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Magnetoresistive Sensors



Speed, rotation, position and angle sensors with wide measuring range

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2002 and newer Chrysler, Dodge, and Jeep Computer Error Codes

Courtesy of "Skidsmadawg96"

[Link: How to get the codes if the following instructions don't work](#)

To get the codes, cycle the ignition key On - Off - On - Off - On within 5 seconds. The odometer will show the P-code. If there are no codes, "Done" will appear. A code P1684 shows that the memory has been cleared recently and is not necessarily a problem. [More instructions and other code lists.](#)

We are linking errors to specific help pages as an ongoing project.

On this page, MAF = mass airflow, MAP = manifold absolute pressure. Few Chrysler vehicles use an MAF. MAP sensors have a tendency to fail without setting codes.

- **P0030 through P0058** - [oxygen sensor heater control problem](#)
 - P0100 MAF Sensor Circuit Insufficient Activity
- P0101 Mass Air Flow (MAF) Sensor Performance
- P0102 Mass Air Flow (MAF) Sensor Circuit Low Frequency
- P0103 Mass Air Flow (MAF) Sensor Circuit High Frequency
- P0104 Mass Air Flow Circuit Intermittent
- P0105 [MAP Sensor](#) Circuit Insufficient Activity
- P0106: MAP sensor voltage out of range detected at startup (probably bad sensor, possibly wiring problem)
- P0107 Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage
- P0108 Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage
- P0109 Manifold Absolute Pressure Circuit Intermittent
- P0110 Intake Air Temperature (IAT) Sensor Circuit
- P0111 Intake Air Temperature (IAT) Sensor Performance
- P0112 Intake Air Temperature (IAT) Sensor Circuit Low Voltage
- P0113 Intake Air Temperature (IAT) Sensor Circuit High Voltage
- P0114 Intake Air Temperature Circuit Intermittent
- P0115 Engine Coolant Temperature (ECT) Sensor Circuit
- P0116 Engine Coolant Temperature (ECT) Sensor Performance
- P0117 Engine Coolant Temperature (ECT) Sensor Circuit Low Voltage

Company/Plants

- P0118 Engine Coolant Temperature (ECT) Sensor Circuit High Voltage
- P0119 Engine Coolant Temperature Circuit Intermittent
- P0120 Throttle Position System Performance
- P0121 Throttle Position Sensor Circuit Insufficient Activity
- P0122 Throttle Position Sensor Circuit Low Voltage
- P0123 Throttle Position Sensor Circuit High Voltage
- P0124 Throttle Position Sensor 1 Circuit Intermittent
- P0125 Engine Coolant Temperature (ECT) Insufficient for Closed Loop Fuel Control
- P0126 Insufficient Engine Coolant Temperature for Stable Operation
- P0128 Coolant Thermostat
- **P0131 to P0167 - [oxygen sensor issues](#)**
- P0169 Fuel Composition Sensor
- P0170 Fuel Trim Bank 1
- P0171 Fuel Trim System Lean Bank 1
- P0172 Fuel Trim System Rich Bank 1
- P0173 Fuel Trim Bank 2
- P0174 Fuel Trim System Lean Bank 2
- P0175 Fuel Trim System Rich Bank 2
- P0176 Fuel Composition Sensor Circuit
- P0177 Fuel Composition Sensor Circuit Performance
- P0178 Fuel Composition Sensor Circuit Low Voltage
- P0179 Fuel Composition Sensor Circuit High Voltage
- P0180 Fuel Temperature Sensor 1 Circuit
- P0181 Fuel Temp. Sensor 1 Circuit Performance
- P0182 Fuel Temperature Sensor Circuit Low Voltage
- P0183 Fuel Temperature Sensor Circuit High Voltage
- P0184 Fuel Temperature Sensor 1 Circuit Intermittent
- P0185 Fuel Temperature Sensor 2 Circuit
- P0186 Fuel Temp. Sensor 2 Circuit Performance
- P0187 Fuel Temperature Sensor 2 Circuit Low Voltage
- P0188 Fuel Temperature Sensor 2 Circuit High Voltage
- P0189 Fuel Temperature Sensor 2 Circuit Intermittent
- P0190 Fuel Rail Pressure Sensor Circuit
- P0191 Fuel Rail Pressure Sensor Circuit Performance
- P0192 Fuel Rail Pressure Sensor Circuit Low Voltage
- P0193 Fuel Rail Pressure Sensor Circuit High Voltage
- P0194 Fuel Rail Pressure Sensor Circuit Intermittent
- P0195 Engine Oil Temperature Sensor
- P0196 Engine Oil Temperature Sensor Performance
- P0197 Engine Oil Temperature Sensor Low Voltage
- P0198 Engine Oil Temperature Sensor High Voltage
- P0199 Engine Oil Temperature Sensor Intermittent
- P0200 Injector Control Circuit
- P0201 Injector 1 Control Circuit

- P0202 Injector 2 Control Circuit
- P0203 Injector 3 Control Circuit
- P0204 Injector 4 Control Circuit
- P0205 Injector 5 Control Circuit
- P0206 Injector 6 Control Circuit
- P0207 Injector 7 Control Circuit
- P0208 Injector 8 Control Circuit
- P0209 Injector 9 Control Circuit
- P0210 Injector 10 Control Circuit
- P0213 Cold Start Injector 1
- P0214 Cold Start Injector 2
- P0215 Engine Shutoff Control Circuit
- P0216 Injection Timing Control Circuit
- P0217 Engine Overtemp Condition
- P0218 [Transmission](#) Fluid Overtemperature
- P0219 Engine Overspeed Condition
- P0220 APP Sensor 2 Circuit
- P0221 APP (Throttle Position) Sensor 2 Circuit Performance
- P0222 APP (Throttle Position) Sensor 2 Circuit Low Voltage
- P0223 APP (Throttle Position) Sensor 2 Circuit High Voltage
- P0224 Throttle Position Sensor 2 Intermittent
- P0225 APP Sensor 3 Circuit
- P0226 APP Sensor 3 Circuit Performance
- P0227 APP Sensor 3 Circuit Low Voltage
- P0228 APP Sensor 3 Circuit High Voltage
- P0229 Throttle Position Sensor 3 Intermittent
- P0230 [Fuel Pump Relay](#) Control Circuit
- P0231 Fuel Pump Feedback Circuit Low Voltage
- P0232 Fuel Pump Feedback Circuit High Voltage
- P0233 Fuel Pump Secondary Circuit Intermittent
- P0234 Turbocharger Engine Overboost Condition
- P0235 Turbocharger Boost Sensor 1 Circuit
- P0236 Turbocharger Boost System
- P0237 Turbocharger Boost Sensor Circuit Low Voltage
- P0238 Turbocharger Boost Sensor Circuit High Voltage
- P0239 Turbocharger Boost Sensor 2 Circuit
- P0240 Turbocharger Boost Sensor 2 Performance
- P0241 Turbocharger Boost Sensor 2 Circuit Low Voltage
- P0242 Turbocharger Boost Sensor 2 Circuit High Voltage
- P0243 Turbocharger Wastegate Solenoid 1
- P0244 Turbocharger Wastegate Solenoid 1 Performance
- P0245 Turbocharger Wastegate Solenoid 1 Low Voltage
- P0246 Turbocharger Wastegate Solenoid 1 High Voltage
- P0247 Turbocharger Wastegate Solenoid 2

- P0248 Turbocharger Wastegate Solenoid 2 Performance
- P0249 Turbocharger Wastegate Solenoid 2 Low Voltage
- P0250 Turbocharger Wastegate Solenoid 2 High Voltage
- P0251 Injection Pump Fuel Metering Control "A" Malfunction (Cam/Rotor/Injector)
- P0252 Injection Pump Fuel Metering Control "A" Range/Performance (Cam/Rotor/Injector)
- P0253 Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)
- P0254 Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)
- P0255 Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)
- P0256 Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)
- P0257 Injection Pump Fuel Metering Control "B" Range/Performance (Cam/Rotor/Injector)
- P0258 Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
- P0259 Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)
- P0260 Injection Pump Fuel Metering Control "B" Intermittent (Cam/Rotor/Injector)
- P0261 Cylinder 1 Injector Circuit Low
- P0262 Cylinder 1 Injector Circuit High
- P0263 Cylinder 1 Contribution/Balance Fault
- P0264 Cylinder 2 Injector Circuit Low
- P0265 Cylinder 2 Injector Circuit High
- P0266 Cylinder 2 Contribution/Balance Fault
- P0267 Cylinder 3 Injector Circuit Low
- P0268 Cylinder 3 Injector Circuit High
- P0269 Cylinder 3 Contribution/Balance Fault
- P0270 Cylinder 4 Injector Circuit Low
- P0271 Cylinder 4 Injector Circuit High
- P0272 Cylinder 4 Contribution/Balance Fault
- P0273 Cylinder 5 Injector Circuit Low
- P0274 Cylinder 5 Injector Circuit High
- P0275 Cylinder 5 Contribution/Balance Fault
- P0276 Cylinder 6 Injector Circuit Low
- P0277 Cylinder 6 Injector Circuit High
- P0278 Cylinder 6 Contribution/Balance Fault
- P0279 Cylinder 7 Injector Circuit Low
- P0280 Cylinder 7 Injector Circuit High
- P0281 Cylinder 7 Contribution/Balance Fault
- P0282 Cylinder 8 Injector Circuit Low
- P0283 Cylinder 8 Injector Circuit High
- P0284 Cylinder 8 Contribution/Balance Fault
- P0285 Cylinder 9 Injector Circuit Low
- P0286 Cylinder 9 Injector Circuit High
- P0287 Cylinder 9 Contribution/Balance Fault
- P0288 Cylinder 10 Injector Circuit Low
- P0289 Cylinder 10 Injector Circuit High
- P0290 Cylinder 10 Contribution/Balance Fault
- P0300 Engine Misfire Detected

- **P0301 to P0312** — **Cylinder misfire detected** where the last two digits are the cylinder number, e.g. P0303 = cylinder #3.
- P0313 Misfire Detected With Low Fuel Level
- P0318 Rough Road Sensor Circuit
- P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction
- P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance
- P0322 IC Module 4X Reference CKT No Frequency
- P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent
- P0324 [Knock Sensor](#) (KS) Module Performance
- P0325 PCM Knock Sensor Circuit
- P0326 Knock Sensor CKT Excessive Spark Retard
- P0327 Knock Sensor Circuit Low Voltage
- P0328 [Knock Sensor](#) 1 Circuit High Input (Bank 1 or Single Sensor)
- P0329 Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)
- P0330 Knock Sensor (KS) Circuit Bank 2
- P0331 Knock Sensor 2 Circuit Range/Performance (Bank 2)
- P0332 [Knock Sensor](#) 2 Circuit Low Input (Bank 2)
- P0333 Knock Sensor 2 Circuit High Input (Bank 2)
- P0334 Knock Sensor 2 Circuit Intermittent (Bank 2)
- P0335 crankshaft positionSensor A Circuit Performance
- P0336 Crankshaft Position (CKP) Sensor A Performance
- P0337 Crankshaft Position (CKP) Sensor Circuit Low Duty Cycle
- P0338 Crankshaft Position (CKP) Sensor Circuit High Duty Cycle
- P0339 Crankshaft Position (CKP) Sensor Circuit Intermittent
- P0340 Camshaft Position (CMP) Sensor Circuit
- P0341 Camshaft Position (CMP) Sensor Performance
- P0342 Camshaft Position Sensor Circuit Low Input
- P0343 Camshaft Position Sensor Circuit High Input
- P0344 Camshaft Position Sensor Circuit Intermittent
- P0350 Ignition Coil Primary/Secondary Circuit Malfunction
- **P0351 - P0358** - Coil is not reaching peak current at the right time (last digit is coil number, e.g. P0353 = coil #3)
- P0359 Ignition Coil I Primary/Secondary Circuit Malfunction
- P0360 Ignition Coil J Primary/Secondary Circuit Malfunction
- P0361 Ignition Coil K Primary/Secondary Circuit Malfunction
- P0362 Ignition Coil L Primary/Secondary Circuit Malfunction
- P0370 Timing Reference High Resolution Signal A Malfunction
- P0371 IC 24X Reference CKT Too Many Pulses
- P0372 IC 24X Reference Circuit Missing Pulses
- P0373 Timing Reference High Resolution Signal A Intermittent/Erratic Pulses
- P0374 Timing Reference High Resolution Signal A No Pulses
- P0375 Timing Reference High Resolution Signal B Malfunction
- P0376 Timing Reference High Resolution Signal B Too Many Pulses
- P0377 Timing Reference High Resolution Signal B Too Few Pulses

- P0378 Timing Reference High Resolution Signal B Intermittent/Erratic Pulses
- P0379 Timing Reference High Resolution Signal B No Pulses
- P0380 Glow Plug/Heater Circuit "A" Malfunction
- P0381 Glow Plug/Heater Indicator Circuit Malfunction
- P0382 [Exhaust](#) Gas Recirculation Flow Malfunction
- P0385 Crankshaft Position (CKP) Sensor B Circuit
- P0386 Crankshaft Position (CKP) Sensor B Performance
- P0387 [Crankshaft Position Sensor](#) B Circuit Low Input
- P0388 Crankshaft Position Sensor B Circuit High Input
- P0389 Crankshaft Position Sensor B Circuit Intermittent
- P0400 [Exhaust](#) Gas Recirculation Flow Malfunction
- P0401 Exhaust Gas Recirculation (EGR) Flow Insufficient
- P0402 Exhaust Gas Recirculation Flow Excessive Detected
- P0403 Exhaust Gas Recirculation (EGR) Solenoid Control Circuit
- P0404 [Exhaust](#) Gas Recirculation (EGR) Open Position Performance
- P0405 Exhaust Gas Recirculation (EGR) Position Sensor Circuit Low Voltage
- P0406 Exhaust Gas Recirculation Sensor A Circuit High
- P0407 Exhaust Gas Recirculation Sensor B Circuit Low
- P0408 [Exhaust](#) Gas Recirculation Sensor B Circuit High
- P0410 Secondary Air Injection (AIR) System
- P0411 Secondary Air Injection (AIR) System
- P0412 Secondary Air Injection (AIR) Solenoid Relay Control Circuit Bank 1
- P0413 Secondary Air Injection System Switching Valve A Circuit Open
- P0414 Secondary Air Injection System Switching Valve A Circuit Shorted
- P0415 Secondary Air Injection System Switching Valve B Circuit Malfunction
- P0416 Secondary Air Injection System Switching Valve B Circuit Open
- P0417 Secondary Air Injection System Switching Valve B Circuit Shorted
- P0418 Secondary Air Injection (AIR) Pump Relay Control Circuit Bank 1
- P0419 Secondary Air Injection (AIR) Pump Relay Control Circuit Bank 2
- P0420 Catalyst System Low Efficiency
- P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)
- P0422 Catalyst System Low Efficiency Bank 1
- P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)
- P0424 Heated Catalyst Temperature Below Threshold (Bank 1)
- P0430 Catalyst System Low Efficiency Bank 2
- P0431 Warm Up Catalyst Efficiency Below Threshold (Bank 2)
- P0432 Catalyst System Low Efficiency Bank 2
- P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)
- P0434 Heated Catalyst Temperature Below Threshold (Bank 2)
- P0440 Evaporative Emission (EVAP) System
- P0441 Evaporative Emission Control System Incorrect Purge Flow
- P0442 Evaporative Emission (EVAP) System Small Leak Detected (*often this is a loose or bad gas cap!*)
- P0443 EVAP Purge Solenoid Valve 1 Control CKT

- P0444 Evaporative Emission Control System Purge Control Valve Circuit Open
- P0445 Evaporative Emission Control System Purge Control Valve Circuit Shorted
- P0446 EVAP Vent Solenoid Valve Control System
- P0447 Evaporative Emission Control System Vent Control Circuit Open
- P0448 Evaporative Emission Control System Vent Control Circuit Shorted
- P0449 Evaporative Emission (EVAP) Vent Solenoid Control Circuit
- P0450 Fuel Tank Pressure Sensor Circuit
- P0451 Evaporative Emission Control System Pressure Sensor Range/Performance
- P0452 Fuel Tank Pressure Sensor Circuit Low Voltage
- P0453 Fuel Tank Pressure Sensor Circuit High Voltage
- P0454 Evaporative Emission Control System Pressure Sensor Intermittent
- P0455 Evaporative Emission (EVAP) System Leak Detected
- P0460 Fuel Level Sensor Circuit
- P0461 Fuel Level Sensor Performance
- P0462 Fuel Level Sensor Circuit Low Voltage
- P0463 Fuel Level Sensor Circuit High Voltage
- P0464 Fuel Level Sensor Circuit Intermittent
- P0465 Purge Flow Sensor Circuit Malfunction
- P0466 Purge Flow Sensor Circuit Range/Performance
- P0467 Purge Flow Sensor Circuit Low Input
- P0468 Purge Flow Sensor Circuit High Input
- P0469 Purge Flow Sensor Circuit Intermittent
- P0470 [Exhaust](#) Pressure Sensor Malfunction
- P0471 Exhaust Pressure Sensor Range/Performance
- P0472 Exhaust Pressure Sensor Low
- P0473 Exhaust Pressure Sensor High
- P0474 [Exhaust](#) Pressure Sensor Intermittent
- P0475 Exhaust Pressure Control Valve Malfunction
- P0476 Exhaust Pressure Control Valve Range/Performance
- P0477 Exhaust Pressure Control Valve Low
- P0478 [Exhaust](#) Pressure Control Valve High
- P0479 Exhaust Pressure Control Valve Intermittent
- P0480 Cooling Fan Relay 1 Control Circuit
- P0481 Cooling Fan Relay 2 Control Circuit
- P0482 Cooling Fan 3 Control Circuit Malfunction
- P0483 Cooling Fan Rationality Check Malfunction
- P0484 Cooling Fan Circuit Over Current
- P0485 Cooling Fan Power/Ground Circuit Malfunction
- P0496 Evaporative Emission (EVAP) System Flow During Non-Purge
- P0500 [Vehicle Speed Sensor](#) (VSS) Circuit
- P0501 Vehicle Speed Sensor Range/Performance
- P0502 Vehicle Speed Sensor (VSS) Circuit Low Input
- P0503 Vehicle Speed Sensor (VSS) Circuit Intermittent
- P0505 Idle Control System Malfunction

- P0506 Idle Speed Low
- P0507 Idle Speed High
- P0510 Closed Throttle Position Switch Malfunction
- P0512 Start Switch Circuit
- P0513 — Theft prevention system misread SentryKey *or* you accidentally put the wrong key into or near the ignition.
- P0520 Engine Oil Pressure Sensor/Switch Circuit Malfunction
- P0521 Engine Oil Pressure Sensor/Switch Circuit Range/Performance
- P0522 Engine Oil Pressure Sensor/Switch Circuit Low Voltage
- P0523 Engine Oil Pressure Sensor/Switch Circuit High Voltage
- P0530 A/C Refrigerant Pressure Sensor Circuit Malfunction
- P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance
- P0532 Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit Low Voltage
- P0533 Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit High Voltage
- P0534 Air Conditioner Refrigerant Charge Loss
- P0550 Power [Steering](#) Pressure (PSP) Switch Circuit
- P0551 Power Steering Pressure Sensor Circuit Range/Performance
- P0552 Power Steering Pressure Sensor Circuit Low Input
- P0553 Power Steering Pressure Sensor Circuit High Input
- P0554 Power [Steering](#) Pressure Sensor Circuit Intermittent
- P0560 System Voltage
- P0561 System Voltage Unstable
- P0562 System Voltage Low
- P0563 System Voltage High
- P0565 Cruise Control On Signal Malfunction
- P0566 Cruise Control Off Signal Malfunction
- P0567 Cruise Control Resume Signal Malfunction
- P0568 Cruise Control Set Signal Malfunction
- P0569 Cruise Control Coast Signal Malfunction
- P0570 Cruise Control Accel Signal Malfunction
- P0571 Cruise Control Brake Switch Circuit
- P0573 Cruise Control/Brake Switch A Circuit High
- P0574 Vehicle Speed Too High - Cruise Control Disabled
- P0575 Cruise Control Related Malfunction
- P0576 Cruise Control Related Malfunction
- P0576 Cruise Control Related Malfunction
- P0578 Cruise Control Related Malfunction
- P0579 Cruise Control Related Malfunction
- P0580 Cruise Control Related Malfunction
- P0600 Serial Communication Link Malfunction
- P0601 Control Module Read Only Memory (ROM)
- P0602 Control Module Not Programmed
- P0603 Control Module Long Term Memory Reset
- P0604 Control Module Random Access Memory (RAM)

- P0605 Control Module Programming Read Only Memory (ROM)
- P0606 Control Module Internal Performance
- P0607 ECU Malfunction
- P0608 Control Module VSS Output "A" Malfunction
- P0609 Control Module VSS Output "B" Malfunction
- P0610 Control Module Vehicle Options Incorrect
- P0615 [Starter Relay](#) Control Circuit
- P0616 Starter Relay Control Circuit Low Voltage
- P0617 Starter Relay Control Circuit High Voltage
- P0620 Generator Control Circuit Malfunction
- P0621 Generator L-Terminal Circuit
- P0622 Generator F-Terminal Circuit
- P0625 Generator F-Terminal Circuit Low Voltage
- P0626 Generator F-Terminal Circuit High Voltage
- P0628 [Fuel Pump Relay](#) Control Circuit Low Voltage
- P0629 Fuel Pump Relay Control Circuit High Voltage
- P0638 [Throttle Actuator](#) Control (TAC) Command Performance
- P0645 Air Conditioning (A/C) Clutch Relay Control Circuit
- P0646 Air Conditioning (A/C) Clutch Relay Control Circuit
- P0647 Air Conditioning (A/C) Clutch Relay Control Circuit
- P0650 Malfunction Indicator Lamp (MIL) Control Circuit
- P0654 Engine RPM Output Circuit Malfunction
- P0655 Engine Hot Lamp Output Control Circuit Malfunction
- P0656 Fuel Level Output Circuit Malfunction
- P0660 Intake Manifold Tuning (IMT) Valve Solenoid Control Circuit
- P0661 Intake Manifold Tuning (IMT) Valve Solenoid Control Circuit Low Voltage
- P0662 Intake Manifold Tuning (IMT) Valve Solenoid Control Circuit High Voltage
- P0691 Cooling Fan Relay Control Circuit Low Voltage
- P0693 Cooling Fan Relay Control Circuit Low Voltage
- P0692 Cooling Fan Relay Control Circuit High Voltage
- P0694 Cooling Fan Relay Control Circuit High Voltage
- P0700 [Transmission](#) Control System Malfunction
- P0701 Transmission Control System Range/Performance
- P0702 Transmission Control System Electrical
- P0703 Brake Switch Circuit Malfunction
- P0704 Clutch Switch Input Circuit Malfunction
- P0705 Trans Range Switch Circuit
- P0706 Trans Range Switch Performance
- P0707 [Transmission](#) Range Sensor Circuit Low Input
- P0708 Transmission Range Sensor Circuit High Input
- P0709 Transmission Range Sensor Circuit Intermittent
- P0710 Transmission Fluid Temperature Sensor Circuit Malfunction
- P0711 TFT Sensor Circuit Range/Performance
- P0712 [Transmission](#) Fluid Temperature (TFT) Sensor Circuit Low Input

- P0713 Transmission Fluid Temperature (TFT) Sensor Circuit High Input
- P0714 Transmission Fluid Temperature Sensor Circuit Intermittent
- P0715 Input/Turbine Speed Sensor Circuit Malfunction
- P0716 Input Speed Sensor Circuit Intermittent
- P0717 Input Speed Sensor Circuit Low Input
- P0718 Input/Turbine Speed Sensor Circuit Intermittent
- P0719 Brake Switch Circuit Low Input
- P0720 Output Speed Sensor Circuit Malfunction
- P0721 Output Speed Sensor Range/Performance
- P0722 Output Speed Sensor Circuit Low Input
- P0723 Output Speed Sensor Intermittent
- P0724 Brake Switch Circuit High Input
- P0725 Engine Speed Input Circuit
- P0726 Engine Speed Input Circuit Range/Performance
- P0727 Engine Speed Circuit No Signal
- P0728 Engine Speed Input Circuit Intermittent
- P0730 Incorrect Gear Ratio
- P0731 Incorrect 1st Gear Ratio
- P0732 Incorrect 2nd Gear Ratio
- P0733 Incorrect 3rd Gear Ratio
- P0734 Incorrect 4th Gear Ratio
- P0735 Gear 5 Incorrect ratio
- P0736 Reverse incorrect gear ratio
- P0740 TCC Enable Solenoid Circuit Electrical
- P0741 TCC System Stuck Off
- P0742 TCC System Stuck On
- P0743 TCC Enable Solenoid Circuit Electrical
- P0744 Torque Converter Clutch Circuit Intermittent
- P0745 [Pressure Control Solenoid](#) Malfunction
- P0746 Pressure Control Solenoid Performance or Stuck Off
- P0747 Pressure Control Solenoid Stuck On
- P0748 Pressure Control Solenoid Circuit Electrical
- P0749 [Pressure Control Solenoid](#) Intermittent
- P0750 Shift Solenoid A Malfunction
- P0751 1-2 Shift Solenoid Valve Performance - No First or Fourth Gear
- P0752 1-2 Shift Solenoid Valve Performance - No Second or Third Gear
- P0753 1-2 Shift Solenoid Circuit Electrical
- P0754 Shift Solenoid A Intermittent
- P0755 Shift Solenoid B Malfunction
- P0756 2-3 Shift Solenoid Valve Performance - No First or Second Gear
- P0757 2-3 Shift Solenoid Valve Performance - No Third or Fourth Gear
- P0758 2-3 Shift Solenoid Circuit Electrical
- P0759 Shift Solenoid B Intermittent
- P0760 Shift Solenoid C Malfunction

- P0761 Shift Solenoid C Performance or Stuck Off
- P0762 Shift Solenoid C Stuck On
- P0763 Shift Solenoid C Electrical
- P0764 Shift Solenoid C Intermittent
- P0765 Shift Solenoid D Malfunction
- P0766 Shift Solenoid D Performance or Stuck Off
- P0767 Shift Solenoid D Stuck On
- P0768 Shift Solenoid D Electrical
- P0769 Shift Solenoid D Intermittent
- P0770 Shift Solenoid E Malfunction
- P0771 Shift Solenoid E Performance or Stuck Off
- P0772 Shift Solenoid E Stuck On
- P0773 Shift Solenoid E Electrical
- P0774 Shift Solenoid E Intermittent
- P0780 Shift Malfunction
- P0781 1-2 Shift Malfunction
- P0782 2-3 Shift Malfunction
- P0783 3-4 Shift Malfunction
- P0784 4-5 Shift Malfunction
- P0785 3-2 Shift Solenoid Circuit Electrical
- P0786 Shift/Timing Solenoid Range/Performance
- P0787 Shift/Timing Solenoid Low
- P0788 Shift/Timing Solenoid High
- P0789 Shift/Timing Solenoid Intermittent
- P0790 Normal/Performance Switch Circuit Malfunction
- P0801 Reverse Inhibit Control Circuit Malfunction
- P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction
- P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction
- P0850 Park/Neutral Position (PNP) Switch Circuit
- P0856 Powertrain Indicated Traction Control Malfunction
- P1031 Oxygen Sensor Heater Current Monitor Control Circuit Banks 1 and 2 Sensor 1
- P1032 Oxygen Sensor Heater Warm Up Control Circuit Banks 1 and 2 Sensor 1
- P1105 Secondary Vacuum Sensor Circuit
- P1106 Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
- P1107 Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent
- P1108 BARO to [MAP Sensor](#) Comparison Too High
- P1109 Secondary Port Throttle System
- P1111 Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage
- P1112 Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage
- P1113 Intake Resonance Switchover Solenoid Control Circuit
- P1114 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage
- P1115 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage
- P1116 ECT Signal Unstable or Intermittent
- P1117 Engine Coolant Temp. Signal Out-Of-Range Low

- P1118 Engine Coolant Temp. Signal Out-Of-Range High
- P1119 ECT Signal Out-Of-Range With TFT Sensor
- P1120 Throttle Position Sensor 1 Circuit
- P1121 Throttle Position Sensor Circuit Intermittent High Voltage
- P1122 Throttle Position Sensor Circuit Intermittent Low Voltage
- P1125 APP System
- **P1130 to P1165 - [oxygen sensor issues](#)**
- P1170 Bank to Bank Fuel TrimOffset
- P1171 Fuel System Lean During Acceleration
- P1172 Fuel Transfer Pump Flow Insufficient
- P1185 Engine Oil Temperature Circuit
- P1186 EOT Circuit Performance
- P1187 EOT Sensor Ckt. Low Voltage
- P1188 EOT Sensor Ckt. High Voltage
- P1189 Engine Oil Pressure (EOP) Switch Circuit
- P1190 Engine Vacuum Leak
- P1191 Intake Air Duct Air Leak
- **P1192** - Inlet Air Temp. Circuit Low
- **P1193** - Inlet Air Temp. Circuit High
- **P1195** - Oxygen sensor heater circuit is bad
- **P1195** - Oxygen sensor reacts too slowly
- **P1196** - 2/1 Oxygen Sensor Slow During Catalyst Monitor
- **P1197** - 1/2 Oxygen Sensor Slow During Catalyst Monitor
- **P1198** - Radiator Temperature Sensor Volts Too High
- **P1199** - Radiator Temperature Sensor Volts Too Low
- P1200 Injector Control Circuit
- P1201 (Alt. Fuel) Gas Mass Sensor Circuit Range/Performance
- P1202 (Alt. Fuel) Gas Mass Sensor Circuit Low Frequency
- P1203 (Alt. Fuel) Gas Mass Sensor Circuit High Frequency
- P1211 Mass Air Flow Circuit Intermittent High
- P1212 Mass Air Flow Circuit Intermittent Low
- P1214 Injection Pump Timing Offset
- P1215 Ground Fault Detection Indicated
- P1216 Fuel Solenoid Response Time Too Short
- P1217 Fuel Solenoid Response Time Too Long
- P1218 Injection Pump Calibration Circuit
- P1219 Throttle Position Sensor Reference Voltage
- P1220 Throttle Position Sensor 2 Circuit
- P1221 Fuel Pump Secondary Circuit Low
- P1222 Injector Control Circuit Intermittent
- P1225 Injector Circuit Cylinder 2 Intermittent
- P1228 Injector Circuit Cylinder 3 Intermittent
- P1231 Injector Circuit Cylinder 4 Intermittent
- P1234 Injector Circuit Cylinder 5 Intermittent

- P1237 Injector Circuit Cylinder 6 Intermittent
- P1240 Injector Circuit Cylinder 7 Intermittent
- P1243 Injector Circuit Cylinder 8 Intermittent
- P1245 Intake Plenum Switchover Valve
- P1250 Early Fuel Evaporation Heater Circuit
- P1257 Supercharger System Overboost
- P1258 Engine Coolant Overtemperature - Protection Mode Active
- P1260 Last Test Failed Failed SCC ENTER:More Info.
- P1270 Accelerator Pedal Position Sensor A/D Converter Error
- P1271 Accelerator Pedal Position (APP) Sensor 1-2 Correlation
- P1272 Accelerator Pedal Position Sensor 2
- P1273 "Accelerator Pedal Position Sensor 1
- P1274 Injectors Wired Incorrectly
- P1275 Accelerator Pedal Position (APP) Sensor 1 Circuit
- P1276 Accelerator Pedal Position Sensor 1 Circuit Performance
- P1277 Accelerator Pedal Position Sensor 1 Circuit Low Voltage
- P1278 Accelerator Pedal Position Sensor 1 Circuit High Voltage
- P1280 Accelerator Pedal Position (APP) Sensor 2 Circuit
- **P1281** - The engine is staying cold too long - check your thermostat.
- **P1282** - [Fuel Pump Relay](#) Control Circuit
- **P1283** - Idle Select Signal Invalid
- **P1284** - Fuel Injection Pump [Battery](#) Voltage Out Of Range
- **P1285** - Fuel Injection Pump Controller Always On
- **P1286** - Accelerator Pedal Position Sensor Supply Voltage Too High
- **P1287** - Fuel Injection Pump Controller Supply Voltage Low
- **P1288** - The intake manifold short runner tuning valve circuit seems to be having a problem.
- **P1289** - There's a problem in the manifold tuning valve solenoid control circuit.
- **P1290** - Compressed natural gas system pressure is too high
- **P1291** - The heated air intake sensor does not seem to be working
- **P1292** - Natural gas pressure sensor issue (too high)
- **P1293** - Natural gas pressure sensor issue (too low)
- **P1294** - Can't get to target engine speed, check for vacuum leaks and idle speed motor issues.
- **P1295** - The throttle position sensor doesn't seem to be getting enough electricity.
- **P1296** - The [MAP sensor](#) doesn't seem to be getting enough electricity.
- **P1297** - The MAP sensor doesn't change its reading when the engine is running!
- **P1298** - During wide-open throttle, the engine runs lean.
- **P1299** - MAP Sensor and Throttle Position Sensor signals don't match, check for a vacuum leak
- P1300 Ignitor Circuit
- P1305 Ignition Coil 2 Primary Feedback Circuit
- P1310 Ignition Coil 3 Primary Feedback Circuit
- P1315 Ignition Coil 4 Primary Feedback Circuit
- P1320 IC 4X Reference Circuit Intermittent
- P1321 Electronic Ignition System Fault Line

- P1322 EI System or Ignition Control Extra or Missing
- P1323 IC 24X Reference Circuit Low Frequency
- P1324 Crank RPM Too Low
- P1335 crankshaft positionCircuit
- P1336 Crankshaft Position (CKP) System Variation Not Learned
- P1345 Crankshaft Position (CKP)-Camshaft Position (CMP) Correlation
- P1346 Intake Camshaft Position [CMP] Sensor System Performance
- P1350 Ignition Control System
- P1351 Ignition Coil Control Circuit High Voltage
- P1352 IC Output High/Pulse Detected when Ground — Cylinder 2
- P1353 IC Output High/Pulse Detected when Ground — Cylinder 3
- P1354 IC Output High/Pulse Detected when Ground — Cylinder 4
- P1355 IC Output High/Pulse Detected when Ground — Cylinder 5
- P1356 IC Output High/Pulse Detected when Ground — Cylinder 6
- P1357 IC Output High/Pulse Detected when Ground — Cylinder 7
- P1358 IC Output High/Pulse Detected when Ground — Cylinder 8
- P1359 Ignition Coil Group 1 Control Circuit
- P1360 Ignition Coil Group 2 Control Circuit
- P1361 Ignition Coil Control Circuit Low Voltage
- P1362 IC Cylinder 2 Not Toggling After Enable
- P1363 IC Cylinder 3 Not Toggling After Enable
- P1364 IC Cylinder 4 Not Toggling After Enable
- P1365 IC Cylinder 5 Not Toggling After Enable
- P1366 IC Cylinder 6 Not Toggling After Enable
- P1367 IC Cylinder 7 Not Toggling After Enable
- P1368 IC Cylinder 8 Not Toggling After Enable
- P1370 IC 4X Reference Circuit Too Many Pulses
- P1371 IC 4X Reference Circuit Too Few Pulses
- P1372 Crankshaft Position (CKP) Sensor A-B Correlation
- P1374 3X Reference Circuit
- P1375 IC 24X Reference Circuit High Voltage
- P1376 Ignition Ground Circuit
- P1377 IC Cam Pulse To 4X Reference Pulse
- P1380 Misfire Detected - Rough Road Data Not Available
- P1381 Misfire Detected - No Communication with Brake Control Module
- **P1388** - Auto Shutdown (ASD) Relay Control Circuit
- **P1389** - Auto shutdown relay circuit problems? — No Auto Shutdown (ASD) Relay Output Voltage At PCM
- **P1390** - Cam and crank signals don't match - did the timing belt skip a tooth?
- **P1391** - Intermittent loss of camshaft position sensor or [crankshaft position sensor](#)
 - Rich pointed out that possibilities include a dead or badly installed camshaft position sensor; valve timing out of spec; sensor relearning required with a scan tool; or a damaged tone wheel or pulse ring. ImperialCrown wrote that the cam position is used mainly to synchronize fuel injectors, the crank position is needed to know when to spark. A good scan tool can usually pick up the problem by monitoring the sensors; a bad one will sometimes get

“lost.” Timing chain and water pump sensors can cause the code to be set (if timing marks are out of range). The 2.4 engine was known for going through [cam sensors](#) for a while (see [cam sensor replacement steps](#))

- P1392 Wheel Speed Sensor 1 - G - Sensor Circuit Low Voltage
- P1393 Wheel Speed Sensor 1 - G - Sensor Circuit High Voltage
- P1394 Wheel Speed Sensor 1 - G - Sensor Circuit Intermittent
- P1395 Wheel Speed Sensor 2 - G - Sensor Circuit
- P1396 Wheel Speed Sensor 2 - G - Sensor Circuit Performance
- P1397 Wheel Speed Sensor 2 - G - Sensor Circuit Low Voltage
- **P1398** - Mis-Fire Adapter Numerator at Limit
- **P1399** - Wait To Start Lamp Circuit
- **P1403** - [Exhaust](#) Gas Recirculation System Valve 1 *or* Not getting 5 volts at EGR sensor
- **P1404** - Exhaust Gas Recirculation (EGR) Closed Position Performance
- P1405 Exhaust Gas Recirculation System Valve 3
- P1406 [EGR Valve](#) Pintle Position Circuit
- P1407 EGR Air Intrusion in [Exhaust](#) Supply to [EGR Valve](#)
- P1408 Intake Manifold Pressure Sensor Circuit
- P1409 EGR Vacuum System Leak
- P1410 Fuel Tank Pressure System
- P1415 Secondary Air Injection (AIR) System Bank 1
- P1416 Secondary Air Injection (AIR) System Bank 2
- P1418 Secondary Air Injection System Relay A Control Circuit High
- P1420 Intake Air Low Pressure Switch Circuit Low Voltage
- P1421 Intake Air Low Pressure Switch Circuit High Voltage
- P1423 Intake Air High Pressure Switch Circuit High Voltage
- P1431 Fuel Level Sensor 2 Circuit Performance
- P1432 Fuel Level Sensor 2 Circuit Low Voltage
- P1433 Fuel Level Sensor 2 Circuit High Voltage
- P1441 Evaporative Emission (EVAP) System Flow During Non-Purge
- P1442 EVAP Vacuum Sw. High Voltage During Ign. On
- P1450 Barometric Pressure Sensor Circuit
- P1451 Barometric Press. Sensor Performance
- P1460 Cooling Fan Control System
- P1460 Misfire Detected With Low Fuel Level
- **P1475** - Aux. 5 Volt Output Too High
- **P1476** - Too Little Secondary Air
- **P1477** - Too Much Secondary Air
- **P1478** - [Battery](#) Temp Sensor Volts Out of Limit
- **P1479** - [Transmission](#) Fan Relay Circuit
- **P1480** - PCV Solenoid Valve
- **P1482** - Catalyst Temperature Sensor Circuit Shorted Low
- **P1483** - Catalyst Temperature Sensor Circuit Shorted High
- **P1484** - [Catalytic Converter](#) Overheat Detected
- **P1485** - Air Injection Solenoid Circuit

- **P1486** - Evap Leak Monitor Pinched Hose
- **P1487** - Hi Speed Rad Fan Control Relay Circuit
- **P1488** - Auxiliary 5 Volt Supply Output Too Low
- **P1489** - High Speed Fan Control Relay Circuit
- **P1490** - Low Speed Fan Control Relay Circuit
- **P1491** - Rad Fan Control Relay Circuit
- **P1492** - [Battery](#) Temperature Sensor Voltage Too High
- **P1493** - Battery Temperature Sensor Voltage Too Low
- **P1494** - Leak Detection Pump Switch or Mechanical Fault
- **P1495** - Leak detection pump solenoid circuit
- **P1496** - 5 Volts not being supplied where needed
- **P1498** - High speed radiator fan ground control relay circuit problem
- P1500 Starter Signal Circuit
- P1501 Theft Deterrent System
- P1501 [Vehicle Speed Sensor](#) Circuit Intermittent
- P1502 Theft Deterrent Fuel Enable Signal Not Received
- P1503 Theft Deterrent Fuel Enable Signal Not Correct
- P1504 Vehicle Speed Output Circuit
- P1508 Idle Speed Low - Idle Air Control (IAC) System Not Responding
- P1509 Idle Speed High - Idle Air Control (IAC) System Not Responding
- P1510 Throttle Control System Performance - Throttle Limitation Active
- P1511 Throttle Control System - Backup System Performance
- P1514 Airflow to TP Sensor Correlation High
- P1515 Electronic Throttle System Throttle Position
- P1516 [Throttle Actuator](#) Control (TAC) Module [Throttle Actuator](#) Position Performance
- P1517 Electronic Throttle Module
- P1518 Electronic Throttle Module to PCM Communication
- P1519 Throttle Actuator Control (TAC) Module Internal Circuit
- P1520 [Transmission](#) Range Switch Circuit
- P1521 Transmission Engaged at High Throttle Angle
- P1522 Park/Neutral to Drive/Reverse at High RPM
- P1523 Throttle Closed Position Performance
- P1524 Throttle Closed Position Performance
- P1525 Throttle Body ServiceRequired
- P1526 Minimum Throttle Position Not Learned
- P1527 [Transmission](#) Range to Pressure Switch Correlation
- P1528 Governor
- P1529 Heated Windshield Request Problem
- P1530 [Throttle Actuator](#) Control (TAC) Module Internal Circuit
- P1531 A/C Low Side Temperature Sensor Fault
- P1532 A/C Evaporator Temp. Sens. Ckt. Low Voltage
- P1533 A/C Evaporator Temp. Sens. Ckt. High Voltage
- P1534 A/C High Side Temp. Sensor Low Voltage

- P1535 A/C High Side Temperature Sensor Circuit
- P1536 Engine Coolant Overtemperature - Air Conditioning (A/C) Disabled
- P1537 A/C Request Circuit Low Voltage
- P1538 A/C Request Circuit High Voltage
- P1539 A/C Clutch Status Circuit High Voltage
- P1540 Air Conditioning (A/C) Refrigerant Overpressure - Air Conditioning (A/C) Disabled
- P1541 A/C High Side Over Temperature
- P1542 A/C System High Pressure High Temperature
- P1543 A/C System Performance
- P1544 A/C Refrigerant Condition Very Low
- P1545 Air Conditioning (A/C) Clutch Relay Control Circuit
- P1546 A/C Clutch Status Circuit Low Voltage
- P1547 A/C System Performance Degraded
- P1548 A/C Recirculation Circuit
- P1551 Throttle Valve Rest Position Not Reached During Learn
- P1554 Cruise Control Feedback Circuit
- P1555 Electronic Variable Orifice Output
- P1558 Cruise Control Servo Indicates Low
- P1559 Cruise Control Power Management Mode
- P1560 Transaxle Not in Drive - Cruise Control Disabled
- P1561 Cruise Vent Solenoid
- P1562 Cruise Vacuum Solenoid
- P1563 Cruise Vehicle Speed/Set Speed Difference Too High
- P1564 Vehicle Acceleration Too High - Cruise Control Disabled
- P1565 Cruise Servo Position Sensor
- P1566 Engine RPM Too High - Cruise Control Disabled
- P1567 Active Banking Control Active - Cruise Control Disabled
- P1568 Cruise Servo Stroke Greater than Commanded in Cruise
- P1569 Cruise Servo Stroke High While not in Cruise
- P1570 Traction Control Active - Cruise Control Disabled
- P1571 Traction Control Torque Request Circuit
- P1572 ASR Active Circuit Low Too Long
- P1573 PCM/EBTCM Serial Data Circuit
- P1574 Stoplamp Switch Circuit
- P1575 Extended Travel Brake Switch Circuit
- P1576 BBV Sensor Ckt. High Voltage
- P1577 BBV Sensor Ckt. Low Voltage
- P1578 BBV Sensor Ckt. Low Vacuum
- P1579 P/N to D/R at High Throttle Angle - Power Reduction Mode Active
- P1580 Cruise Move Circuit Low Voltage
- P1581 Cruise Move Circuit High Voltage
- P1582 Cruise Direction Circuit Low Voltage
- P1583 Cruise Direction Circuit High Voltage
- P1584 Cruise Control Disabled

- P1585 Cruise Control Inhibit Output Circuit
- P1586 Cruise Control Brake Switch 2 Circuit
- P1587 Cruise Control Clutch Control Circuit Low
- P1588 Cruise Control Clutch Control Circuit High
- **P1594** - Charging System Voltage Too High
- **P1595** - Speed Control Solenoid Circuits
- **P1596** - Speed Control Switch Always High
- **P1597** - Speed Control Switch Always Low
- **P1598** - A/C Pressure Sensor Volts Too High
- **P1599** - A/C Pressure Sensor Volts Too Low
- P1599 Engine Stall or Near Stall Detected
- P1600 TCM Internal Watchdog Operation
- P1601 Serial Comm. Problem With Device 1
- **P1602** - PCM Not Programmed
- P1603 Loss of SDM Serial Data
- P1604 Loss of IPC Serial Data
- P1605 Loss of HVAC Serial Data
- P1606 Serial Communication Problem With Device 6
- P1607 Serial Communication Problem With Device 7
- P1608 Serial Communication Problem With [Device 8](#)
- P1609 Loss Of TCS Serial Data
- P1610 Loss of PZM Serial Data
- P1611 Loss of CVRTD Serial Data
- P1612 Loss of IPM Serial Data
- P1613 Loss of DIM Serial Data
- P1614 Loss of RIM Serial Data
- P1615 Loss of VTD Serial Data
- P1617 Engine Oil Level Switch Circuit
- P1619 Engine Oil Life Monitor Reset Circuit
- P1620 Low Coolant Circuit
- P1621 Control Module Long Term Memory Performance
- P1622 Cylinder Select
- P1623 [Transmission](#) Temp Pull-Up Resistor
- P1624 Customer Snapshot Requested - Data Available
- P1625 TCM System Reset
- P1626 Theft Deterrent Fuel Enable Signal Not Received
- P1627 A/D Performance
- P1628 ECT Pull-Up Resistor
- P1629 Theft Deterrent System - Cranking Signal
- P1630 Theft Deterrent Learn Mode Active
- P1631 Theft Deterrent Start Enable Signal Not Correct
- P1632 Theft Deterrent Fuel Disable Signal Received
- P1633 Ignition 0 Switch Circuit
- P1634 Ignition 1 Switch Circuit

- P1635 5 Volt Reference Circuit
- P1636 PCM Stack Overrun
- P1637 Generator L-Terminal Circuit
- P1638 Generator F-Terminal Circuit
- P1639 5 Volt Reference 2 Circuit
- P1640 Driver-1-Input High Voltage
- P1641 Malfunction Indicator Lamp (MIL) Control Circuit
- P1642 Vehicle Speed Output Circuit
- P1643 Engine Speed Output Circuit
- P1644 Traction Control Delivered Torque Output Circuit
- P1645 Evaporative Emission (EVAP) Vent Solenoid Control Circuit
- P1646 Evaporative Emission (EVAP) Vent Solenoid Control Circuit
- P1650 Control Module Output B Circuit
- P1651 Fan 1 Relay Control Circuit
- P1652 Powertrain Induced Chassis Pitch Output Circuit
- P1653 Oil Level Lamp Control Circuit
- P1654 Cruise Control Inhibit Output Circuit
- P1655 EVAP Purge Solenoid Control Circuit
- P1656 Driver 2 Line 6
- P1657 1-4 Upshift Solenoid Control Circuit
- P1658 Starter Enable Relay Control Circuit
- P1660 Cooling Fan Control Circuits
- P1661 MIL Control Circuit
- P1662 Cruise Lamp Control Circuit
- P1663 Oil Life Lamp Control Circuit
- P1664 1-4 Upshift Lamp Control Circuit
- P1665 Driver 3 Line 5
- P1666 Driver 3 Line 6
- P1667 Reverse Inhibit Solenoid Control Circuit
- P1669 ABS Unit Expected
- P1670 Driver 4
- P1671 Driver 4 Line 1
- P1672 Low Engine Oil Level Lamp Control Circuit
- P1673 Engine Hot Lamp Control Circuit
- P1674 Tachometer Control Circuit
- P1675 EVAP Vent Solenoid Control Circuit
- **P1680** - Clutch Released Switch Circuit
- **P1681** - No I/P Cluster CCD/J1850 Messages Received
- **P1682** - Charging System Voltage Too Low
- **P1683** - Speed Control Power Relay Or Speed Control 12 Volt Driver Circuit
- **P1684** - [Battery](#) Disconnected Within Last 50 Starts
- **P1685** - Invalid key received from the SmartKey immobilizer module (the thingie in the ignition that makes sure you are using a correct key)
- **P1685** - SmartKey immobilizer module reports bad key used (this is common if you tried to put

the wrong key in!)

- **P1686** - No SmartKey immobilizer module message received
- **P1687** - No Cluster Bus Message
- **P1688** - Internal Fuel Injection Pump Controller Failure
- **P1689** - No Communication Between ECM and Injection Pump Module
- **P1690** - Fuel injection pump [crankshaft position sensor](#) Does Not Agree With ECM [crankshaft position Sensor](#)
- **P1691** - Fuel Injection Pump Controller Calibration Failure
- **P1692** - Coolant Gage Circuit High Voltage
- **P1693** - The companion engine control module has shown a fault.
- **P1694** - No messages received from the powertrain control module
- **P1695** - No messages received from the [body control module](#)
- **P1696** - PCM Failure EEPROM Write Denied
- **P1697** - PCM Failure SRI Mile Not Stored
- **P1698** - No CCD Messages Received From PCM
- **P1700** - [Transmission](#) Control Module (TCM) problem — this means there is a proprietary code stuck in there, set by the transmission computer; it could mean a bad sensor. This can only be diagnosed by Chrysler-specific tools, which some shops outside dealers do have.
- P1701 Trans. MIL Request Circuit
- P1705 P/N Signal Output Circuit
- **P1719** - Skip Shift Solenoid Circuit
- P1740 Torque Reduction Signal Circuit: Overdrive and TCC Solenoid Rationality
 - Al Steier wrote that P1740 is a Chrysler-only code. On RE transmissions, the computer was looking for a drop in engine speed after the overdrive solenoid or torque converter clutch were applied; since lockup comes in fourth gear, it doesn't know whether the rpm drop is due to moving to overdrive or locking the torque converter. If a truck shows P1740 is probably has one of two problems: a bad overdrive or torque converter solenoid, or bad torque converter material so that the torque converter clutch cannot hold lockup.
- P1743 TP Signal from ECM
- **P1756** - [Transmission](#) control pressure not what it should be (should be 15-20 PSI)
- **P1757** - Transmission control pressure above 3 PSI when it should be zero
- P1760 TCM Supply Voltage Interrupted
- **P1762** - [Governor Pressure Sensor](#) Offset Improper Voltage
- **P1763** - Governor Pressure Sensor Voltage Too High
- **P1764** - Governor Pressure Sensor Voltage Too Low
- **P1765** - Trans 12 Volt Supply Relay Control Circuit
- **P1776** - Solenoid Switch Valve Latched in LR Position (this is a transmission issue which may involve replacing the valve body and solenoid pack; on some models there is a TSB on this problem so be firm with your dealer / Chrysler).
- P1779 Engine Torque Delivered to TCM Signal
- P1780 Park/Neutral Position [PNP] Switch Circuit
- P1781 Engine Torque Signal Circuit
- P1790 Transmission Control Module Checksum
- P1791 Transmission Control Module Loop
- P1791 Throttle/Pedal Position Signal (2000+)

- P1792 Transmission Control Module Reprogrammable Memory
- P1792 ECM to TCM Engine Coolant Signal
- P1793 Transmission Control Module Stack Overrun
- P1793 Wheel Speed Signal (2000+)
- P1795 CAN Bus - Throttle Body Position
- P1800 TCM Power Relay Control Circuit
- P1801 Performance Selector Switch Failure
- P1804 Ground Control Relay
- P1810 TFP Valve Position Switch Circuit
- P1811 Maximum Adapt and Long Shift
- P1812 Transmission Over Temperature Condition
- P1813 Torque Control
- P1814 Torque Converter Overstressed
- P1815 Transmission Range Switch - Start In Wrong Range
- P1816 TFP Valve Position Sw. - Park/Neu. With Drive Ratio
- P1817 TFP Valve Position Sw. - Reverse With Drive Ratio
- P1818 TFP Valve Position Sw. - Drive Without Drive Ratio
- P1819 Internal Mode Switch - No Start/Wrong Range
- P1820 Internal Mode Switch Circuit A Low
- P1822 Internal Mode Switch Circuit B High
- P1823 Internal Mode Switch Circuit P Low
- P1825 Internal Mode Switch - Invalid Range
- P1826 Internal Mode Switch Circuit C - High
- P1831 Pressure Control (PC) Solenoid Power Circuit - Low Voltage
- P1832 Pressure Control (PC)/Shift Lock Solenoid Control Circuit High Voltage
- P1833 A/T [Solenoids](#) Power Circuit - Low Voltage
- P1834 Torque Converter Clutch (TCC)/Shift Solenoid (SS) Control Circuit High Voltage
- P1835 Kick-Down Switch Circuit
- P1836 Kick-Down Switch Failed Open
- P1837 Kick-Down Switch Failed Short
- P1842 1-2 Shift Solenoid Circuit Low Voltage
- P1843 1-2 Shift Solenoid Circuit High Voltage
- P1844 Torque Reduction Signal Circuit Desired By TCM
- P1845 2-3 Shift Solenoid Circuit Low Voltage
- P1847 2-3 Shift Solenoid Circuit High Voltage
- P1850 Brake Band Apply Solenoid Circuit
- P1851 Brake Band Apply Solenoid Performance
- P1852 Brake Band Apply Solenoid Low Voltage
- P1853 Brake Band Apply Solenoid High Voltage
- P1860 TCC PWM Solenoid Circuit Electrical
- P1864 Torque Converter Clutch Circuit
- P1865 4-5 Shift Solenoid (SS) Valve Control Circuit High Voltage
- P1866 Torque Converter Clutch (TCC) Pulse Width Modulation (PWM) Solenoid Control Circuit Low Voltage

- P1867 Torque Converter Clutch (TCC) Pulse Width Modulation (PWM) Solenoid Control Circuit High Voltage
- P1868 Transmission Fluid Life
- P1870 Transmission Component Slipping
- P1871 Undefined Gear Ratio
- P1873 TCC Stator Temp. Switch Circuit Low
- P1874 TCC Stator Temp. Switch Circuit High
- P1875 4WD Low Switch Circuit Electrical
- P1884 TCC Enable/Shift Light Circuit
- P1886 Shift Timing Solenoid
- P1887 TCC Release Switch Circuit
- P1890 ECM Data Input Circuit
- P1890 Throttle Position Signal Input
- P1891 Throttle Position Sensor PWM Signal Low
- P1892 Throttle Position Sensor PWM Signal High
- P1893 Engine Torque Signal Low Voltage
- P1894 Engine Torque Signal High Voltage
- P1895 TCM to ECM Torque Reduction Circuit
- **P1899** - Park/Neutral Position Switch Stuck In Park or In Gear
- P2008 Intake Manifold Runner Control (IMRC) Solenoid Control Circuit
- P2009 Intake Manifold Runner Control (IMRC) Solenoid Control Circuit Low Voltage
- P2010 Intake Manifold Runner Control (IMRC) Solenoid Control Circuit High Voltage
- P2066 Fuel Level Sensor 2 Performance
- P2067 Fuel Level Sensor 2 Circuit Low Voltage
- P2068 Fuel Level Sensor 2 Circuit High Voltage
- P2096 or P2098 Post Catalyst Fuel Trim System Low Limit
- P2097 or P2099 Post Catalyst Fuel Trim System High Limit
- P2100 [Throttle Actuator](#) Control (TAC) Motor Control Circuit
- P2101 Control Module Throttle Actuator Position Performance
- P2105 Throttle Actuator Control (TAC) System - Forced Engine Shutdown
- P2107 Throttle Actuator Control (TAC) Module Internal Circuit
- P2119 Throttle Closed Position Performance
- P2122 Accelerator Pedal Position (APP) Sensor 1 Circuit Low Voltage
- P2123 Accelerator Pedal Position (APP) Sensor 1 Circuit High Voltage
- P2127 Accelerator Pedal Position (APP) Sensor 2 Circuit Low Voltage
- P2128 Accelerator Pedal Position (APP) Sensor 2 Circuit High Voltage
- P2135 Throttle Position Sensor 1-2 Correlation
- P2138 Accelerator Pedal Position (APP) Sensor 1-2 Correlation
- P2176 Minimum Throttle Position Not Learned
- P2500 Generator L-Terminal Circuit Low Voltage
- P2501 Generator L-Terminal Circuit High Voltage

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