



ProECU Mazda DISI



DTC List

2005-onward Model Year

v1.4

Engine DTC List

P0011 CMP timing over-advanced ON 2 CCM
P0012 CMP timing over-retarded ON 2 CCM
P0031 Front HO2S heater circuit low input ON 2 O2 sensor heater
P0032 Front HO2S heater circuit high input ON 2 O2 sensor heater
P0037 Rear HO2S heater circuit low input ON 2 O2 sensor heater
P0038 Rear HO2S heater circuit high input ON 2 O2 sensor heater
P0101 MAF sensor inconsistent with TP sensor or engine speed ON 2 CCM
P0102 MAF circuit low input ON 1 CCM
P0103 MAF circuit high input ON 1 CCM
P0106 MAP sensor performance problem ON 2 CCM
P0107 MAP sensor circuit low input ON 1 CCM
P0108 MAP sensor circuit high input ON 1 CCM
P0111 IAT circuit performance problem ON 2 CCM
P0112 IAT circuit low input ON 1 CCM
P0113 IAT circuit high input ON 1 CCM
P0117 ECT circuit low input ON 1 CCM
P0118 ECT circuit high input ON 1 CCM
P0122 TP sensor No.1 circuit low input ON 1 CCM
P0123 TP sensor No.1 circuit high input ON 1 CCM
P0125 Excessive time to enter closed loop fuel control ON 2 CCM
P0126 Coolant thermostat stuck open ON 2 Thermostat
P0128 Coolant thermostat stuck open ON 2 Thermostat
P0131 Front HO2S (stuck low) ON 2 CCM
P0132 Front HO2S (stuck high) ON 2 CCM
P0133 Front HO2S circuit malfunction ON 2 O2 sensor
P0134 Front HO2S circuit no activity detected ON 2 CCM
P0137 Rear HO2S circuit low input ON 2 CCM
P0138 Rear HO2S circuit high input ON 2 CCM
P0140 Rear HO2S circuit no activity detected ON 2 CCM
P0171 Fuel trim system too lean ON 2 Fuel
P0172 Fuel trim system too rich ON 2 Fuel
P0222 TP sensor No.2 circuit low input ON 1 CCM
P0223 TP sensor No.2 circuit high input ON 1 CCM
P0300 Random misfire detected Flash / ON 1 or 2 Misfire
P0301 Cylinder No.1 misfire detected Flash / ON 1 or 2 Misfire
P0302 Cylinder No.2 misfire detected Flash / ON 1 or 2 Misfire
P0303 Cylinder No.3 misfire detected Flash / ON 1 or 2 Misfire
P0304 Cylinder No.4 misfire detected Flash / ON 1 or 2 Misfire
P0327 Knock sensor circuit low input ON 1 CCM
P0328 Knock sensor circuit high input ON 1 CCM
P0335 CKP sensor circuit malfunction ON 1 CCM
P0340 CMP sensor circuit malfunction ON 1 CCM
P0401 EGR flow insufficient detected ON 2 EGR
P0402 EGR flow excessive detected ON 2 EGR
P0403 EGR valve (stepper motor) circuit malfunction ON 2 CCM
P0420 Catalyst system efficiency below threshold ON 2 Catalyst
P0441 Evaporative emission control system incorrect purge flow ON 2 Evaporative
P0442 Evaporative emission control system leak detected (small leak) ON 2 Evaporative

P0443 Evaporative emission system purge control valve circuit malfunction ON 2 CCM
P0446 Change over valve (COV) (EVAP system leak pump) stuck close ON 2 Evaporative
P0455 Evaporative emission system leak detected (gross leak) ON 2 Evaporative
P0456 Evaporative emission system leak detected (very small leak) ON 2 Evaporative
P0461 Fuel gauge sender unit circuit range/performance ON 2 CCM
P0462 Fuel gauge sender unit circuit low input ON 2 CCM
P0463 Fuel gauge sender unit circuit high input ON 2 CCM
P0480 Fan relay No.1 control circuit malfunction OFF 2 Other
P0481 Fan relay No.2 and No.3 control circuit malfunction OFF 2 Other
P0482 Fan relay No.4 control circuit malfunction OFF 2 Other
P0500 Vehicle speed sensor (VSS) circuit malfunction ON 2 CCM
P0505 Idle control system malfunction OFF - - - (See DTC P0505)
P0506 Idle control system RPM lower than expected ON 2 CCM
P0507 Idle control system RPM higher than expected ON 2 CCM
P0550 PSP switch circuit malfunction ON 2 CCM
P0564 Cruise control switch circuit malfunction OFF 1 Other
P0571 Brake switch circuit malfunction OFF 1 Other
P0601 Internal control module memory check sum error ON 1 CCM
P0602 PCM programming error ON 1 CCM
P0604 PCM RAM error ON 1 CCM
P0606 ECM/PCM processor ON 1 CCM
P0607 Control module performance ON 1 CCM
P0610 Control module vehicle options error ON 1 CCM
P0638 Throttle actuator control range/performance ON 1 CCM
P0661 Variable intake-air system control solenoid valve circuit low input OFF 2 Other
P0662 Variable intake-air system control solenoid valve circuit high input OFF 2 Other
P0703 Brake switch No.1 circuit malfunction ON 2 CCM
P0704 Clutch switch circuit malfunction ON 2 CCM
P0850 Neutral switch circuit malfunction ON 2 CCM
P1410 VAD control system circuit malfunction OFF 2 Other
P1562 PCM +BB voltage low ON 1 CCM
P2004 Variable tumble control system (VTCS) shutter valve stuck open ON 2 CCM
P2006 Variable tumble control system (VTCS) shutter valve stuck closed ON 2 CCM
P2009 Variable tumble control solenoid valve circuit low input ON 2 CCM
P2010 Variable tumble control solenoid valve circuit high input ON 2 CCM
P2088 CMP actuator circuit low ON 2 CCM
P2089 CMP actuator circuit high ON 2 CCM
P2100 Throttle actuator circuit open ON 1 CCM
P2101 Throttle actuator circuit range/performance ON 1 CCM
P2102 Throttle actuator circuit low input ON 1 CCM
P2103 Throttle actuator control motor circuit high input ON 1 CCM
P2107 Throttle actuator control module processor ON 1 CCM
P2108 Throttle actuator control module performance ON 1 or 2 CCM
P2119 Throttle actuator control throttle body range/performance ON 2 CCM
P2122 Accelerator pedal position (APP) sensor No.1 circuit low input ON 1 CCM
P2123 Accelerator pedal position (APP) sensor No.1 circuit high input ON 1 CCM
P2127 Accelerator pedal position (APP) sensor No.2 circuit low input ON 1 CCM
P2128 Accelerator pedal position (APP) sensor No.2 circuit high input ON 1 CCM
P2135 Throttle position sensor No.1/No.2 voltage correlation ON 1 CCM
P2138 Accelerator pedal position (APP) sensor No.1/No.2 voltage correlation ON 1 CCM

P2228 BARO sensor circuit low input ON 1 CCM
P2229 BARO sensor circuit high input ON 1 CCM
P2401 Evaporative emission system leak detection pump control circuit low ON 2 Other
P2402 Evaporative emission system leak detection pump control circuit high ON 2 Other
P2404 Evaporative emission system leak detection pump sense circuit malfunction ON 2 Other
P2405 Evaporative emission system leak detection pump sense circuit low input ON 2 Other
P2406 Evaporative emission system leak detection pump sense circuit high input ON 2 Other
P2407 Evaporative emission system leak detection pump sense circuit intermittent ON - Other
P2502 Generator terminal B circuit open OFF 1 Other
P2503 Generator output voltage signal no electricity OFF 1 Other
P2504 Battery overcharge OFF 1 Other

DTC No. Condition MIL DC Monitor item Memory function Page

P0011 CMP timing over-advanced (RH) ON 1 CCM
P0012 CMP timing over-retarded (RH) ON 1 CCM
P0021 CMP timing over-advanced (LH) ON 1 CCM
P0022 CMP timing over-retarded (LH) ON 1 CCM
P0031 HO2S heater (RF) circuit low ON 2 O2 sensor heater
P0032 HO2S heater (RF) circuit high ON 2 O2 sensor heater
P0037 HO2S heater (RR) circuit low ON 2 O2 sensor heater
P0038 HO2S heater (RR) circuit high ON 2 O2 sensor heater
P0051 HO2S heater (LF) circuit low ON 2 O2 sensor heater
P0052 HO2S heater (LF) circuit high ON 2 O2 sensor heater
P0057 HO2S heater (LR) circuit low ON 2 O2 sensor heater
P0058 HO2S heater (LR) circuit high ON 2 O2 sensor heater
P0101 MAF sensor inconsistent with TP sensor ON 2 CCM
P0102 MAF circuit low input ON 1 CCM
P0103 MAF circuit high input ON 1 CCM
P0111 IAT circuit performance problem ON 2 CCM
P0112 IAT circuit low input ON 1 CCM
P0113 IAT circuit high input ON 1 CCM
P0117 ECT circuit low input ON 1 CCM
P0118 ECT circuit high input ON 1 CCM
P0122 TP sensor No.1 circuit low input ON 1 CCM
P0123 TP sensor No.1 circuit high input ON 1 CCM
P0125 Excessive time to enter closed loop fuel control ON 2 CCM
P0126 Coolant thermostat ON 2 Thermostat
P0128 Coolant thermostat ON 2 Thermostat
P0131 HO2S (RF) no inversion (low stuck) ON 2 CCM
P0132 HO2S (RF) no inversion (high stuck) ON 2 CCM
P0133 HO2S (RF) circuit malfunction ON 2 O2 sensor
P0134 HO2S (RF) circuit no activity detected ON 2 CCM
P0138 HO2S (RR) circuit high input ON 2 CCM
P0140 HO2S (RR) circuit no activity detected ON 2 CCM
P0151 HO2S (LF) no inversion (low stuck) ON 2 CCM
P0152 HO2S (LF) no inversion (high stuck) ON 2 CCM
P0153 HO2S (LF) circuit malfunction ON 2 O2 sensor
P0154 HO2S (LF) circuit no activity detected ON 2 CCM
P0158 HO2S (LR) circuit high input ON 2 CCM
P0160 HO2S (LR) circuit no activity detected ON 2 CCM

P0171 Fuel trim system (RH) too lean ON 2 Fuel
P0172 Fuel trim system (RH) too rich ON 2 Fuel
P0174 Fuel trim system (LH) too lean ON 2 Fuel
P0175 Fuel trim system (LH) too rich ON 2 Fuel
P0222 TP sensor No.2 circuit low input ON 1 CCM
P0223 TP sensor No.2 circuit high input ON 1 CCM
P0300 Random misfire detected Flash / ON 1 or 2 Misfire
P0301 Cylinder No.1 misfire detected Flash / ON 1 or 2 Misfire
P0302 Cylinder No.4 misfire detected Flash / ON 1 or 2 Misfire
P0303 Cylinder No.2 misfire detected Flash / ON 1 or 2 Misfire
P0304 Cylinder No.5 misfire detected Flash / ON 1 or 2 Misfire
P0305 Cylinder No.3 misfire detected Flash / ON 1 or 2 Misfire
P0306 Cylinder No.6 misfire detected Flash / ON 1 or 2 Misfire
P0325 KS circuit ON 1 CCM
P0335 CKP sensor circuit malfunction ON 1 CCM
P0340 CMP sensor (RH) circuit malfunction ON 1 CCM
P0345 CMP sensor (LH) circuit malfunction ON 1 CCM
P0401 EGR flow insufficient detected ON 2 EGR
P0402 EGR flow excessive detected ON 2 EGR
P0403 EGR valve (stepper motor) circuit malfunction ON 2 CCM
P0421 Warm-up catalyst system (RH) efficiency below threshold ON 2 Catalyst
P0431 Warm-up catalyst system (LH) efficiency below threshold ON 2 Catalyst
P0441 EVAP control system incorrect purge flow ON 2 Evaporative
P0442 EVAP control system leak detected (small leak) ON 2 Evaporative
P0443 EVAP control system purge control valve circuit malfunction ON 2 CCM
P0446 Change over valve (EVAP leak detection pump) stuck close ON 2 Evaporative
P0455 EVAP control system leak detected (large leak) ON 2 Evaporative
P0456 EVAP control system leak detected (very small leak) ON 2 Evaporative
P0461 Fuel gauge sender unit circuit range/performance ON 2 CCM
P0462 Fuel gauge sender unit circuit low input ON 2 CCM
P0463 Fuel gauge sender unit circuit high input ON 2 CCM
P0480 Fan control circuit malfunction OFF 2 Other
P0500 VSS circuit malfunction ON 2 CCM
P0505 Idle control system malfunction OFF - - - (See DTC P0505 [AJ] .)
P0506 Idle control system RPM lower than expected ON 2 CCM
P0507 Idle control system RPM higher than expected ON 2 CCM
P0550 PSP switch circuit malfunction ON 2 CCM
P0564 Cruise control switch circuit malfunction OFF 1 Other
P0571 Brake switch circuit malfunction OFF 1 Other
P0602 PCM programming error ON 1 CCM
P0606 ECM/PCM processor OFF 1 Other
P0610 Control module vehicle options error ON 1 CCM
P0703 Brake switch No.1 input malfunction ON 2 CCM
P0704 Clutch switch input malfunction ON 2 CCM
P0850 Neutral switch input malfunction ON 2 CCM
P1309 PCM IC for misfire detection ON 2 CCM
P1410 VAD control system circuit malfunction OFF 2 Other
P1487 EGR boost sensor solenoid valve circuit malfunction ON 2 CCM
P1562 PCM +BB voltage low ON 1 CCM
P2088 CMP actuator (RH) circuit low ON 1 CCM

P2089 CMP actuator (RH) circuit high ON 1 CCM
P2092 CMP actuator (LH) circuit low ON 1 CCM
P2093 CMP actuator (LH) circuit high ON 1 CCM
P2100 Throttle actuator control motor circuit/open ON 1 CCM
P2101 Throttle actuator control motor circuit range/performance ON 1 CCM
P2105 Throttle actuator control system - forced engine shutdown OFF 1 Other
P2107 Throttle actuator control module processor ON 1 CCM
P2110 Throttle actuator control system - forced limited RPM ON 1 CCM
P2111 Throttle actuator control system - stuck open ON 1 CCM
P2112 Throttle actuator control system - stuck close ON 1 CCM
P2119 Throttle actuator control throttle body range/performance ON 2 CCM
P2122 APP sensor No.1 circuit low input ON 1 CCM
P2123 APP sensor No.1 circuit high input ON 1 CCM
P2127 APP sensor No.2 circuit low input ON 1 CCM
P2128 APP sensor No.2 circuit high input ON 1 CCM
P2135 TP sensor No.1/No.2 voltage correlation ON 1 CCM
P2138 APP sensor No.1/No.2 voltage correlation ON 1 CCM
P2227 EGR boost sensor circuit performance problem ON 2 CCM
P2228 EGR boost sensor circuit low input ON 1 CCM
P2229 EGR boost sensor circuit high input ON 1 CCM
P2401 EVAP system leak detection pump control circuit low ON 2 Evaporative
P2402 EVAP system leak detection pump control circuit high ON 2 Evaporative
P2404 EVAP system leak detection pump sense circuit malfunction ON 2 Evaporative
P2405 EVAP system leak detection pump sense circuit low input ON 2 Evaporative
P2406 EVAP system leak detection pump sense circuit high input ON 2 Evaporative
P2407 EVAP system leak detection pump sense circuit intermittent ON 2 Evaporative
P2502 Generator terminal B circuit open OFF 1 Other
P2503 Generator output voltage signal no electricity OFF 1 Other
P2504 Battery overcharge OFF 1 Other
U0073 CAN system communication error (See MULTIPLEX COMMUNICATION SYSTEM .)
U0121 Communication error to ABS/TCS HU/CM (See MULTIPLEX COMMUNICATION SYSTEM .)

P1000 OBD II Monitor Testing Not Completed

P1001 Unable to Achieve Self-Test Function Or SCP Error
P1100 Mass Air Flow Sensor Circuit Intermittent - Read Our Article On Automotive Circuit Testing For Help With This Mazda Check Engine Light Code
P1101 Mass Air Flow Sensor Circuit Out Of Self-Test Range
P1102 Mass Air Flow Sensor Signal Inconsistent With Throttle Position Sensor
P1103 Mass Air Flow Sensor Signal Inconsistent With Engine Speed
P1110 Intake Air Temperature Sensor Signal (Dynamic Chamber) Circuit - Read Our Article On Automotive Circuit Testing For Help With This Mazda Check Engine Light Code
P1112 Intake Air Temperature Sensor Circuit Intermittent - Read Our Article On Automotive Circuit Testing For Help With This Mazda Check Engine Light Code
P1113 Intake Air Temperature Sensor Signal (Dynamic Chamber) Circuit - Read Our Article On Automotive Circuit Testing For Help With This Mazda Check Engine Light Code
P1114 Intake Air Temperature Sensor Circuit Low Input
P1116 ECT Sensor Circuit Out Of Self Test Range
P1117 ECT Sensor Signal Intermittent
P1120 Throttle Position Sensor Out Of Range Low
P1121 Throttle Position Sensor Signal Not Consistent With Mass Air Flow Signal
P1122 Throttle Position Stuck Closed

P1123 Throttle Position Stuck Open
P1124 Throttle Position Sensor Signal Out Of Self Test Range
P1125 Throttle Position Sensor Signal Intermittent - Read Our Article On Automotive Circuit Testing For Help With This Mazda Check Engine Light Code
P1126 Throttle Position (Narrow Range) Sensor Circuit - Read Our Article On Automotive Circuit Testing For Help With This Mazda Check Engine Light Code
P1127 HO2S Bank 1 Sensor 2 Heater Not On During Key On Engine Running Self Test
P1128 HO2S Bank 1 Sensor 1 Signals Swapped In Key On Engine Running Self Test
P1129 Downstream HO2S Sensors Swapped
P1130 HO2S Bank 1 Sensor 1 Not Switching (Fuel Control Limit Reached) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1131 HO2S Bank 1 Sensor 1 Signal Below 0.45v (A/F Ratio Too Lean) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1132 HO2S Bank 1 Sensor 1 Signal Above 0.45v (A/F Ratio Too Rich) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1133 Bank 1 Fuel Control Shifted Lean
P1134 Bank 1 Fuel Control Shifted Rich
P1135 HO2S Bank 1 Sensor 1 Heater Circuit Low Input
P1136 HO2S Bank 1 Sensor 1 Heater Circuit High Input
P1137 HO2S Bank 1 Sensor 2 Not Switching (Fuel Control Limit Reached) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1138 HO2S Bank 1 Sensor 2 Signal Above 0.45v (A/F Ratio Too Rich) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1141 HO2S Bank 1 Sensor 2 Heater Circuit Low Input
P1142 HO2S Bank 1 Sensor 2 Heater Circuit High Input
P1143 HO2S Bank 1 Sensor 3 Signal Below 0.45v (A/F Ratio Too Lean) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1144 HO2S Bank 1 Sensor 3 Signal Above 0.45v (A/F Ratio Too Rich) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1150 HO2S Bank 2 Sensor 1 Not Switching (Fuel Control Limit Reached) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1151 HO2S Bank 2 Sensor 1 Signal Below 0.45v (A/F Ratio Too Lean) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1152 HO2S Bank 2 Sensor 1 Signal Above 0.45v (A/F Ratio Too Rich) - Read Our Article On Oxygen Sensor Codes For Help With This Mazda Check Engine Light Code
P1153 Bank 2 Fuel Control Shifted Lean(FAOSC)
P1154 Bank 2 Fuel Control Shifted Rich (FAOSC)
P1169 HO2S Bank 1 Sensor 1 Circuit Fixed (Bank 1 Sensor 1)
P1170 HO2S Bank 1 Sensor 1 Circuit Fixed (Bank 1 Sensor 1)
P1173 HO2S Bank 2 Sensor 1 Circuit Fixed (Bank 2 Sensor 1)
P1182 Fuel Shut Off Solenoid Circuit
P1189 Pump Speed Signal
P1190 Calibration Resistor Out Of Range
P1191 TP (Controlled) Circuit
P1194 ECM, PCM, A/D Converter
P1195 EGR Boost Sensor Circuit
P1196 Ignition Switch Start Circuit
P1197 Mileage Switch Circuit
P1213 Start Injector Circuit
P1221 Traction Control System
P1222 Traction Control Output Circuit
P1226 Control Sleeve Sensor Circuit

P1235 Fuel Pump Control Circuit
P1236 Fuel Pump Control Out Range
P1248 Turbo Boost Pressure Not Detected
P1250 Pressure Regulator Control Solenoid Circuit
P1251 Air Mixture Solenoid Circuit
P1252 Pressure Regulator Control Solenoid '2' Circuit
P1260 Anti-Theft System Signal Detected - Engine Disabled
P1270 Engine RPM or Vehicle Speed Limit Reached
P1279 Control Sleeve Sensor Circuit Range/Performance
P1298 Injector Driver Module Failure
P1309 Misfire Detection Monitor
P1312 Injection Pump Timing Actuator Circuit
P1318 Injection Timing Piston Position Sensor Circuit
P1319 Injection Timing Piston Position Sensor Circuit Range/Performance
P1345 No CMP or SGC Signal
P1351 Ignition Diagnostic Monitor Signal Lost To PCM Or Out Of Range
P1352 Ignition Coil 'A' Primary Circuit
P1353 Ignition Coil 'B' Primary Circuit
P1354 Ignition Coil 'C' Primary Circuit
P1358 Ignition Diagnostic Monitor Signal Out Of Self Test Range
P1359 SPOUT Signal Lost To Powertrain Control Module Or Out Of Range
P1360 Ignition Coil 'A' Secondary Circuit
P1361 Ignition Coil 'B' Secondary Circuit
P1362 Ignition Coil 'C' Secondary Circuit
P1364 Ignition Coil Primary Circuit
P1365 Ignition Coil Secondary Circuit
P1382 Camshaft Position Timing Solenoid #1 Circuit
P1387 Camshaft Position Timing Solenoid #2 Circuit
P1390 Octane Adjust Shorting Bar Out or Circuit Open
P1400 DPFE Sensor Circuit Low Input - Read Our Article on EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1401 DPFE Sensor Circuit High Input - Read Our Article on EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1402 EGR Valve Position Sensor Circuit - Read Our Article on EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1405 DPFE Sensor Upstream Hose Off Or Plugged - Read Our Article on EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1406 DPFE Sensor Downstream Hose Off Or Plugged - Read Our Article on EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1407 No EGR Flow Detected - Read Our Article On EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1408 EGR System Flow Out Of Key On Engine Running Self Test Range - Read Our Article on EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1409 EGR Vacuum Regulator Solenoid Circuit
P1410 EGR Boost Solenoid Valve Stuck
P1412 Exhaust Gas Recirculation Valve Frozen - Read Our Article on EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1415 Air Pump Circuit
P1416 Port Air Circuit
P1417 Port Air Relief Circuit
P1418 Split Air #1 Circuit
P1419 Split Air #2 Circuit

P1439 Floor Temp Switch Circuit
P1443 EVAP System Purge Flow Fault
P1444 EVAP Purge Flow Sensor Circuit Low Voltage
P1445 EVAP Purge Flow Sensor Circuit High Voltage
P1446 Evaporative Vacuum Solenoid Circuit
P1449 Evaporative Check Solenoid Circuit
P1450 Unable To Bleed Up Fuel Tank Vacuum
P1451 Canister Vent Solenoid Circuit
P1455 Fuel Tank Level Sensor Circuit
P1456 Fuel Tank Temperature Sensor Circuit
P1457 Purge Solenoid Control System
P1460 Wide Open Throttle A/C Cut-Off Relay Circuit
P1464 Air Conditioning Control Signal Circuit
P1473 Fan Circuit Open (VLCM)
P1474 Fan Control (Primary Winding) Circuit
P1475 Fan Relay (Low) Circuit
P1476 Fan Relay (High) Circuit
P1477 Additional Fan Relay Circuit
P1479 Fan Control (Condenser Primary) Circuit
P1485 EGR Vacuum Solenoid Circuit - Read Our Article on EGR Valve Codes For Help With This Mazda Check Engine Light Code
P1486 EGR Vent Solenoid Circuit
P1487 EGR-CHK (Boost) Solenoid Circuit
P1491 Secondary Switch Solenoid Circuit
P1492 APLSOL Solenoid Circuit
P1493 RCNT Solenoid Circuit
P1495 TCSPL Solenoid Circuit
P1496 EGR Valve Motor Coil '1' Open or Shorted
P1497 EGR Valve Motor Coil '2' Open or Shorted
P1498 EGR Valve Motor Coil '3' Open or Shorted
P1499 EGR Valve Motor Coil '4' Open or Shorted
P1500 Vehicle Speed Sensor Intermittent Signal
P1501 Vehicle Speed Sensor Out Of Self Test Range
P1502 Vehicle Speed Sensor Circuit Error
P1504 Idle Air Control Solenoid Circuit Intermittent
P1505 Idle Air Control System At Adaptive Clip
P1506 Idle Air Control System Overspeed Detected
P1507 Idle Air Control System Underspeed Detected
P1508 Bypass Air Solenoid '1' Circuit
P1509 Bypass Air Solenoid '2' Circuit
P1510 Idle Signal Circuit
P1511 Idle Switch (Electric Control Throttle) Circuit
P1512 VTCS Fault
P1515 Electric Current Circuit
P1521 VRIS Solenoid '1' Circuit
P1522 VRIS Solenoid '2' Circuit
P1523 VICS Solenoid Circuit
P1524 Charge Air Cooler Bypass Solenoid Circuit
P1525 ABV Vacuum Solenoid Circuit
P1526 ABV Vent Solenoid Circuit

P1527 Bypass Air Solenoid (Accelerate Warmup) Circuit
P1528 Subsidiary Throttle Valve Solenoid Circuit
P1529 L/C Atmospheric Balance Air Control Valve Circuit
P1540 ABV System Fault
P1562 Powertrain Control Module +B Voltage Low
P1566 TCM B+ Voltage Low
P1569 IMRC Circuit Low
P1570 IMRC Circuit High
P1600 Loss Of KAM Power, Circuit Open
P1601 Powertrain Control Module Communication Line To TCM Error
P1602 Immobilizer System Communication Error With Powertrain Control Module
P1602 Powertrain Control Module Communication Line To TCM Error
P1603 Immobilizer System Fault
P1604 Immobilizer System Fault
P1605 Powertrain Control Module Keep Alive Memory Test Error
P1608 Powertrain Control Module (ECM CPU) DTC Test Fault
P1609 Powertrain Control Module (ECM CPU) Knock Sensor Circuit
P1621 Immobilizer System Fault
P1622 Immobilizer System Fault
P1623 Immobilizer System Fault
P1624 Immobilizer System Fault
P1627 Powertrain Control Module (ECM/TCS) Line Communication Error
P1628 Powertrain Control Module (ECM/TCS) Any Line Communication Error
P1630 Alternator Regulator #1 Control Circuit
P1631 Generator Output Voltage Signal (No Output)
P1632 Battery Voltage Monitor Circuit
P1633 Battery Overcharge Fault
P1634 Generator Terminal 'B' Circuit Open
P1645 Fuel Pump Resistor Switch Circuit
P1649 Fuel Injection Pump Module
P1650 Power Steering Pressure Switch Out Of Range Fault
P1651 Power Steering Pressure Switch Circuit
P1652 Power Steering Pressure Switch Circuit
P1680 Metering Oil Pump Failure
P1682 Metering Oil Pump Failure
P1683 Metering Oil Pump Temperature Sensor Circuit
P1684 Metering Oil Pump Position Sensor Circuit
P1685 Metering Oil Pump Stepping Motor Cont. Circuit
P1686 Metering Oil Pump Stepping Motor Cont. Circuit
P1687 Metering Oil Pump Stepping Motor Cont. Circuit
P1688 Metering Oil Pump Stepping Motor Cont. Circuit
P1689 Oil Pressure Control Solenoid Circuit
P1690 Wastegate Solenoid Circuit
P1691 Turbo Pressure Control Solenoid Circuit
P1692 Turbo Control Solenoid Circuit
P1693 Turbo Charge Control Circuit
P1694 Turbo Charge Relief Circuit
P1701 Transmission Range Sensor Reverse Engagement Error
P1702 Transmission Range Sensor Circuit Intermittent
P1703 Brake On/Off Switch Out Of Self Test Range

P1705 Transmission Range Sensor Out Of Self Test Range
P1706 High Vehicle Speed Observed In Park
P1708 Clutch Switch Circuit
P1709 Clutch Pedal Position Switch Circuit
P1710 Transmission Control Module Solenoid/Internal Ground Circuit
P1711 Transmission Fluid Temperature Sensor Circuit Out Of Self Test Range
P1713 Transmission Fluid Temperature Sensor Circuit
P1714 Shift Solenoid '1' Mechanical Fault
P1715 Shift Solenoid '2' Mechanical Fault
P1716 Shift Solenoid '3' Mechanical Fault
P1717 Shift Solenoid '4' Mechanical Fault
P1718 Transmission Fluid Temperature Sensor Circuit
P1719 Engine Torque Signal
P1720 Vehicle Speed Sensor '2' Signal Error
P1721 Gear 1 Incorrect Ratio
P1722 Gear 2 Incorrect Ratio
P1723 Gear 3 Incorrect Ratio
P1724 Gear 4 Incorrect Ratio
P1729 Transmission 4x4 Low Switch Error
P1735 First Gear Switch Circuit Failure
P1736 Second Gear Switch Circuit Failure
P1737 Lockup Solenoid
P1738 Shift Time Error
P1739 Slip Solenoid
P1740 Torque Converter Clutch Solenoid Mechanical Fault
P1741 Torque Converter Clutch Control Electrical Fault
P1742 Torque Converter Clutch Solenoid Shorted
P1743 Torque Converter Clutch Failed On - TCIL Is On
P1744 Torque Converter Clutch Solenoid Mechanical Fault
P1745 Line Pressure Solenoid
P1746 Electronic Pressure Control Solenoid Circuit Open
P1747 Electronic Pressure Control Solenoid Circuit
P1748 Pressure Control Solenoid 'A'
P1749 Electronic Pressure Control Solenoid Circuit Low
P1751 Transmission Shift Solenoid 'A' Mechanical Fault
P1752 Transmission Shift Solenoid 'A' Circuit Shorted
P1754 Transmission Coast Clutch Solenoid Electrical Fault
P1756 Transmission Shift Solenoid 'B' Mechanical Fault
P1757 Transmission Shift Solenoid 'B' Circuit Shorted
P1759 2-4 Brake Failsafe Valve Malfunction
P1761 Transmission Shift Solenoid '3' Mechanical Fault
P1762 Transmission SS3/SS4/OD Band Fault
P1763 Low And Reverse Brake Pressure Switch Circuit
P1764 Low And Reverse Brake Failsafe Valve Malfunction
P1765 Transmission 3-2 Timing Solenoid Valve
P1767 Torque Converter Clutch Solenoid Circuit
P1770 Clutch Solenoid Circuit
P1771 Throttle Position Sensor Circuit Open To Transmission Control Module
P1772 Throttle Position Sensor Circuit Shorted To Transmission Control Module
P1775 Torque Down Signal #1 Circuit

P1776 Torque Down Signal #2 Circuit
P1777 Torque Down Response Signal Circuit
P1780 Overdrive Off Switch Not Cycled During The Self Test
P1780 Transmission Control Switch Circuit
P1781 Transmission 4x4 Low Switch Out Of Range Fault
P1783 Transmission Fluid Temperature High Input
P1788 Pressure Control Solenoid 'B' Circuit Open
P1789 Pressure Control Solenoid 'B' Circuit Shorted
P1790 TP (Mechanical) Circuit
P1791 TP (Electric) Circuit
P1792 Barometer Pressure Circuit
P1793 Intake Air Volume Circuit
P1794 Powertrain Control Module Battery Direct Power Circuit
P1795 Idle Switch Circuit
P1796 Kick Down Switch Circuit
P1797 P/N Switch Open Or Short Circuit
P1798 Coolant Temperature Circuit
P1799 Hold Switch Circuit
P1900 Turbine Speed Sensor Circuit Intermittent
P1901 Torque Converter Clutch Circuit Intermittent