

# 1997 - 2000 Corvette: Diagnostic Trouble Codes

The following information is for reference only. Check the service manual for your particular model year of Corvette.

To enter the "diagnostic mode", use the following procedure:

1. Turn the ignition key to the ON position, but don not start the car.
2. Clear any pre-set messages by pressing the RESET button.
3. Hold the OPTIONS button down, and press the FUEL button 4 times. This will get you into the CODES section of the DIC. The computer will automatically display all the codes your car has created. It will cycle through each code every 3 seconds. Any code that ends in H is a code that was registered previously but is no longer an issue.
4. Once the computer has finished going through all of it's codes, press RESET to enter Manual Configuration mode. It should start with a module and show "NO CODES" or "# CODES".
5. To optionally reset the codes once in manual mode, press and hold RESET until it displays "NO CODES".
6. Press OPTIONS button to go to the next module.

Repeat these steps until you have reset the codes in all of the modules. **Note:** It is not necessary to reset the codes unless you want to.

## Code List

### 10-PCM - Powertrain Control Module

- P0101 Mass Air Flow (MAF) System Performance
- P0102 Mass Air Flow (MAF) Sensor Circuit Low Frequency
- P0103 Mass Air Flow (MAF) Sensor Circuit High Frequency
- P0107 Manifold Pressure (MAP) Sensor Circuit Low Voltage
- P0108 Manifold Pressure (MAP) Sensor Circuit High Voltage
- P0112 Intake Air Temp (IAT) Sensor Circuit Low Voltage
- P0113 Intake Air Temp (IAT) Sensor Circuit High Voltage
- P0117 Engine Coolant Temp (ECT) Sensor Low Voltage
- P0118 Engine Coolant Temp (ECT) Sensor High Voltage
- P0118 Engine Coolant Temperature (ECT) Excessive Time to Closed Loop Fuel Control
- P0131 Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 1 Sensor 1
- P0132 Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 1 Sensor 1
- P0133 Heated Oxygen Sensor (HO2S) Slow Response Bank 1 Sensor 1
- P0134 Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 1 Sensor 1

P0135 Heated Oxygen Sensor (HO2S) Heater Circuit Bank 1 Sensor 1  
P0137 Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 1 Sensor 2  
P0138 Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 1 Sensor 2  
P0140 Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 1 Sensor 2  
P0141 Heated Oxygen Sensor (HO2S) Heater Circuit Bank 1 Sensor 2  
P0151 Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 2 Sensor 1  
P0152 Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 2 Sensor 1  
P0153 Heated Oxygen Sensor (HO2S) Slow Response Bank 2 Sensor 1  
P0154 Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 2 Sensor 1  
P0155 Heated Oxygen Sensor (HO2S) Heater Circuit Bank 2 Sensor 1  
P0157 Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 2 Sensor 2  
P0158 Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 2 Sensor 2  
P0160 Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 2 Sensor 2  
P0161 Heated Oxygen Sensor (HO2S) Heater Circuit Bank 2 Sensor 2  
P0171 Fuel Trim System Lean Bank 1  
P0172 Fuel Trim System Rich Bank 1  
P0174 Fuel Trim System Lean Bank 2  
P0175 Fuel Trim System Rich Bank 2  
P0230 Fuel Pump Control Circuit  
P0300 Engine Misfire Detected  
P0325 Knock Sensor (KS) System  
P0327 Knock Sensor (KS) Circuit Front  
P0332 Knock Sensor (KS) Circuit Rear  
P0335 CKP Sensor Circuit  
P0336 CKP Sensor Circuit Performance  
P0341 CMP Circuit Performance  
P0342 CMP Sensor Circuit Low Voltage  
P0343 CMP Sensor Circuit High Voltage  
P0351 Ignition Control #1 Circuit  
P0352 Ignition Control #2 Circuit  
P0353 Ignition Control #3 Circuit  
P0354 Ignition Control #4 Circuit  
P0355 Ignition Control #5 Circuit  
P0356 Ignition Control #6 Circuit  
P0357 Ignition Control #7 Circuit  
P0358 Ignition Control #8 Circuit  
P0410 AIR System  
P0412 AIR Solenoid Relay Control Circuit  
P0418 AIR Pump Relay Control Circuit  
P0420 TWC System Low Efficiency Bank 1  
P0430 TWC System Low Efficiency Bank 2  
P0441 EVAP System No Flow During Purge  
P0461 Fuel Level Sensor 1 Circuit Performance

P0462 Fuel Level Sensor 1 Circuit Low Voltage  
P0463 Fuel Level Sensor 1 Circuit High Voltage  
P0480 FC Relay 1 Control Circuit  
P0481 FC Relay 2 and 3 Control Circuit  
P0500 VSS Circuit (M/T)  
P0506 Idle Speed Low  
P0507 Idle Speed High  
P0522 Engine Oil Pressure Sensor Circuit Low Voltage  
P0523 Engine Oil Pressure Sensor Circuit High Voltage  
P0530 A/C Refrigerant Pressure Sensor Circuit  
P0562 System Voltage Low  
P0563 System Voltage High  
P0567 Cruise Resume Circuit  
P0568 Cruise Set Circuit  
P0571 Cruise Brake Switch Circuit (M/T)  
P0601 PCM Memory  
P0602 PCM Not Programmed  
P0604 PCM RAM Performance  
P0606 PCM Internal Communication Interrupted  
P0608 VSS Output Circuit  
P0650 MIL Control Circuit  
P0654 Engine Speed Output Circuit  
P0704 Clutch Switch Circuit (M/T)  
P0705 Transmission Range Switch Circuit (A/T)  
P0706 Transmission Range Switch Performance (A/T)  
P0801 Reverse Inhibit Solenoid Control Circuit (M/T)  
P0803 1-4 Upshift Solenoid Control Circuit (M/T)  
P0804 1-4 Upshift Lamp Control Circuit (M/T)  
P1111 Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage  
P1112 Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage  
P1114 ECT Sensor Circuit Intermittent Low Voltage  
P1115 ECT Sensor Circuit Intermittent High Voltage  
P1120 TP Sensor 1 Circuit  
P1125 APP System  
P1133 Heated Oxygen Sensor (HO2S) Insufficient Switching Bank 1 Sensor 1  
P1134 Heated Oxygen Sensor (HO2S) Transition Time Ratio Bank 1 Sensor 1  
P1153 Heated Oxygen Sensor (HO2S) Insufficient Switching Bank 2 Sensor 1  
P1154 Heated Oxygen Sensor (HO2S) Transition Time Ratio Bank 2 Sensor 1  
P1220 TP Sensor 2 Circuit  
P1221 TP Sensors 1, 2 Performance  
P1258 Engine Coolant Over Temperature-Fuel Disabled  
P1275 APP Sensor 1 Circuit  
P1276 APP Sensor 1 Circuit Performance

P1280 APP Sensor 2 Circuit  
P1281 APP Sensor 2 Circuit Performance  
P1285 APP Sensor 3 Circuit  
P1286 APP Sensor 3 Circuit Performance  
P1380 EB (T) CM DTC Detected- Rough Road Data Unusable  
P1381 Misfire Detected - No EB (T) CM/PCM Serial Data  
P1415 AIR System Bank 1  
P1416 AIR System Bank 2  
P1431 Fuel Level Sensor 2 Circuit Performance  
P1432 Fuel Level Sensor 2 Low Voltage  
P1433 Fuel Level Sensor 2 High Voltage  
P1441 Evaporative Emissions (EVAP) System Flow During Non-Purge  
P1514 TAC System MAF Performance  
P1515 Command vs Actual Throttle Position Performance (PCM Module)  
P1516 Command vs Actual Throttle Position Performance (TAC Module)  
P1517 TAC Module Processor  
P1518 PCM to TAC Module Serial Data Circuit  
P1539 A/C Clutch Status Circuit High Voltage  
P1545 A/C Clutch Relay Control Circuit  
P1546 A/C Clutch Status Circuit Low Voltage  
P1571 ASR Desired Torque  
P1574 Stop Lamp Control Circuit  
P1575 Extended Travel Brake Switch Circuit High Voltage  
P1626 Theft Deterrent System Fuel Enable Circuit  
P1630 Theft Deterrent System PCM In Learn Mode  
P1631 Theft Deterrent System Password Incorrect  
P1635 5 Volt Reference #1 Circuit  
P1639 5 Volt Reference #2 Circuit  
P1644 Delivered Torque Output Circuit  
P1652 Powertrain Induced Chassis Pitch Output Circuit

#### 28-TCS - Traction Control System

C1214 Sol Valve Relay Contact or Coil CKT Open  
C1217 BPMV Pump Motor Relay Contact CKT Open  
C1221 LF Wheel Speed Sensor Input Signal is 0  
C1222 RF Wheel Speed Sensor Input Signal is 0  
C1223 LR Wheel Speed Sensor Input Signal is 0  
C1224 RR Wheel Speed Sensor Input Signal is 0  
C1225 RF Excessive Wheel Speed Variation  
C1226 LF Excessive Wheel Speed Variation  
C1227 LR Excessive Wheel Speed Variation  
C1228 RR Excessive Wheel Speed Variation  
C1232 LF Wheel Speed Circuit Open or Shorted

C1233 RF Wheel Speed Circuit Open or Shorted  
C1234 LR Wheel Speed Circuit Open or Shorted  
C1235 RR Wheel Speed Circuit Open or Shorted  
C1236 Low System Supply Voltage  
C1237 High System Supply Voltage  
C1241 Magna Steer Circuit Malfunction  
C1242 BPMV Pump Motor Ground Circuit Open  
C1243 BPMV Pump Motor Stalled  
C1255 EBTCM Internal Malfunction  
CEBCM Internal Malfunction  
C1261 LF Inlet Valve Solenoid Malfunction  
C1262 LF Outlet Valve Solenoid Malfunction  
C1263 RF Inlet Valve Solenoid Malfunction  
C1264 RF Outlet Valve Solenoid Malfunction  
C1265 LR Inlet Valve Solenoid Malfunction  
C1266 LR Outlet Valve Solenoid Malfunction  
C1267 RR Inlet Valve Solenoid Malfunction  
C1268 RR Outlet Valve Solenoid Malfunction  
C1273 RF TCS Master Cyl Isolation Valve Malfunction  
C1274 RF TCS Prime Valve Malfunction  
C1276 Delivered Torque Signal CKT Malfunction  
C1277 Requested Torque Signal CKT Malfunction  
C1278 TCS Temporarily Inhibited By PCM  
C1281 Steering Sensor Uncorrelated Malfunction  
C1286 Steering Sensor Bias Malfunction  
C1287 Steering Sensor Rate Malfunction  
C1291 Open Brake Lamp Sw Contacts During Deccel  
C1293 DTC C1291/C1292 Set Curnt/Prev Ign Cylce  
C1294 Brake Lamp Switch Circuit Always Active  
C1295 Brake Lamp Switch Circuit Open  
U1016 Loss of Communications with PCM  
U1255 Generic Loss Communications  
U1300 Class 2 Circuit Shorted to Ground  
U1301 Class 2 Circuit Shorted to Battery

### 38-RTD - Real Time Damping

C1650 ESC Module Malfunction  
C1658 EEPROM Calibration Malfunction  
C1710 LF Shock Absorber Solenoid (Short to Voltage)  
C1711 LF Shock Absorber Solenoid (Short to GND)  
C1712 LF Shock Absorber Solenoid (Open Circuit)  
C1715 RF Shock Absorber Solenoid (Short to Voltage)  
C1716 RF Shock Absorber Solenoid (Short to GND)

C1717 RF Shock Absorber Solenoid (Open Circuit)  
C1720 LR Shock Absorber Solenoid (Short to Voltage)  
C1721 LR Shock Absorber Solenoid (Short to GND)  
C1722 LR Shock Absorber Solenoid (Open Circuit)  
C1725 RR Shock Absorber Solenoid (Short to Voltage)  
C1726 RR Shock Absorber Solenoid (Short to GND)  
C1727 RR Shock Absorber Solenoid (Open Circuit)  
C1743 Loss of Vehicle Speed Signal  
C1760 LF Position Sensor (Out of Range)  
C1761 RF Position Sensor (Out of Range)  
C1762 LR Position Sensor (Out of Range)  
C1763 RR Position Sensor (Out of Range)  
C1768 Position Sensor Supply Malfunction (Overcurrent)  
C1780 Loss of Steering Position Signal  
C1786 RTD Control Relay Malfunction  
C1787 RTD Control Relay Circuit (Open or Short to GND)  
C1788 RTD Control Relay Circuit (Short to Voltage)  
C1790 Ride Control Switch (Out of Range)  
C1791 Ride Control Switch (Contact Malfunction)

#### 40-BCM -Body Control Module

B0432 Rear Defogger Relay Circuit  
B0433 Rear Defogger Relay Circuit  
B0502 RH DRL Relay Circuit  
B0503 RH DRL Relay Circuit  
B0507 LH DRL Relay Circuit  
B0508 LH DRL Relay Circuit  
B0605 BCM Internal Memory Function  
B0844 BCM Temporarily Inhibit ABS  
B2403 Front Fog Lamp Switch Circuit  
B2408 Rear Fog Lamp Switch Circuit  
B2482 Backup Lamp Relay Circuit  
B2483 Backup Lamp Relay Circuit  
B2527 Horn Relay Circuit  
B2528 Horn Relay Circuit  
B2573 Hatch Release Switch Circuit (Short to Voltage)  
B2578 RF Turn Signal Monitor Circuit (Short to Voltage)  
B2583 LF Turn Signal Monitor Circuit (Short to Voltage)  
B2587 Column Lock/Unlock Drive (A)  
B2588 Column Lock/Unlock Drive (A)  
B2592 Column Lock/Unlock Drive (B)  
B2583 Column Lock/Unlock Drive (B)  
B2597 Traction Control System Switch Circuit

B2721 PASS-Key Detection Circuit  
B2722 PASS-Key Detection Circuit  
B2723 PASS-Key Detection Circuit  
B2735 PASS-Key Programming Mode Active  
U1016 Loss of Communications with PCM  
U1096 Loss of Communications with IPC  
U1255 Serial Data Line Malfunction

#### 60-IPC - Instrument Panel Cluster

B0516 Speedometer Signal Circuit Malfunction  
B0521 Tachometer Signal Circuit Malfunction  
B1512 DIC Switch 1 Signal Short to GND "FUEL"  
B1517 DIC Switch 2 Signal Short to GND "GAGES"  
B1522 DIC Switch 3 Signal Short to GND "TRIP"  
B1527 DIC Switch 4 Signal Short to GND "OPTIONS"  
B1532 DIC Switch 5 Signal Short to GND "E/M"  
B1537 DIC Switch 6 Signal Short to GND "RESET"  
B1542 Oil Temperature Circuit Short to GND  
B1543 Oil Temperature Circuit Open  
U1016 Loss of Communications with PCM  
U1040 Loss of Communications with TCS  
U1056 Loss of Communications with RTD  
U1064 Loss of Communications with BCM  
U1128 Loss of Communications with Radio  
U1153 Loss of Communications with HVAC  
U1160 Loss of Communications with LDCM  
U1161 Loss of Communications with RDCM  
U1166 Loss of Communications with SCM  
U1176 Loss of Communications with RFA  
U1255 Serial Data Line Malfunction

#### 80-Radio - Radio Not Found

#### 99-HVAC - Heater, Ventilation, Air Conditioning

B0332 Outside Air Temp Sensor Short to GND  
B0333 Outside Air Temp Sensor Open  
B0337 Inside Air Temp Sensor Short to GND  
B0338 Inside Air Temp Sensor Open  
B0348 Sunload Temperature Sensor Open  
B0361 Left Actuator Feedback Short to GND  
B0363 Left Actuator Feedback Open  
B0365 Right Actuator Feedback Short to GND  
B0367 Right Actuator Feedback Open

B0441 Left Actuator Out of Range  
B0446 Right Actuator Out of Range  
B1016 Loss of Communications with PCM  
U1064 Loss of Communications with BCM  
U1096 Loss of Communications with IPC  
U1255 Serial Data Line Malfunction

A0-LDCM - Left Door Control Module

B2202 Left Window Up Switch Fault  
B2204 Left Window Down Switch Fault  
B2206 Right Window Up Switch Fault  
B2208 Right Window Down Switch Fault  
B2222 LT Mirror Select Switch Fault  
B2224 RT Mirror Select Switch Fault  
B2226 Mirror Right Switch Fault  
B2228 Mirror Left Switch Fault  
B2232 Mirror Up Switch Fault  
B2234 Mirror Down Switch Fault  
B2236 Left Door Lock Switch Fault  
B2238 Left Door UnLock Switch Fault  
B2242 Memory 1 Switch Fault  
B2244 Memory 2 Switch Fault  
B2252 Key Cylinder Switch Fault  
B2262 Horizontal Position Sensor Fit  
B2264 Vertical Position Sensor Fault  
B2272 Left Mirror Motor Fault  
B2274 Window Motor Fault  
B2276 Door Lock Motor/Mirror Heater Fit  
B2282 Battery #1 Fault  
B2284 Battery #2 Fault  
B2286 +5V Reference Fault  
U1064 Loss of Communications with BCM  
U1096 Loss of Communications with IPC  
U1255 Serial Data Line Malfunction

A1-RDCM - Right Door Control Module

B2203 Right Window Up Switch Fault  
B2205 Right Window Down Switch Fault  
B2237 Right Door Lock Switch Fault  
B2239 Right Door Un-Lock Switch Fault  
B2253 Key Cylinder Switch Fault  
B2263 Horizontal Position Sensor Fit  
B2265 Horizontal Position Sensor Fault

B2273 Right Mirror Motor Fault  
B2275 Window Motor Fault  
B2277 Door Lock Motor/Mirror Heater Fit  
B2283 Battery #1 Fault  
B2285 Battery #2 Fault  
B2287 +5V Reference Fault  
U1064 Loss of Communications with BCM  
U1096 Loss of Communications with IPC  
U1255 Serial Data Line Malfunction

#### A6-SCM - Seat Control Module

B0846 Battery 2 Out of Range  
B0851 Battery 1 Out of Range  
B2002 Fore/Aft Seat Motor Open or Short to GND  
B2007 Front Vertical Seat Motor Open or Shorted  
B2012 Rear Vertical Seat Motor Open or Shorted  
B2172 Seat Front Up Switch Shorted to GND  
B2177 Seat Front Down Switch Shorted to GND  
B2182 Seat Rear Up Switch Shorted to GND  
B2187 Seat Rear Down Switch Shorted to GND  
B2192 Seat Forward Switch Shorted to GND  
B2197 Seat Reverse Switch Shorted to GND  
B2605 Seat Front Vertical Position Sensor Failure  
B2606 Seat Rear Vertical Position Sensor Failure  
B2607 Seat Horizontal Position Sensor Failure

#### B0-RFA - Remote Function Actuation

B0605 Receiver Internal Memory Malfunction  
B2805 No Transmitters Programmed  
C2100 Left Front TPM Sensor Malfunction  
C2105 Right Front TPM Sensor Malfunction  
C2110 Right Rear TPM Sensor Malfunction  
C2115 Left Rear TPM Sensor Malfunction  
C2120 TPM System Malfunction (No Sensors Received)  
C2121 TPM System Programming Malfunction (No Sensors Programmed)  
U1000 Loss of Communication Undetermined  
U1016 Loss of Communication with PCM  
U1064 Loss of Communication with BCM  
U1096 Loss of Communication with IPC  
U1255 Serial Data Line Malfunction

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