.Air Inj.Sys. Open Circ.
P1453 Exhaust gas temperature sensor 1 open/short to B+
P1454 Exhaust gas temperature sensor short 1 to ground
P1455 Exhaust gas temperature sensor 1 range/performance
P1456 Exhaust gas temperature control bank 1 limit attained
P1457 Exhaust gas temperature sensor 2 open/short to B+

P1458 Exhaust gas temperature sensor 2 short to ground
P1459 Exhaust gas temperature sensor 2 range/performance
P1460 Exhaust gas temperature control bank 2 limit attained
P1461 Exhaust gas temperature control bank 1 Range/Performance
P1462 Exhaust gas temperature control bank 2 Range/Performance
P1465 Additive Pump Short Circuit to B+
P1466 Additive Pump Open/Short to Ground
P1467 EVAP Canister Purge Solenoid Valve Short Circuit to B+
P1468 EVAP Canister Purge Solenoid Valve Short Circuit to Ground
P1469 EVAP Canister Purge Solenoid Valve Open Circuit
P1470 EVAP Emission Contr.LDP Circ Electrical Malfunction
P1471 EVAP Emission Contr.LDP Circ Short to B+
P1472 EVAP Emission Contr.LDP Circ Short to Ground
P1473 EVAP Emission Contr.LDP Circ Open Circ.
P1474 EVAP Canister Purge Solenoid Valve electrical malfunction
P1475 EVAP Emission Contr.LDP Circ Malfunction/Signal Circ.Open
P1476 EVAP Emission Contr.LDP Circ Malfunction/Insufficient Vacuum
P1477 EVAP Emission Contr.LDP Circ Malfunction
P1478 EVAP Emission Contr.LDP Circ Clamped Tube Detected
P1479 Vacuum system, brakes - mechanical fault
P1500 Fuel Pump Relay Circ. Electrical Malfunction
P1501 Fuel Pump Relay Circ. Short to Ground
P1502 Fuel Pump Relay Circ. Short to B+
P1503 Load signal from Alternator Term. DF Range/performance/Incorrect Signal
P1504 Intake Air Sys.Bypass Leak Detected
P1505 Closed Throttle Pos. Does Not Close/Open Circ
P1506 Closed Throttle Pos.Switch Does Not Open/Short to Ground
P1507 Idle Sys.Learned Value Lower Limit Attained
P1508 Idle Sys.Learned Value Upper Limit Attained
P1509 Idle Air Control Circ. Electrical Malfunction
P1510 Idle Air Control Circ. Short to B+
P1511 Intake Manifold Changeover Valve circuit electrical malfunction
P1512 Intake Manifold Changeover Valve circuit Short to B+
P1513 Intake Manifold Changeover Valve2 circuit Short to B+
P1514 Intake Manifold Changeover Valve2 circuit Short to ground
P1515 Intake Manifold Changeover Valve circuit Short to Ground
P1516 Intake Manifold Changeover Valve circuit Open
P1517 Main Relay Circ. Electrical Malfunction
P1518 Main Relay Circ. Short to B+
P1519 Intake Camshaft Contr.,Bank1 Malfunction
P1520 Intake Manifold Changeover Valve2 circuit Open
P1521 Intake Manifold Changeover Valve2 circuit electrical malfunction
P1522 Intake Camshaft Contr.,Bank2 Malfunction
P1523 Crash Signal from Airbag Control Unit range/performance

P1524 Fuel pump relay - open circuit/short to earth
P1525 Intake Camshaft Contr.Circ.,Bank1 Electrical Malfunction
P1526 Intake Camshaft Contr.Circ.,Bank1 Short to B+
P1527 Intake Camshaft Contr.Circ.,Bank1 Short to Ground
P1528 Intake Camshaft Contr.Circ.,Bank1 Open
P1529 Camshaft Control Circuit Short to B+
P1530 Camshaft Control Circuit Short to ground
P1531 Camshaft Control Circuit open
P1532 Idle control - lean running speed below specification
P1533 Intake Camshaft Contr.Circ.,Bank2 Electrical Malfunction
P1534 Intake Camshaft Contr.Circ.,Bank2 Short to B+
P1535 Intake Camshaft Contr.Circ.,Bank2 Short to Ground
P1536 Intake Camshaft Contr.Circ.,Bank2 Open
P1537 Engine Shutoff Solenoid Malfunction
P1538 Engine Shutoff Solenoid Open/Short to Ground
P1539 Clutch Vacuum Vent Valve Switch Incorrect signal
P1540 Vehicle Speed Sensor High Input
P1541 Fuel Pump Relay Circ Open
P1542 Throttle Actuation Potentiometer Range/Performance
P1543 Throttle Actuation Potentiometer Signal too Low
P1544 Throttle Actuation Potentiometer Signal too High
P1545 Throttle Pos.Contr Malfunction
P1546 Boost Pressure Contr.Valve Short to B+
P1547 Boost Pressure Contr.Valve Short to Ground
P1548 Boost Pressure Contr.Valve Open
P1549 Boost Pressure Contr.Valve Short to Ground
P1550 Charge Pressure Deviation
P1551 Barometric Pressure Sensor Circ. Short to B+
P1552 Barometric Pressure Sensor Circ. Open/Short to Ground
P1553 Barometric/manifold pressure signal ratio out of range
P1554 Idle Speed Contr.Throttle Pos. Basic Setting Conditions not met
P1555 Charge Pressure Upper Limit exceeded
P1556 Charge Pressure Contr. Negative Deviation
P1557 Charge Pressure Contr. Positive Deviation
P1558 Throttle Actuator Electrical Malfunction
P1559 Idle Speed Contr.Throttle Pos. Adaptation Malfunction
P1560 Maximum Engine Speed Exceeded
P1561 Quantity Adjuster Deviation
P1562 Quantity Adjuster Upper Limit Attained
P1563 Quantity Adjuster Lower Limit Attained
P1564 Idle Speed Contr.Throttle Pos. Low Voltage During Adaptation
P1565 Idle Speed Control Throttle Position lower limit not attained
P1566 Load signal from A/C compressor range/performance
P1567 Load signal from A/C compressor no signal

P1568 Idle Speed Contr.Throttle Pos. mechanical Malfunction
P1569 Cruise control switch Incorrect signal
P1570 Contr.Module Locked
P1571 Left Eng. Mount Solenoid Valve Short to B+
P1572 Left Eng. Mount Solenoid Valve Short to ground
P1573 Left Eng. Mount Solenoid Valve Open circuit
P1574 Left Eng. Mount Solenoid Valve Electrical fault in circuit
P1575 Right Eng. Mount Solenoid Valve Short to B+
P1576 Right Eng. Mount Solenoid Valve Short to ground
P1577 Right Eng. Mount Solenoid Valve Open circuit
P1578 Right Eng. Mount Solenoid Valve Electrical fault in circuit
P1579 Idle Speed Contr.Throttle Pos. Adaptation not started
P1580 Throttle Actuator B1 Malfunction
P1581 Idle Speed Contr.Throttle Pos. Basic Setting Not Carried Out
P1582 Idle Adaptation at Limit
P1583 Transmission mount valves Short to B+
P1584 Transmission mount valves Short to ground
P1585 Transmission mount valves Open circuit
P1586 Engine mount solenoid valves Short to B+
P1587 Engine mount solenoid valves Short to ground
P1588 Engine mount solenoid valves Open circuit
P1589 AC/heater air temperature control switch - short to earth
P1590 AC/heater air temperature control switch - open circuit
P1592 Barometric pressure (BARO) sensor/manifold absolute pressure (MAP) sensor -- implausible ratio
P1593 Altitude adaption - signal outside tolerance
P1599 Idle control - lean running speed above specification
P1600 Power Supply (B+) Terminal 15 Low Voltage
P1601 Engine control module (ECM) - supply voltage
P1602 Power Supply (B+) Terminal 30 Low Voltage
P1603 Internal Control Module Malfunction
P1604 Internal Control Module Driver Error
P1605 Rough Road/Acceleration Sensor Electrical Malfunction
P1606 Rough Road Spec Engine Torque ABS-ECU Electrical Malfunction
P1607 Vehicle speed signal Error message from instrument cluster
P1608 Steering angle signal Error message from steering angle sensor
P1609 Crash shut-down activated
P1610 Engine control module (ECM) - defective
P1611 MIL Call-up Circ./Transm.Contr.Module Short to Ground
P1612 Electronic Control Module Incorrect Coding
P1613 MIL Call-up Circ Open/Short to B+
P1614 MIL Call-up Circ./Transm.Contr.Module Range/Performance
P1615 Engine Oil Temperature Sensor Circuit range/performance
P1616 Glow Plug/Heater Indicator Circ. Short to B+

P1617 Glow Plug/Heater Indicator Circ. Open/Short to Ground
P1618 Glow Plug/Heater Relay Circ. Short to B+
P1619 Glow Plug/Heater Relay Circ. Open/Short to Ground
P1620 Engine coolant temperature signal open/short to B+
P1621 Engine coolant temperature signal short to ground
P1622 Engine coolant temperature signal range/performance
P1623 Data Bus Powertrain No Communication
P1624 MIL Request Sign.active
P1625 Data-Bus Powertrain Unplausible Message from Transm.Contr.
P1626 Data-Bus Powertrain Missing Message from Transm.Contr.
P1627 Data-Bus Powertrain missing message from fuel injection pump
P1628 Data-Bus Powertrain missing message from steering sensor
P1629 Data-Bus Powertrain missing message from distance control
P1630 Accelera.Pedal Pos.Sensor 1 Signal too Low
P1631 Accelera.Pedal Pos.Sensor 1 Signal too High
P1632 Accelera.Pedal Pos.Sensor 1 Power Supply Malfunction
P1633 Accelera.Pedal Pos.Sensor 2 Signal too Low
P1634 Accelera.Pedal Pos.Sensor 2 Signal too High
P1635 Data Bus Powertrain missing message f.air condition control
P1636 Data Bus Powertrain missing message from Airbag control
P1637 Data Bus Powertrain missing message f.central electr.control
P1638 Data Bus Powertrain missing message from clutch control
P1639 Accelera.Pedal Pos.Sensor 1+2 Range/Performance
P1640 Internal Contr.Module (EEPROM) Error
P1641 Please check DTC Memory of Air Condition ECU
P1642 Please check DTC Memory of Airbag ECU
P1643 Please check DTC Memory of central electric ECU
P1644 Please check DTC Memory of clutch ECU
P1645 Data Bus Powertrain missing message f.all wheel drive contr.
P1646 Please Check DTC Memory of all wheel drive ECU
P1647 Please check coding of ECUs in Data Bus Powertrain
P1648 Data Bus Powertrain Malfunction
P1649 Data Bus Powertrain Missing message from ABS Control Module
P1650 Data Bus Powertrain Missing message fr.instrument panel ECU
P1651 Data Bus Powertrain missing messages
P1652 Please check DTC Memory of transmission ECU
P1653 Please check DTC Memory of ABS Control Module
P1654 Please check DTC Memory of control panel ECU
P1655 Please check DTC Memory of ADR Control Module
P1656 A/C clutch relay circuit short to ground
P1657 A/C clutch relay circuit short to B+
P1658 Data Bus Powertrain Incorrect signal from ADR Control Module
P1659 Engine coolant blower motor, speed 1 - short to positive
P1660 Engine coolant blower motor, speed 1 - short to earth

P1661 Engine coolant blower motor, speed 2 - short to positive
P1662 Engine coolant blower motor, speed 2 - short to earth
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 earth
P1674 CAN data bus, instrumentation - incorrect signal
P1676 Drive by Wire-MIL Circ. Electrical Malfunction
P1677 Drive by Wire-MIL Circ. Short to B+
P1678 Drive by Wire-MIL Circ. Short to Ground
P1679 Drive by Wire-MIL Circ. Open
P1680 Limp-home mode - active
P1681 Contr.Unit Programming, Programming not Finished
P1682 CAN data bus, ABS - implausible signal
P1683 CAN data bus, SRS - implausible signal
P1684 Contr.Unit Programming Communication Error
P1686 Contr.Unit Error Programming Error
P1690 Malfunction Indication Light Malfunction
P1691 Malfunction Indication Light Open
P1692 Malfunction Indication Light Short to Ground
P1693 Malfunction Indication Light Short to B+
P1694 Malfunction Indication Light Open/Short to Ground
P1696 CAN data bus, steering column electronics - incorrect signal
P1704 Kick Down Switch Malfunction
P1705 Gear/Ratio Monitoring Adaptation limit reached
P1711 Wheel Speed Signal 1 Range/Performance
P1716 Wheel Speed Signal 2 Range/Performance
P1721 Wheel Speed Signal 3 Range/Performance
P1723 Starter Interlock Circ. Open
P1724 Starter Interlock Circ. Short to Ground
P1726 Wheel Speed Signal 4 Range/Performance
P1728 Different Wheel Speed Signals Range/Performance
P1729 Starter Interlock Circ. Short to B+
P1730 Tiptronic switch, R-F189 short to earth
P1733 Tiptronic Switch Down Circ. Short to Ground
P1739 Tiptronic Switch up Circ. Short to Ground
P1740 Clutch temperature control
P1741 Clutch pressure adaptation at limit
P1742 Clutch torque adaptation at limit
P1743 Clutch slip control signal too high

P1744 Tiptronic Switch Recognition Circ. Short to Ground
P1745 Solenoid valves ,supply voltage Short to B+
P1746 Transm.Contr.Unit Relay Malfunction
P1747 Transm.Contr.Unit Relay Open/Short to Ground
P1748 Transm.Contr.Unit Self-Check
P1749 Transm.Contr.Unit Incorrect Coded
P1750 Power Supply Voltage Low Voltage
P1751 Power Supply Voltage High Voltage
P1752 Power Supply Malfunction
P1760 Shift Lock Malfunction
P1761 Shift Lock Short to Ground
P1762 Shift Lock Short to B+
P1763 Shift Lock Open
P1764 Transmission temperature control
P1765 Hydraulic Pressure Sensor 2 adaptation at limit
P1766 Throttle Angle Signal Stuck Off
P1767 Throttle Angle Signal Stuck On
P1768 Hydraulic Pressure Sensor 2 Too High
P1769 Hydraulic Pressure Sensor 2 Too Low
P1770 Load Signal Range/Performance
P1771 Load Signal Stuck Off
P1772 Load Signal Stuck On
P1773 Hydraulic Pressure Sensor 1 Too High
P1774 Hydraulic Pressure Sensor 1 Too Low
P1775 Hydraulic Pressure Sensor 1 adaptation at limit
P1776 Hydraulic Pressure Sensor 1 range/performance
P1777 Hydraulic Pressure Sensor 2 range/performance
P1778 Solenoid EV7 Electrical Malfunction
P1781 Engine Torque Reduction Open/Short to Ground
P1782 Engine Torque Reduction Short to B+
P1784 Shift up/down Wire Open/Short to Ground
P1785 Shift up/down Wire Short to B+
P1786 Reversing Light Circ. Open
P1787 Reversing Light Circ. Short to Ground
P1788 Reversing Light Circ. Short to B+
P1789 Idle Speed Intervention Circ. Error Message from Engine Contr.
P1790 Transmission Range Display Circ. Open
P1791 Transmission Range Display Circ. Short to Ground
P1792 Transmission Range Display Circ. Short to B+
P1793 Output Speed Sensor 2 Circ. No Signal
P1795 Vehicle Speed Signal Circ. Open
P1796 Vehicle Speed Signal Circ. Short to Ground
P1797 Vehicle Speed Signal Circ. Short to B+
P1798 Output Speed Sensor 2 Circ. Range/Performance

P1799 Output Speed Sensor 2 Circ. Rpm too High
P1813 Pressure Contr.Solenoid 1 Electrical
P1814 Pressure Contr.Solenoid 1 Open/Short to Ground
P1815 Pressure Contr.Solenoid 1 Short to B+
P1818 Pressure Contr.Solenoid 2 Electrical
P1819 Pressure Contr.Solenoid 2 Open/Short to Ground
P1820 Pressure Contr.Solenoid 2 Short to B+
P1823 Pressure Contr.Solenoid 3 Electrical
P1824 Pressure Contr.Solenoid 3 Open/Short to Ground
P1825 Pressure Contr.Solenoid 3 Short to B+
P1828 Pressure Contr.Solenoid 4 Electrical
P1829 Pressure Contr.Solenoid 4 Open/Short to Ground
P1830 Pressure Contr.Solenoid 4 Short to B+
P1834 Pressure Contr.Solenoid 5 Open/Short to Ground
P1835 Pressure Contr.Solenoid 5 Short to B+
P1841 Engine/Transmission Control Modules Versions do not match
P1842 Please check DTC Memory of instrument panel ECU
P1843 Please check DTC Memory of ADR Control Module
P1844 Please check DTC Memory of central electric control ECU
P1847 Please check DTC Memory of brake system ECU
P1848 Please check DTC Memory of engine ECU
P1849 Please check DTC Memory of transmission ECU
P1850 Data-Bus Powertrain Missing Message from Engine Contr.
P1851 Data-Bus Powertrain Missing Message from Brake Contr.
P1852 Data-Bus Powertrain Unplausible Message from Engine Contr.
P1853 Data-Bus Powertrain Unplausible Message from Brake Contr.
P1854 Data-Bus Powertrain Hardware Defective
P1855 Data-Bus Powertrain Software version Contr.
P1856 Throttle/Pedal Pos.Sensor A Circ. Error Message from Engine Contr.
P1857 Load Signal Error Message from Engine Contr.
P1858 Engine Speed Input Circ. Error Message from Engine Contr.
P1859 Brake Switch Circ. Error Message from Engine Contr.
P1860 Kick Down Switch Error Message from Engine Contr.
P1861 Throttle Position (TP) sensor Error Message from ECM
P1862 Data Bus Powertrain Missing message from instr. panel ECU
P1863 Data Bus Powertrain Missing Message from St. Angle Sensor
P1864 Data Bus Powertrain Missing message from ADR control module
P1865 Data Bus Powertrain Missing message from central electronics
P1866 Data Bus Powertrain Missing messages
P1900 Engine coolant blower motor, speed 2 - open circuit short to earth
P1901 Engine coolant blower motor run-on relay - short to positive
P1902 Engine coolant blower motor run-on relay - open circuit/short to earth
P1903 Engine coolant hydraulic blower motor solenoid - short to positive
P1904 Engine coolant hydraulic blower motor solenoid - open circuit/short to earth

P1905 Charge air coolant pump relay - short to positive
P1906 Charge air coolant pump relay - open circuit/short to earth
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 earth
P1914 Brake servo pressure sensor - range/ performance problem
P1920 Engine mounting control solenoid banks 1 & 2 -open circuit/short to earth
P1923 Engine control module (ECM) 2 - malfunction
P3000 CAN data bus, instrumentation - glow plug warning lamp
P3002 Accelerator pedal position (APP) sensor - transmission kick-down switch
P3003 Engine coolant heater relay 1, low output
P3005 Engine coolant heater relay 2, high output
P3007 Camshaft position (CMP) sensor - no signal
P3008 Camshaft position (CMP) sensor - signal limit exceeded
P3009 Fuel cooling pump relay - short to positive
P3010 Fuel cooling pump relay - open circuit/short to earth
P3011 Fuel pump relay - short to positive
P3012 Fuel pump relay - open circuit/short to earth
P3013 Turbocharger (TC) wastegate regulating valve B - short to positive
P3014 Turbocharger (TC) wastegate regulating valve B - open circuit/short to earth
P3015 Fuel bypass valve - short to positive
P3016 Fuel bypass valve - open circuit/short to earth
P3040 Gear ratio - implausible
P3041 CAN data bus, instrumentation - implausible ECT signal
P3104 Intake manifold air control solenoid - short to positive
P3105 Intake manifold air control solenoid - open circuit/short to earth