

## Mazda Specific Codes

P1000 OBD II Monitor Testing Not Completed  
P1001 Unable to Achieve Self-Test Function or SCP Error  
P1100 Mass Airflow Sensor Circuit Intermittent  
P1101 Mass Airflow Sensor Circuit out of Self-Test Range  
P1102 Mass Airflow Sensor Signal Inconsistent with Throttle Position Sensor  
P1103 Mass Airflow Sensor Signal Inconsistent with Engine Speed  
P1110 Intake Air [Temperature Sensor](#)

Signal (Dynamic Chamber) Circuit

P1112 Intake Air Temperature Sensor Circuit Intermittent  
P1113 Intake Air Temperature Sensor Signal (Dynamic Chamber) Circuit  
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 Airflow 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  
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  
P1130 HO2S Bank 1 Sensor 1 Not Switching (Fuel Control Limit Reached)  
P1131 HO2S Bank 1 Sensor 1 Signal Below 0.45v (A/F Ratio Too Lean)  
P1132 HO2S Bank 1 Sensor 1 Signal Above 0.45v (A/F Ratio Too 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)  
P1138 HO2S Bank 1 Sensor 2 Signal Above 0.45v (A/F Ratio Too Rich)  
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)  
P1144 HO2S Bank 1 Sensor 3 Signal Above 0.45v (A/F Ratio Too Rich)  
P1150 HO2S Bank 2 Sensor 1 Not Switching (Fuel Control Limit Reached)  
P1151 HO2S Bank 2 Sensor 1 Signal Below 0.45v (A/F Ratio Too Lean)  
P1152 HO2S Bank 2 Sensor 1 Signal Above 0.45v (A/F Ratio Too Rich)  
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)  
P1195 EGR Boost Sensor Circuit  
P1196 Ignition Switch Start Circuit  
P1235 [Fuel Pump](#) Control Circuit  
P1236 Fuel Pump Control Out Range  
P1250 Pressure Regulator Control 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  
P1309 Misfire Detection Monitor  
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  
P1390 Octane Adjust Shorting Bar Out or Circuit Open  
P1400 DPFE Sensor Circuit Low Input  
P1401 DPFE Sensor Circuit High Input  
P1402 EGR Valve Position Sensor Circuit  
P1405 DPFE Sensor Upstream Hose Off Or Plugged  
P1406 DPFE Sensor Downstream Hose Off or Plugged  
P1407 No EGR Flow Detected  
P1408 EGR System Flow Out of Key On Engine Running Self Test Range  
P1409 EGR Vacuum Regulator Solenoid Circuit  
P1410 EGR Boost Solenoid Valve Stuck  
P1443 EVAP System Purge Flow Fault  
P1444 EVAP Purge Flow Sensor Circuit Low Voltage  
P1446 EVAP Purge Flow Sensor Circuit High Voltage  
P1449 CDCV or Throttle PositionCV Circuit  
P1450 EVAP Control System Fault  
P1451 Canister Vent Solenoid Circuit  
P1455 Fuel Tank Level Sensor Circuit  
P1460 Wide Open Throttle A/C Cut-Off Relay Circuit  
P1464 Air Conditioning Control Signal Circuit  
P1474 Fan Control (Primary Winding) Circuit  
P1479 Fan Control (Condenser Primary) Circuit  
P1485 EGR Vacuum Solenoid Circuit  
P1486 EGR Vent Solenoid Circuit  
P1487 EGR-CHK (Boost) 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  
P1512 VTCS Fault  
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  
P1529 L/C Atmospheric Balance Air Control Valve Circuit  
P1540 ABV System Fault  
P1562 Powertrain Control Module +BB Voltage Low  
P1569 VTCS Circuit Low Input  
P1570 VTCS Circuit High Input  
P1601 Powertrain Control Module Communication Line to TCM Error  
P1602 Powertrain Control Module Communication Line to TCM Error  
P1602 Immobilizer System Communication Error with Powertrain Control Module  
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  
P1631 Generator Output Voltage Signal (No Output)  
P1632 Battery Voltage Monitor Circuit  
P1633 Battery Overcharge Fault  
P1634 Generator Terminal 'B' Circuit Open  
P1650 Power Steering Pressure Switch Out of Range Fault  
P1651 Power Steering Pressure [Switch Circuit](#)  
P1652 Power Steering Pressure Switch 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  
P1709 Clutch Pedal Position Switch 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  
P1720 Vehicle Speed Sensor '2' Signal Error  
P1729 Transmission 4x4 Low Switch Error  
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  
P1746 Electronic Pressure Control Solenoid Circuit Open  
P1747 Electronic Pressure Control Solenoid Circuit  
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  
P1761 Transmission Shift Solenoid '3' Mechanical Fault  
P1762 Transmission SS3/SS4/OD Band Fault  
P1765 Transmission 3-2 Timing Solenoid Valve  
P1767 Torque Converter Clutch Solenoid Circuit  
P1771 Throttle Position Sensor Circuit Open to [Transmission Control](#) Module  
P1772 Throttle Position Sensor Circuit Shorted to Transmission Control Module  
P1780 Transmission Control Switch Circuit  
P1780 Overdrive Off Switch not Cycled during the Self Test  
P1781 Transmission 4x4 Low Switch out of Range Fault  
P1783 Transmission Fluid Temperature High Input  
P1788 3-2T/CCS Circuit Open  
P1789 3-2T/CCS Circuit Shorted  
P1794 Powertrain Control Module Battery Direct Power Circuit  
P1797 P/N Switch Open or Short Circuit  
P1900 Turbine Speed Sensor Circuit Intermittent  
P1901 Torque Converter Clutch Circuit Intermittent