OBD-II Diagnostic Powertrain (P) Trouble Codes

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This list contains standard diagnostic trouble codes (DTCs) that are used by some manufacturers to identify vehicle problems. The codes provide below are generic codes that may not apply to all vehicles. Vehicle manufacturers may use manufacturer specific DTC codes that are different from the codes shown below. Foreign vehicles may also use DTC codes different from the generic DTC codes. We recommend that you not depend on the DTC codes in this list for vehicle repairs until you confirm the generic DTC codes apply to your vehicle(s). The list below is for information purposes only and is not intended for use in vehicle repairs.

P0010-P0099 – Fuel and Air Metering and Auxiliary Emission Controls

- **P0010** "A" Camshaft Position Actuator Circuit (Bank 1)
- **P0011** "A" Camshaft Position - Timing Over-Advanced or System Performance (Bank 1)
- **P0012** "A" Camshaft Position - Timing Over-Retarded (Bank 1)
- **P0013** "B" Camshaft Position - Actuator Circuit (Bank 1)
- **P0014** "B" Camshaft Position - Timing Over-Advanced or System Performance (Bank 1) - See Trouble Code P0011
- **P0015** "B" Camshaft Position - Timing Over-Retarded (Bank 1) - See Trouble Code P0012
- **P0020** "A" Camshaft Position Actuator Circuit (Bank 2)
- **P0021** "A" Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)
- **P0022** "A" Camshaft Position - Timing Over-Retarded (Bank 2)
- **P0023** "B" Camshaft Position - Actuator Circuit (Bank 2) - See Trouble Code P0020
- **P0024** "B" Camshaft Position - Timing Over-Advanced or System Performance (Bank 2) - See Trouble Code P0021
- **P0025** "B" Camshaft Position - Timing Over-Retarded (Bank 2) - See Trouble Code P0022
- **P0030** HO2S Heater Control Circuit (Bank 1 Sensor 1)
- **P0031** HO2S Heater Control Circuit Low (Bank 1 Sensor 1)
- **P0032** HO2S Heater Control Circuit High (Bank 1 Sensor 1)
- **P0033** Turbo Charger Bypass Valve Control Circuit
- **P0034** Turbo Charger Bypass Valve Control Circuit Low
- **P0035** Turbo Charger Bypass Valve Control Circuit High
- **P0036** HO2S Heater Control Circuit (Bank 1 Sensor 2)
- **P0037** HO2S Heater Control Circuit Low (Bank 1 Sensor 2)
- **P0038** HO2S Heater Control Circuit High (Bank 1 Sensor 2)
- **P0040** Upstream Oxygen Sensors Swapped From Bank To Bank
- **P0041** Downstream Oxygen Sensors Swapped From Bank To Bank
- **P0042** HO2S Heater Control Circuit (Bank 1 Sensor 3)
- **P0043** HO2S Heater Control Circuit Low (Bank 1 Sensor 3)
- **P0044** HO2S Heater Control Circuit High (Bank 1 Sensor 3)
- **P0050** HO2S Heater Control Circuit (Bank 2 Sensor 1)
- **P0051** HO2S Heater Control Circuit Low (Bank 2 Sensor 1)
- **P0052** HO2S Heater Control Circuit High (Bank 2 Sensor 1)
- **P0053** HO2S Heater Resistance (Bank 1, Sensor 1)
- **P0054** HO2S Heater Resistance (Bank 1, Sensor 2)
- **P0055** HO2S Heater Resistance (Bank 1, Sensor 3)
- **P0056** HO2S Heater Control Circuit (Bank 2 Sensor 2)
- P0057 HO2S Heater Control Circuit Low (Bank 2 Sensor 2)
- P0058 HO2S Heater Control Circuit High (Bank 2 Sensor 2)
- P0059 HO2S Heater Resistance (Bank 2, Sensor 1)
- P0060 HO2S Heater Resistance (Bank 2, Sensor 2)
- P0061 HO2S Heater Resistance (Bank 2, Sensor 3)
- P0062 HO2S Heater Control Circuit (Bank 2 Sensor 3)
- P0063 HO2S Heater Control Circuit Low (Bank 2 Sensor 3)
- P0064 HO2S Heater Control Circuit High (Bank 2 Sensor 3)
- P0065 Air Assisted Injector Control Range/Performance
- P0066 Air Assisted Injector Control Circuit Low
- P0067 Air Assisted Injector Control Circuit High
- P0070 Ambient Air Temperature Sensor Circuit
- P0071 Ambient Air Temperature Sensor Range/Performance
- P0072 Ambient Air Temperature Sensor Circuit Low Input
- P0073 Ambient Air Temperature Sensor Circuit High Input
- P0074 Ambient Air Temperature Sensor Circuit Intermittent
- P0075 Intake Valve Control Solenoid Circuit (Bank 1)
- P0076 Intake Valve Control Solenoid Circuit Low (Bank 1)
- P0077 Intake Valve Control Solenoid Circuit High (Bank 1)
- P0078 Exhaust Valve Control Solenoid Circuit (Bank 1)
- P0079 Exhaust Valve Control Solenoid Circuit Low (Bank 1)
- P0080 Exhaust Valve Control Solenoid Circuit High (Bank 1)
- P0081 Intake valve Control Solenoid Circuit (Bank 2)
- P0082 Intake Valve Control Solenoid Circuit Low (Bank 2)
- P0083 Intake Valve Control Solenoid Circuit High (Bank 2)
- P0084 Exhaust Valve Control Solenoid Circuit (Bank 2)
- P0085 Exhaust Valve Control Solenoid Circuit Low (Bank 2)
- P0086 Exhaust Valve Control Solenoid Circuit High (Bank 2)

DTC Codes - P0100-P0199 ◆ Fuel and Air Metering

- P0100 Mass or Volume Air Flow Circuit Malfunction
- P0101 Mass or Volume Air Flow Circuit Range/Performance Problem
- P0102 Mass or Volume Air Flow Circuit Low Input
- P0103 Mass or Volume Air Flow Circuit High Input
- P0104 Mass or Volume Air Flow Circuit Intermittent
- P0105 Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction
- P0106 Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem
- P0107 Manifold Absolute Pressure/Barometric Pressure Circuit Low Input
- P0108 Manifold Absolute Pressure/Barometric Pressure Circuit High Input
- P0109 Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
- P0109 Intake Air Temperature Circuit Malfunction
- P0110 Intake Air Temperature Circuit Range/Performance Problem
- P0112 Intake Air Temperature Circuit Low Input
- P0113 Intake Air Temperature Circuit High Input
- P0114 Intake Air Temperature Circuit Intermittent
- P0115 Engine Coolant Temperature Circuit Malfunction
- P0116 Engine Coolant Temperature Circuit Range/Performance Problem
- P0117 Engine Coolant Temperature Circuit Low Input
- P0118 Engine Coolant Temperature Circuit High Input
- P0119 Engine Coolant Temperature Circuit Intermittent
- P0120 Throttle Position Sensor/Switch A Circuit Malfunction
- P0121 Throttle Position Sensor/Switch A Circuit Range/Performance Problem
- P0122 Throttle Position Sensor/Switch A Circuit Low Input
- P0123 Throttle Position Sensor/Switch A Circuit High Input
- P0124 Throttle Position Sensor/Switch A Circuit Intermittent
- P0125 Insufficient Coolant Temperature for Closed Loop Fuel Control
- P0126 Insufficient Coolant Temperature for Stable Operation
- P0128 Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)
- P0130 02 Sensor Circuit Malfunction (Bank I Sensor 1)
- P0131 02 Sensor Circuit Low Voltage (Bank I Sensor 1)
- P0132 02 Sensor Circuit High Voltage (Bank I Sensor 1)
- P0133 02 Sensor Circuit Slow Response (Bank I Sensor 1)
- P0134 02 Sensor Circuit No Activity Detected (Bank I Sensor 1)
- P0135 02 Sensor Heater Circuit Malfunction (Bank I Sensor 1)
- P0136 02 Sensor Circuit Malfunction (Bank I Sensor 2)
- P0137 02 Sensor Circuit Low Voltage (Bank I Sensor 2)
- P0138 02 Sensor Circuit High Voltage (Bank I Sensor 2)
- P0139 02 Sensor Circuit Slow Response (Bank I Sensor 2)
- P0140 02 Sensor Circuit No Activity Detected (Bank I Sensor 2)
- P0141 02 Sensor Heater Circuit Malfunction (Bank I Sensor 2)
- P0142 02 Sensor Circuit Malfunction (Bank I Sensor 3)
- P0143 02 Sensor Circuit Low Voltage (Bank I Sensor 3)
- P0144 02 Sensor Circuit High Voltage (Bank I Sensor 3)
- P0145 02 Sensor Circuit Slow Response (Bank I Sensor 3)
- P0146 02 Sensor Circuit No Activity Detected (Bank I Sensor 3)
- P0147 02 Sensor Heater Circuit Malfunction (Bank I Sensor 3)
- P0150 02 Sensor Circuit Malfunction (Bank 2 Sensor 1)
- P0151 02 Sensor Circuit Low Voltage (Bank 2 Sensor 1)
- P0152 02 Sensor Circuit High Voltage (Bank 2 Sensor 1)
- P0153 02 Sensor Circuit Slow Response (Bank 2 Sensor 1)
- P0154 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)
- P0155 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)
- P0156 02 Sensor Circuit Malfunction (Bank 2 Sensor 2)
- P0157 02 Sensor Circuit Low Voltage (Bank 2 Sensor 2)
- P0158 02 Sensor Circuit High Voltage (Bank 2 Sensor 2)
- P0159 02 Sensor Circuit Slow Response (Bank 2 Sensor 2)
- P0160 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)
- P0161 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)
- P0162 02 Sensor Circuit Malfunction (Bank 2 Sensor 3)
- P0163 02 Sensor Circuit Low Voltage (Bank 2 Sensor 3)
- P0164 02 Sensor Circuit High Voltage (Bank 2 Sensor 3)
- P0165 02 Sensor Circuit Slow Response (Bank 2 Sensor 3)
- P0166 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)
- P0167 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)
- P0170 Fuel Trim Malfunction (Bank 1)
- P0171 System too Lean (Bank 1)
- P0172 System too Rich (Bank 1)
- P0173 Fuel Trim Malfunction (Bank 2)
- P0174 System too Lean (Bank 2)
- P0175 System too Rich (Bank 2)
- P0176 Fuel Composition Sensor Circuit Malfunction
- P0177 Fuel Composition Sensor Circuit Range/Performance
- P0178 Fuel Composition Sensor Circuit Low Input
- P0179 Fuel Composition Sensor Circuit High Input
- P0180 Fuel Temperature Sensor A Circuit Malfunction
- P0181 Fuel Temperature Sensor A Circuit Range/Performance
- P0182 Fuel Temperature Sensor A Circuit Low Input
- P0183 Fuel Temperature Sensor A Circuit High Input
- P0184 Fuel Temperature Sensor A Circuit Intermittent
- P0185 Fuel Temperature Sensor B Circuit Malfunction
- P0186 Fuel Temperature Sensor B Circuit Range/Performance
- P0187 Fuel Temperature Sensor B Circuit Low Input
- P0188 Fuel Temperature Sensor B Circuit High Input
- P0189 Fuel Temperature Sensor B Circuit Intermittent
- P0190 Fuel Rail Pressure Sensor Circuit Malfunction
- P0191 Fuel Rail Pressure Sensor Circuit Range/Performance
- P0192 Fuel Rail Pressure Sensor Circuit Low Input
- P0193 Fuel Rail Pressure Sensor Circuit High Input
- P0194 Fuel Rail Pressure Sensor Circuit Intermittent
- P0195 Engine Oil Temperature Sensor Malfunction
- P0196 Engine Oil Temperature Sensor Range/Performance
- P0197 Engine Oil Temperature Sensor Low
- P0198 Engine Oil Temperature Sensor High
- P0199 Engine Oil Temperature Sensor Intermittent

DTC Codes - P0200-P0299 ✹ Fuel and Air Metering (Injector Circuit)

- P0200 Injector Circuit Malfunction
  - P0201 Injector Circuit Malfunction - Cylinder 1
  - P0202 Injector Circuit Malfunction - Cylinder 2
  - P0203 Injector Circuit Malfunction - Cylinder 3
  - P0204 Injector Circuit Malfunction - Cylinder 4
  - P0205 Injector Circuit Malfunction - Cylinder 5
  - P0206 Injector Circuit Malfunction - Cylinder 6
  - P0207 Injector Circuit Malfunction - Cylinder 7
  - P0208 Injector Circuit Malfunction - Cylinder 8
  - P0209 Injector Circuit Malfunction - Cylinder 9
  - P0210 Injector Circuit Malfunction - Cylinder 10
  - P0211 Injector Circuit Malfunction - Cylinder 11
  - P0212 Injector Circuit Malfunction - Cylinder 12
- P0213 Cold Start Injector 1 Malfunction
- P0214 Cold Start Injector 2 Malfunction
- P0215 Engine Shutoff Solenoid Malfunction
- P0216 Injection Timing Control Circuit Malfunction
- P0217 Engine Overtemp Condition
- P0218 Transmission Over Temperature Condition
- P0219 Engine Overspeed Condition
- P0220 Throttle/Petal Position Sensor/Switch B Circuit Malfunction
- P0221 Throttle/Petal Position Sensor/Switch B Circuit Range/Performance Problem
- P0222 Throttle/Petal Position Sensor/Switch B Circuit Low Input
- P0223 Throttle/Petal Position Sensor/Switch B Circuit High Input
- P0224 Throttle/Petal Position Sensor/Switch B Circuit Intermittent
- P0225 Throttle/Petal Position Sensor/Switch C Circuit Malfunction
- P0226 Throttle/Petal Position Sensor/Switch C Circuit Range/Performance Problem
- P0227 Throttle/Petal Position Sensor/Switch C Circuit Low Input
- P0228 Throttle/Petal Position Sensor/Switch C Circuit High Input
- P0229 Throttle/Petal Position Sensor/Switch C Circuit Intermittent
- P0230 Fuel Pump Primary Circuit Malfunction
- P0231 Fuel Pump Secondary Circuit Low
- P0232 Fuel Pump Secondary Circuit High
- P0233 Fuel Pump Secondary Circuit Intermittent
- P0234 Engine Overboost Condition
- P0235 Turbocharger Boost Sensor A Circuit Malfunction
- P0236 Turbocharger Boost Sensor A Circuit Range/Performance
• P0237 Turbocharger Boost Sensor A Circuit Low
• P0238 Turbocharger Boost Sensor A Circuit High
• P0239 Turbocharger Boost Sensor B Malfunction
• P0240 Turbocharger Boost Sensor B Circuit Range/Performance
• P0241 Turbocharger Boost Sensor B Circuit Low
• P0242 Turbocharger Boost Sensor B Circuit High
• P0243 Turbocharger Wastegate Solenoid A Malfunction
• P0244 Turbocharger Wastegate Solenoid A Range/Performance
• P0245 Turbocharger Wastegate Solenoid A Low
• P0246 Turbocharger Wastegate Solenoid A High
• P0247 Turbocharger Wastegate Solenoid B Malfunction
• P0248 Turbocharger Wastegate Solenoid B Range/Performance
• P0249 Turbocharger Wastegate Solenoid B Low
• P0250 Turbocharger Wastegate Solenoid B High
• 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 Injector
• P0258 Injection Pump Fuel Metering Control "B" Low (Cam/R
• P0259 Injection Pump Fuel Metering Control "B" High (Cam/R
• P0260 Injection Pump Fuel Metering Control "B" Intermittent 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
• P0291 Cylinder 11 Injector Circuit Low
• P0292 Cylinder 11 Injector Circuit High
• P0293 Cylinder 11 Contribution/Balance Fault
• P0294 Cylinder 12 Injector Circuit Low
• P0295 Cylinder 12 Injector Circuit High
• P0296 Cylinder 12 Contribution/Range Fault

DTC Codes - P0300-P0399  Ignition System or Misfire

• P0300 Random/Multiple Cylinder Misfire Detected
• P0301 Cylinder 1 Misfire Detected
• P0302 Cylinder 2 Misfire Detected
• P0303 Cylinder 3 Misfire Detected
• P0304 Cylinder 4 Misfire Detected
• P0305 Cylinder 5 Misfire Detected
• P0306 Cylinder 6 Misfire Detected
• P0307 Cylinder 7 Misfire Detected
• P0308 Cylinder 8 Misfire Detected
• P0309 Cylinder 9 Misfire Detected
• P0310 Cylinder 10 Misfire Detected
• P0311 Cylinder 11 Misfire Detected
• P0312 Cylinder 12 Misfire Detected
• P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction
• P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance
• P0322 Ignition/Distributor Engine Speed Input Circuit No Signal
• P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent
• P0325 Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)
• P0326 Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)
• P0327 Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)
• 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 2 Circuit Malfunction (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 Position Sensor A Circuit Malfunction
• P0336 Crankshaft Position Sensor A Circuit Range/Performance
• P0337 Crankshaft Position Sensor A Circuit Low Input
• P0338 Crankshaft Position Sensor A Circuit High Input
• P0339 Crankshaft Position Sensor A Circuit Intermittent
• P0340 Camshaft Position Sensor Circuit Malfunction
• P0341 Camshaft Position Sensor Circuit Range/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 Ignition Coil A Primary/Secondary Circuit Malfunction
• P0352 Ignition Coil B Primary/Secondary Circuit Malfunction
• P0353 Ignition Coil C Primary/Secondary Circuit Malfunction
• P0354 Ignition Coil D Primary/Secondary Circuit Malfunction
• P0355 Ignition Coil E Primary/Secondary Circuit Malfunction
• P0356 Ignition Coil F Primary/Secondary Circuit Malfunction
• P0357 Ignition Coil G Primary/Secondary Circuit Malfunction
• P0358 Ignition Coil H Primary/Secondary Circuit Malfunction
- 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 Timing Reference High Resolution Signal A Too Many Pulses
- P0372 Timing Reference High Resolution Signal A Too Few 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 Sensor B Circuit Malfunction
- P0386 Crankshaft Position Sensor B Circuit Range/Performance
- P0387 Crankshaft Position Sensor B Circuit Low Input
- P0388 Crankshaft Position Sensor B Circuit High Input
- P0389 Crankshaft Position Sensor B Circuit Intermittent

**DTC Codes - P0400-P0499 ♦ Auxiliary Emissions Controls**

- P0400 Exhaust Gas Recirculation Flow Malfunction
- P0401 Exhaust Gas Recirculation Flow Insufficient Detected
- P0402 Exhaust Gas Recirculation Flow Excessive Detected
- P0403 Exhaust Gas Recirculation Circuit Malfunction
- P0404 Exhaust Gas Recirculation Circuit Range/Performance
- P0405 Exhaust Gas Recirculation Sensor A Circuit Low
- 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 System Malfunction
- P0411 Secondary Air Injection System Incorrect Flow Detected
- P0412 Secondary Air Injection System Switching Valve A Circuit Malfunction
- 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 System Relay ♦ A" Circuit Malfunction
- P0419 Secondary Air Injection System Relay "B♦ Circuit Malfunction
- P0420 Catalyst System Efficiency Below Threshold (Bank 1)
- P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)
- P0422 Main Catalyst Efficiency Below Threshold (Bank 1)
- P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)
- P0424 Heated Catalyst Temperature Below Threshold (Bank 1)
- P0430 Catalyst System Efficiency Below Threshold (Bank 2)
- P0431 Warm Up Catalyst Efficiency Below Threshold (Bank 2)
- P0432 Main Catalyst Efficiency Below Threshold (Bank 2)
- P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)
- P0434 Heated Catalyst Temperature Below Threshold (Bank 2)
- P0440 Evaporative Emission Control System Malfunction
• P0441 Evaporative Emission Control System Incorrect Purge Flow
• P0442 Evaporative Emission Control System Leak Detected (small leak)
• P0443 Evaporative Emission Control System Purge Control Valve Circuit
• P0444 Evaporative Emission Control System Purge Control Valve Circuit Open
• P0445 Evaporative Emission Control System Purge Control Valve Circuit Shorted
• P0446 Evaporative Emission Control System Vent Control Circuit Malfunction
• P0447 Evaporative Emission Control System Vent Control Circuit Open
• P0448 Evaporative Emission Control System Vent Control Circuit Shorted
• P0449 Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction
• P0450 Evaporative Emission Control System Pressure Sensor Malfunction
• P0451 Evaporative Emission Control System Pressure Sensor Range/Performance
• P0452 Evaporative Emission Control System Pressure Sensor Low Input
• P0453 Evaporative Emission Control System Pressure Sensor High Input
• P0454 Evaporative Emission Control System Pressure Sensor Intermittent
• P0455 Evaporative Emission Control System Leak Detected (gross leak)
• P0456 Evaporative Emissions System - Small leak detected
• P0457
• P0458
• P0459
• P0460 Fuel Level Sensor Circuit Malfunction
• P0461 Fuel Level Sensor Circuit Range/Performance
• P0462 Fuel Level Sensor Circuit Low Input
• P0463 Fuel Level Sensor Circuit High Input
• 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 1 Control Circuit Malfunction
• P0481 Cooling Fan 2 Control Circuit Malfunction
• 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

DTC Codes - P0500-P0599 ◆ Vehicle Speed Controls and Idle Control System

• P0500 Vehicle Speed Sensor Malfunction
• P0501 Vehicle Speed Sensor Range/Performance
• P0502 Vehicle Speed Sensor Low Input
• P0503 Vehicle Speed Sensor Intermittent/Erratic/High
P0505 Idle Control System Malfunction
P0506 Idle Control System RPM Lower Than Expected
P0507 Idle Control System RPM Higher Than Expected
P0510 Closed Throttle Position Switch Malfunction
P0520 Engine Oil Pressure Sensor/witch Circuit Malfunction
P0521 Engine Oil Pressure Sensor/witch Circuit Range/Performance
P0522 Engine Oil Pressure Sensor/witch Circuit Low Voltage
P0523 Engine Oil Pressure Sensor/witch Circuit High Voltage
P0530 A/C Refrigerant Pressure Sensor Circuit Malfunction
P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance
P0532 A/C Refrigerant Pressure Sensor Circuit Low Input
P0533 A/C Refrigerant Pressure Sensor Circuit High Input
P0534 Air Conditioner Refrigerant Charge Loss
P0550 Power Steering Pressure Sensor Circuit Malfunction
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 Malfunction
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 A Circuit Malfunction
P0572 Cruise Control/Brake Switch A Circuit Low
P0573 Cruise Control/Brake Switch A Circuit High
P0574 Cruise Control Related Malfunction
P0575 Cruise Control Related Malfunction
P0576 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

DTC Codes - P0600-P0699 ✿ Computer Output Circuit

P0600 Serial Communication Link Malfunction
P0601 Internal Control Module Memory Check Sum Error
P0602 Control Module Programming Error
P0603 Internal Control Module Keep Alive Memory (KAM) Error
P0604 Internal Control Module Random Access Memory (RAM) Error
P0605 Internal Control Module Read Only Memory (ROM) Error
P0606 PCM Processor Fault
P0608 Control Module VSS Output "A ✿ Malfunction
P0609 Control Module VSS Output "B" Malfunction
P0620 Generator Control Circuit Malfunction
P0621 Generator Lamp "L" Control Circuit Malfunction
P0622 Generator Field "F" Control Circuit Malfunction
P0650 Malfunction Indicator Lamp (MIL) Control Circuit Malfunction
P0654 Engine RPM Output Circuit Malfunction
P0655 Engine Hot Lamp Output Control Circuit Malfunction
DTC Codes - P0700-P0899 ◆ Transmission

- P0700 Transmission Control System Malfunction
- P0701 Transmission Control System Range/Performance
- P0702 Transmission Control System Electrical
- P0703 Torque Converter/Brake Switch B Circuit Malfunction
- P0704 Clutch Switch Input Circuit Malfunction
- P0705 Transmission Range Sensor Circuit malfunction (PRNDL Input)
- P0706 Transmission Range Sensor Circuit Range/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 Transmission Fluid Temperature Sensor Circuit Range/Performance
- P0712 Transmission Fluid Temperature Sensor Circuit Low Input
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- P0714 Transmission Fluid Temperature Sensor Circuit Intermittent
- P0715 Input/Turbine Speed Sensor Circuit Malfunction
- P0716 Input/Turbine Speed Sensor Circuit Range/Performance
- P0717 Input/Turbine Speed Sensor Circuit No Signal
- P0718 Input/Turbine Speed Sensor Circuit Intermittent
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- P0721 Output Speed Sensor Range/Performance
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- P0725 Engine Speed input Circuit Malfunction
- P0726 Engine Speed Input Circuit Range/Performance
- P0727 Engine Speed Input Circuit No Signal
- P0728 Engine Speed Input Circuit Intermittent
- P0730 Incorrect Gear Ratio
- P0731 Gear 1 Incorrect ratio
- P0732 Gear 2 Incorrect ratio
- P0733 Gear 3 Incorrect ratio
- P0734 Gear 4 Incorrect ratio
- P0735 Gear 5 Incorrect ratio
- P0736 Reverse incorrect gear ratio
- P0740 Torque Converter Clutch Circuit Malfunction
- P0741 Torque Converter Clutch Circuit Performance or Stuck Off
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- P0751 Shift Solenoid A Performance or Stuck Off
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• P0780 Shift Malfunction
• P0781 1-2 Shift Malfunction
• P0782 2-3 Shift Malfunction
• P0783 3-4 Shift Malfunction
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• P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction

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**Dodge / Chrysler / Jeep / Plymouth OBD-II Trouble Codes**

Note: See [this page for generic OBD-II codes](http://www.obd-codes.com/trouble_codes/) (they start with P0XXX).

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Dodge / Chrysler / Jeep Specific Trouble Codes

See also - Check-Engine-Light.com/Dodge

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