

Fault Code Diagnostics for EEC V

P0102 Mass Air Flow circuit Low Input.
P0103 Mass Air Flow circuit High Input.
P0106 EGR Barometric Pressure Sensor Input Signal is out of Self-Test Range.
P0107 EGR/BARO Signal circuit is Less Than Self-Test minimum.
P0108 EGR Barometric Pressure Sensor Input Signal is out of Self-Test Range.
P0112 Intake Air Temperature circuit Low Input.
P0113 Intake Air Temperature circuit High Input.
P0117 Engine Coolant Temperature circuit Low Input.
P0118 Engine Coolant Temperature circuit High Input.
P0121 In-Range Operating Throttle Position Sensor circuit failure.
P0122 Throttle Position Sensor circuit Low Input.
P0123 Throttle Position Sensor circuit High Input.
P0125 Insufficient Coolant Temperature to enter Closed Loop.
P0126 Insufficient Coolant Temperature for Stable Operation.
P0131 Upstream Heated Oxygen Sensor circuit out of range - Bank No. 1.
P0132 Upstream Heated Oxygen Sensor circuit Voltage High - Bank No. 1.
P0133 Upstream Heated Oxygen Sensor circuit Slow Response - Bank No. 1.
P0135 Upstream Heated Oxygen Sensor Heater circuit fault - Bank No. 1.
P0136 Downstream Heated Oxygen Sensor circuit fault - Bank No. 1.
P0138 Downstream Heated Oxygen Sensor circuit Voltage High - Bank No. 1.
P0140 Downstream Heated Oxygen Sensor circuit Faulty - Bank No. 1.
P0141 Downstream Heated Oxygen Sensor Heater circuit fault - Bank No. 1.
P0151 Upstream Heated Oxygen Sensor circuit out of range - Bank No. 2.
P0152 Upstream Heated Oxygen Sensor circuit Voltage High - Bank No. 2.
P0153 Upstream Heated Oxygen Sensor circuit Slow Response - Bank No. 2.
P0155 Upstream Heated Oxygen Sensor circuit fault - Bank No. 2.
P0156 Downstream Heated Oxygen Sensor circuit fault - Bank No. 2.
P0158 Downstream Heated Oxygen Sensor circuit Voltage High - Bank No. 2.
P0160 Downstream Heated Oxygen Sensor circuit fault - Bank No. 2.
P0161 Downstream Heated Oxygen Sensor Heater circuit fault - Bank No. 2.
P0171 System Too Lean - Bank No. 1.
P0172 System Too Rich - Bank No. 1.
P0174 System Too Lean - Bank No. 2.
P0175 System Too Rich - Bank No. 2.
P0176 Flexible Fuel Sensor.
P0180 Engine Fuel Temperature Sensor circuit - Electrical fault.
P0181 Engine Fuel Temperature Sensor circuit - Electrical fault.
P0182 Engine Fuel Temperature Sensor circuit - Electrical fault.
P0183 Engine Fuel Temperature Sensor circuit - Electrical fault.
P0187 Engine Fuel Temperature Sensor circuit.
P0188 Engine Fuel Temperature Sensor circuit.
P0190 FRP Sensor Signal Low.
P0191 Engine Fuel Temperature Sensor circuit.
P0192 Engine Fuel Temperature Sensor circuit .
P0193 Engine Fuel Temperature Sensor circuit.
P0222 Throttle Position Sensor B circuit Input Low.
P0223 Throttle Position Sensor B circuit Input High.
P0230 Fuel Pump Primary circuit fault.
P0231 Fuel Pump Secondary circuit Low.
P0232 Fuel Pump Secondary circuit High.

P0300 Random Misfire Detected.
P0301 Misfire Detected - Cylinders 1-10.
P0302 Misfire Detected - Cylinders 1-10.
P0303 Misfire Detected - Cylinders 1-10.
P0304 Misfire Detected - Cylinders 1-10.
P0305 Misfire Detected - Cylinders 1-10.
P0306 Misfire Detected - Cylinders 1-10.
P0307 Misfire Detected - Cylinders 1-10.
P0308 Misfire Detected - Cylinders 1-10.
P0309 Misfire Detected - Cylinders 1-10.
P0310 Misfire Detected - Cylinders 1-10.
P0320 Ignition Engine Speed (PIP) Input circuit fault.
P0325 A Spark Knock Occurred - Sensor Circuitry did not respond.
P0326 Spark Knock has not been sensed.
P0330 A Spark Knock occurred - Sensor Circuitry did not respond.
P0331 Spark Knock has not been sensed.
P0340 Camshaft Position Sensor circuit fault.
P0350 Ignition Coil Primary circuit fault.
P0351 Ignition Coil A Primary circuit fault.
P0352 Ignition Coil B Primary circuit fault.
P0353 Ignition Coil C Primary circuit fault.
P0354 Ignition Coil D Primary circuit fault.
P0355 Ignition Coil Primary circuit malfunction.
P0356 Ignition Coil Primary circuit malfunction.
P0357 Ignition Coil Primary circuit malfunction.
P0358 Ignition Coil Primary circuit malfunction.
P0359 Integrated Ignition On Plug failure.
P0360 Integrated Ignition On Plug failure.
P0385 Misfire Detection Sensor circuit failure.
P0400 EGR Flow Faulty.
P0401 Insufficient EGR Flow.
P0402 EGR Flow Excessive at Idle.
P0411 Secondary Air Injection System Flow Improper.
P0412 Secondary Air Injection System Control Valve Faulty.
P0413 Secondary Air Injection Solenoid did not change when activated.
P0414 Secondary Air Injection Solenoid did not change when activated.
P0416 Secondary Air Injection Solenoid did not change when activated.
P0417 Secondary Air Injection Solenoid did not change when activated.
P0420 Catalyst System Efficiency below Limit - Bank No 1.
P0421 Catalyst System Efficiency below Limit - Bank No 1.
P0430 Catalyst System Efficiency below Limit - Bank No 2.
P0431 Catalyst System Efficiency below Limit - Bank No 2.
P0440 Evaporative Emission Purge Control Solenoid Damaged.
P0442 Leak in Evaporative System Detected.
P0443 EVAP Canister Purge Control Solenoid or Valve Faulty.
P0446 Evaporative Emission Control System Vent Control malfunction.
P0452 Fuel Tank Pressure Signal circuit Input below minimum.
P0453 Fuel Tank Pressure Signal circuit Input above maximum.
P0455 Leak or Blockage Detected in Evaporative Emission Control System.
P0460 Fuel Level Input circuit malfunction.
P0500 Vehicle Speed Sensor fault.
P0501 Vehicle Speed Sensor fault.
P0503 Poor Vehicle Speed Sensor Performance.
P0505 Idle Air Control Valve System fault.

P0552 Power Steering Pressure Sensor Shorted to Power.
P0553 Power Steering Pressure Sensor Shorted to Power.
P0602 Replace PCM.
P0603 PCM has Experienced Power Interrupt.
P0605 PCM Read Only Memory Error.
P0703 Brake On/Off Switch Input fault.
P0704 Clutch Pedal Position Switch Input circuit fault.
P0705 Transmission Range Sensor out of Self-Test Range or Shorted to Ground.
P0707 Transmission Range Sensor circuit Low Input.
P0708 Transmission Range Sensor circuit High Input.
P0712 Transmission Fluid Temperature Sensor circuit Input Low.
P0713 Transmission Fluid Temperature Sensor circuit Input High.
P0715 Turbine Shaft Speed Sensor circuit fault.
P0720 Output Shaft Speed Sensor circuit.
P0721 Output Shaft Speed Sensor circuit.
P0731 Improper Ratio for First Gear.
P0732 Improper Ratio for Second Gear.
P0733 Improper Ratio for Third Gear.
P0734 Improper Ratio for Fourth Gear.
P0735 Transmission problems.
P0736 Improper Ratio for Reverse Gear.
P0741 TCC System Improper Mechanical Performance.
P0743 Torque Converter Clutch System Electrical failure.
P0746 Electronic Pressure Control Solenoid Performance.
P0750 Shift Solenoid No. 1 circuit.
P0751 Shift Solenoid No. 1 Performance.
P0755 Shift Solenoid No. 2 circuit.
P0756 Shift Solenoid No. 2 Performance.
P0760 Shift Solenoid No. 3 circuit.
P0761 Shift Solenoid No. 3 Performance. 70765 Transmission system problems.
P0781 1 to 2 Shift Error.
P0782 2 to 3 Shift Error.
P0783 3 to 4 Shift Error.
P0784 4 to 5 Shift Error.
P1000 OBD-II Monitor Testing Incomplete.
P1001 KOER Test Cannot Be Completed.
P1039 Vehicle Speed Signal Missing or Improper.
P1051 Brake Switch Signal Missing or Improper.
P1100 Mass Air Flow Sensor Intermittent.
P1101 Mass Air Flow Sensor out of Self-Test Range.
P1112 Intake Air Temperature Sensor Intermittent.
P1116 Engine Coolant Temperature Sensor is out of Self-Test Range.
P1117 Engine Coolant Temperature Sensor Intermittent.
P1120 Throttle Position Sensor out of range.
P1121 Throttle Position Sensor Inconsistent with Mass Air Flow Sensor.
P1124 Throttle Position Sensor out of Self-Test Range.
P1125 Throttle Position Sensor Intermittent.
P1127 Heated Oxygen Sensor Heater not on During KOER Test.
P1128 Heated Oxygen Sensor Signals reversed.
P1129 Heated Oxygen Sensor Signals reversed.
P1130 Lack of Upstream Heated Oxygen Sensor Switch - Adaptive Fuel Limit - Bank No. 1.
P1131 Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank No. 1.
P1132 Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank No. 1.

- P1135 Ignition Switch Signal Missing or Improper.
- P1137 Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank No. 1.
- P1138 Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank No. 1.
- P1150 Lack of Upstream Heated Oxygen Sensor Switch - Adaptive Fuel Limit - Bank No. 2.
- P1151 Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank No. 2.
- P1152 Lack of Upstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank No. 2.
- P1157 Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Lean - Bank No. 2.
- P1158 Lack of Downstream Heated Oxygen Sensor Switch - Sensor Indicates Rich - Bank No. 2.
- P1220 Series Throttle Control fault.
- P1224 Throttle Position Sensor B out of Self-Test Range.
- P1230 Open Power to Fuel Pump circuit.
- P1231 High Speed Fuel Pump Relay activated.
- P1232 Low Speed Fuel Pump Primary circuit failure.
- P1233 Fuel Pump Driver Module off-line.
- P1234 Fuel Pump Driver Module off-line.
- P1235 Fuel Pump Control out of range.
- P1236 Fuel Pump Control out of range.
- P1237 Fuel Pump Secondary circuit fault.
- P1238 Fuel Pump Secondary circuit fault.
- P1250 Lack of Power to FPRC Solenoid.
- P1260 Theft Detected - Engine Disabled.
- P1270 Engine RPM or Vehicle Speed Limiter Reached.
- P1288 Cylinder Head Temperature Sensor out of Self-Test Range.
- P1289 Cylinder Head Temperature Sensor Signal Greater Than Self-Test Range.
- P1290 Cylinder Head Temperature Sensor Signal Less Than Self-Test Range.
- P1299 Cylinder Head Temperature Sensor Detected Engine Overheating Condition.
- P1309 Misfire Detection Monitor not enabled.
- P1351 Ignition Diagnostic Monitor circuit Input fault.
- P1352 Ignition Coil A - Primary circuit fault.
- P1353 Ignition Coil B - Primary circuit fault.
- P1354 Ignition Coil C - Primary circuit fault.
- P1355 Ignition Coil D - Primary circuit fault.
- P1356 Loss of Ignition Diagnostic Module Input to PCM.
- P1358 Ignition Diagnostic Monitor Signal out of Self-Test Range.
- P1359 Spark Output circuit fault.
- P1364 Ignition Coil Primary circuit fault.
- P1380 VCT Solenoid Valve circuit Short or Open.
- P1381 Cam Timing Advance is excessive.
- P1383 Cam Timing Advance is excessive.
- P1390 Octane Adjust out of Self-Test Range.
- P1400 Differential Pressure Feedback Electronic Sensor circuit Low Voltage.
- P1401 Differential Pressure Feedback Electronic Sensor circuit High Voltage.
- P1403 Differential Pressure Feedback Electronic Sensor Hoses Reversed.
- P1405 Differential Pressure Feedback Electronic Sensor circuit Upstream Hose.
- P1406 Differential Pressure Feedback Electronic Sensor circuit Downstream Hose.
- P1407 EGR No Flow Detected.
- P1408 EGR Flow out of Self-Test Range.
- P1409 EGR Vacuum Regulator circuit malfunction.
- P1410 EGR Barometric Pressure Sensor VREF Voltage.

P1409 Electronic Vacuum Regulator Control circuit fault.
P1411 Secondary Air is not being diverted.
P1413 Secondary Air Injection System Monitor circuit Low Voltage.
P1414 Secondary Air Injection System Monitor circuit High Voltage.
P1442 Secondary Air Injection System Monitor circuit High Voltage.
P1443 Evaporative Emission Control System - Vacuum System - Purge Control Solenoid or Purge Control Valve fault.
P1444 Purge Flow Sensor circuit Input Low.
P1445 Purge Flow Sensor circuit Input High.
P1450 Inability of Evaporative Emission Control System to Bleed Fuel Tank.
P1451 Lack of Response From Passive Anti-Theft System Module - Engine Disabled.
P1452 Inability of Evaporative Emission Control System to Bleed Fuel Tank.
P1455 Substantial Leak or Blockage in Evaporative Emission Control System.
P1460 Wide Open Throttle Air Conditioning Cutoff circuit malfunction.
P1461 Air Conditioning Pressure Sensor circuit Low Input.
P1462 Air Conditioning Pressure Sensor circuit high Input.
P1463 Air Conditioning Pressure Sensor Insufficient Pressure change.
P1464 ACCS to PCM High During Self-Test.
P1469 Low Air Conditioning Cycling Period.
P1473 Fan Secondary High with Fans Off.
P1474 Low Fan Control Primary circuit.
P1479 High Fan Control Primary circuit.
P1480 Fan Secondary Low with Low Fans On.
P1481 Fan Secondary Low with High Fans On.
P1483 Power to Cooling Fan Exceeded Normal Draw.
P1484 Variable Load Control Module Pin 1 Open.
P1500 Vehicle Speed Sensor Intermittent.
P1501 Programmable Speedometer & Odometer Module/Vehicle Speed Sensor Intermittent circuit-failure.
P1502 Invalid or Missing Vehicle Speed Message or Brake Data.
P1504 Intake Air Control circuit malfunction.
P1505 Idle Air Control System at Adaptive Clip.
P1506 Idle Air Control Over Speed Error.
P1507 Idle Air Control Under Speed Error.
P1512 Intake Manifold Runner Control Stuck Closed.
P1513 Intake Manifold Runner Control Stuck Closed.
P1516 Intake Manifold Runner Control Input Error.
P1517 Intake Manifold Runner Control Input Error.
P1518 Intake Manifold Runner Control fault - Stuck Open.
P1519 Intake Manifold Runner Control Stuck Open.
P1520 Intake Manifold Runner Control circuit fault.
P1519 Intake Manifold Runner Control fault - Stuck Closed.
P1520 Intake Manifold Runner Control fault.
P1530 Open or Short to A/C Compressor Clutch circuit.
P1537 Intake Manifold Runner Control Stuck Open.
P1538 Intake Manifold Runner Control Stuck Open.
P1539 Power to A/C Compressor Clutch circuit Exceeded Normal Current Draw.
P1549 Intake Manifold Temperature Valve Vacuum Actuator Connection.
P1550 Power Steering Pressure Sensor out of Self-Test Range.
P1605 PCM Keep Alive Memory Test Error.
P1625 Voltage to Vehicle Load Control Module Fan circuit not detected.
P1626 Voltage to Vehicle Load Control Module circuit not detected.
P1650 Power Steering Pressure Switch out of Self-Test Range.
P1651 Power Steering Pressure Switch Input fault.

P1700 Transmission system problems.
P1701 Reverse Engagement Error.
P1702 Transmission system problems.
P1703 Brake On/Off Switch out of Self-Test Range.
P1704 Transmission system problems.
P1705 Manual Lever Position Sensor out of Self-Test Range.
P1709 Park or Neutral Position Switch out of Self-Test Range.
P1710 Transmission system problems.
P1711 Transmission Fluid Temperature Sensor out of Self-Test Range.
P1713 Thru
P1728 Transmission system problems.
P1729 4x4 Low Switch Error.
P1740 Transmission system problems.
P1741 Torque Converter Clutch Control Error.
P1742 Torque Converter Clutch Solenoid Faulty.
P1743 Torque Converter Clutch Solenoid Faulty.
P1744 Torque Converter Clutch System Stuck in Off Position.
P1745 Transmission system problems.
P1746 Electronic Pressure Control Solenoid - Open circuit.
P1747 Electronic Pressure Control Solenoid - Short circuit.
P1749 Electronic Pressure Control Solenoid Failed Low.
P1751 Shift Solenoid No. 1 Performance.
P1754 Coast Clutch Solenoid circuit malfunction.
P1756 Shift Solenoid No. 2 Performance.
P1760 Transmission system problems.
P1761 Shift Solenoid No. 3 Performance.
P1762 Transmission system problems.
P1767 Transmission system problems.
P1780 Transmission Control Switch circuit is out of Self-Test Range.
P1781 4x4 Low Switch is out of Self-Test Range.
P1783 Transmission Over-Temperature Condition.
P1784 Transmission system problems.
P1785 Transmission system problems.
P1786 Transmission system problems.
P1787 Transmission system problems.
P1788 Transmission system problems.
P1789 Transmission system problems.
P1900 Transmission system problems.

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