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2000 Chevrolet/Geo Camaro

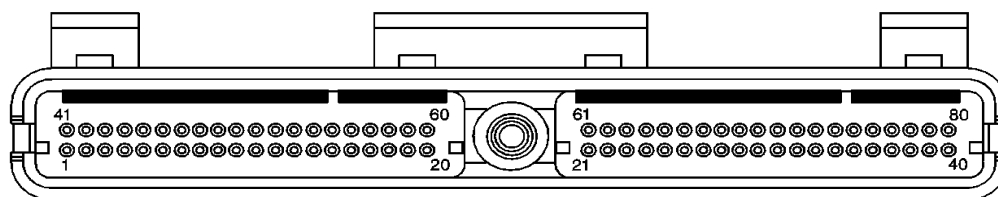
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# Powertrain Control Module (PCM) Connector End Views

Table 1: [PCM Connector C1 \(BLU\)](#)

Table 2: [PCM Connector C2 \(RED\)](#)

## PCM Connector C1 (BLU)



### Connector Part Information

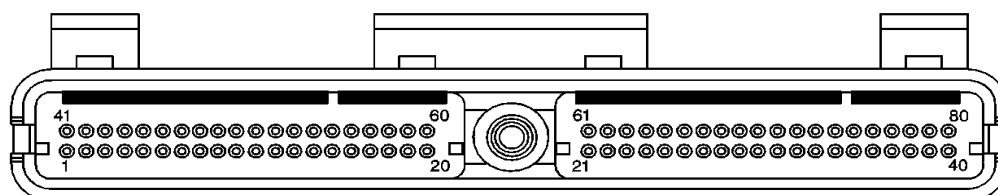
- PCM Connector C1 Assembly 12191489
- TPA (BLU) 12176408
- Connector Cover 12191108

| Pin   | Wire Color | Circuit No. | Function                             |
|-------|------------|-------------|--------------------------------------|
| 1     | BLK        | 451         | PCM Ground                           |
| 2     | LT GRN     | 1867        | Crankshaft Position Sensor B+ Supply |
| 3     | PNK/BLK    | 1746        | Injector 3 Control                   |
| 4     | LT GRN/BLK | 1745        | Injector 2 Control                   |
| 5-7   | --         | --          | Not Used                             |
| 8     | GRA        | 596         | TP Sensor 5V Reference               |
| 9-10  | --         | --          | Not Used                             |
| 11    | LT BLU     | 1876        | Knock Sensor Signal Rear             |
| 12    | DK BLU/WHT | 1869        | Crankshaft Position Sensor Signal    |
| 13-16 | --         | --          | Not Used                             |
| 17    | DK BLU     | 1225        | Transmission Range Signal B          |
| 18    | RED        | 1226        | Transmission Range Signal C          |
| 19    | PNK        | 439         | Ignition Positive Voltage            |

|       |            |      |   |
|-------|------------|------|---|
| 20    | ORN        | 340  | Battery Positive Voltage                          |
| 21    | YEL/BLK    | 1868 | Crankshaft Position Sensor Reference Low          |
| 22    | --         | --   | Not Used  |
| 23    | GRA        | 720  | Fuel Tank Pressure Sensor/Fuel Tank Sender Ground |
| 24    | --         | --   | Not Used  |
| 25    | TAN        | 1671 | HO2S Signal Low Bank 2 Sensor 2                   |
| 26    | TAN        | 1667 | HO2S Signal Low Bank 2 Sensor 1                   |
| 27    | --         | --   | Not Used  |
| 28    | TAN/WHT    | 1669 | HO2S Signal Low Bank 1 Sensor 2                   |
| 29    | TAN/WHT    | 1653 | HO2S Signal Low Bank 1 Sensor 1                   |
| 30-31 | --         | --   | Not Used  |
| 32    | GRY        | 48   | Clutch Pedal Position Switch Signal               |
| 33    | PPL        | 420  | TCC Brake Switch                                  |
| 34    | ORN/BLK    | 434  | PNP Switch Signal                                 |
| 35    | --         | --   | Not Used  |
| 36    | BLK        | 1744 | Injector 1 Control                                |
| 37    | YEL/BLK    | 846  | Injector 6 Control                                |
| 38-39 | --         | --   | Not Used  |
| 40    | BLK        | 451  | PCM Ground  |
| 41    | BLK        | 407  | EGR Pintle Position Sensor Ground                 |
| 42    | DK GRN     | 335  | Engine Cooling Fan Relay 1 Control                |
| 43    | RED/BLK    | 877  | Injector 7 Control                                |
| 44    | LT BLU/BLK | 844  | Injector 4 Control                                |
| 45    | GRA        | 474  | A/C Refrigerant Pressure Sensor 5V Reference      |
| 46    | GRA        | 474  | Fuel Tank Pressure Sensor 5V Reference            |
| 47    | GRA        | 416  | EGR Pintle Position Sensor 5V Reference           |
| 48    | GRA        | 416  | MAP Sensor 5V Reference                           |
| 49-50 | --         | --   | Not Used  |
| 51    | DK BLU     | 496  | Knock Sensor Signal Front                         |
| 52    | --         | --   | Not Used  |
| 53    | BLK        | 407  | Transmission Temperature Sensor Ground            |
| 54    | ORN/BLK    | 407  | MAP Sensor Ground                                 |
| 55    | BRN        | 1456 | EGR Pintle Position Sensor Signal                 |
| 56    | --         | --   | Not Used  |
| 57    | ORN        | 340  | Battery Positive Voltage                          |
| 58    | DK GRN     | 1049 | Serial Data                                       |
| 59    | --         | --   | Not Used  |
| 60    | BLK        | 452  | TP Sensor Ground                                  |
| 61    | PNK/BLK    | 632  | Camshaft Position Sensor Reference Low            |

|       |            |            |   |
|-------|------------|------------|---|
| 62-64 | --         | --         | Not Used  |
| 65    | PPL        | 1670       | HO2S Signal High Bank 2 Sensor 2                                      |
| 66    | PPL        | 1666       | HO2S Signal High Bank 2 Sensor 1                                      |
| 67    | --         | --         | Not Used  |
| 68    | PPL/WHT    | 1668       | HO2S Signal High Bank 1 Sensor 2                                      |
| 69    | PPL/WHT    | 1665       | HO2S Signal High Bank 1 Sensor 1                                      |
| 70    | BRN        | 1174       | Low Oil Level Switch  |
| 71-72 | --         | --         | Not Used  |
| 73    | BRN/WHT    | 633        | Camshaft Position (CMP) Sensor Signal                                 |
| 74    | YEL        | 410        | Engine Coolant Temperature (ECT) Sensor Signal                        |
| 75    | --         | --         | Not Used  |
| 76    | BLK/WHT    | 845        | Injector 5 Control  |
| 77    | DK BLU/WHT | 878        | Injector 8 Control  |
| 78    | --         | --         | Not Used  |
| 79    | GRA or WHT | 587 or 687 | Skip Shift Solenoid Control (M/T) or 3-2 Shift Solenoid Control (A/T) |
| 80    | BLK        | 407        | Engine Coolant Temperature (ECT) Sensor Ground                        |

### PCM Connector C2 (RED)



| <b>Connector Part Information</b> |            | <ul style="list-style-type: none"> <li>• <b>PCM Connector C2 Assembly 12191488</b></li> <li>• <b>TPA (RED) 12176410</b></li> <li>• <b>Connector Cover 12191108</b></li> </ul> |   |
|-----------------------------------|------------|---|---|
| Pin                               | Wire Color | Circuit No.   | Function  |
| 1                                 | BLK        | 451   | PCM Ground  |
| 2                                 | BRN        | 418   | TCC Control Solenoid                              |
| 3                                 | --         | --  | Not Used  |
| 4                                 | PPL        | 421   | AIR Solenoid Relay Control                        |
| 5                                 | --         | --  | Not Used  |
| 6                                 | RED/BLK    | 1228  | Transmission Fluid Pressure Control Solenoid High |

|       |            |      |  |
|-------|------------|------|--|
| 7     | RED        | 1676 | EGR Control                                      |
| 8     | LT BLU/WHT | 1229 | Transmission Fluid Pressure Control Solenoid Low |
| 9     | DK GRN/WHT | 465  | Fuel Pump Relay Control                          |
| 10    | WHT        | 121  | Engine Speed (Tach) Output Signal                |
| 11-12 | --         | --   | Not Used   |
| 13    | WHT        | 85   | Cruise Control Enable Signal                     |
| 14    | RED/BLK    | 380  | A/C Refrigerant Pressure Sensor Signal           |
| 15    | RED        | 225  | Alternator L Terminal                            |
| 16    | --         | --   | Not Used   |
| 17    | DK GRN/WHT | 762  | A/C Request Signal                               |
| 18    | DK GRN     | 59   | A/C Status Signal                                |
| 19    | --         | --   | Not Used   |
| 20    | LT GRN/BLK | 822  | Vehicle Speed Sensor (VSS) Reference Low         |
| 21    | PPL/WHT    | 821  | Vehicle Speed Sensor (VSS) Signal                |
| 22-23 | --         | --   | Not Used   |
| 24    | DK BLU     | 417  | TP Sensor Signal                                 |
| 25    | TAN        | 472  | IAT Sensor Signal                                |
| 26    | PPL        | 2121 | Ignition Control 1                               |
| 27    | RED        | 2127 | Ignition Control 7                               |
| 28    | LT BLU/WHT | 2126 | Ignition Control 6                               |
| 29    | DK GRN/WHT | 2124 | Ignition Control 4                               |
| 30    | DK BLU     | 229  | VTD Fuel Enable Signal                           |
| 31    | YEL        | 492  | MAF Sensor Signal                                |
| 32    | LT GRN     | 432  | MAP Sensor Signal                                |
| 33    | DK BLU     | 473  | Engine Cooling Fan Relay 2 and 3 Control         |
| 34    | DK GRN/WHT | 428  | EVAP Canister Purge Valve Control                |
| 35    | --         | --   | Not Used   |
| 36    | BRN        | 436  | AIR Pump Relay Control                           |
| 37    | DK GRN     | 83   | Cruise Control Inhibit                           |
| 38    | --         | --   | Not Used   |
| 39    | RED        | 631  | Camshaft Position Sensor B+ Supply               |
| 40    | BLK        | 451  | PCM Ground                                       |
| 41    | GRA        | 435  | EGR Position Sensor Ground                       |
| 42    | TAN/BLK    | 422  | TCC Enable Circuit                               |
| 43    | DK GRN/WHT | 459  | A/C Clutch Relay Control                         |
| 44    | LT GRN     | 1652 | Reverse Inhibit Solenoid Control                 |
| 45    | WHT        | 1310 | EVAP Canister Vent Valve Control                 |
| 46    | BRN/WHT    | 419  | Malfunction Indicator Lamp (MIL) Control         |
| 47    | YEL/BLK    | 1223 | Transmission Shift Solenoid B                    |

|       |            |      |  |
|-------|------------|------|--|
| 48    | LT GRN     | 1222 | Transmission Shift Solenoid A          |
| 49    | --         | --   | Not Used                               |
| 50    | DK GRN/WHT | 817  | Vehicle Speed Output Circuit           |
| 51    | YEL/BLK    | 1227 | Transmission Temperature Sensor Signal |
| 52    | --         | --   | Not Used                               |
| 53    | GRA/BLK    | 1687 | Spark Retard Signal                    |
| 54    | PPL        | 1589 | Fuel Level Sensor Signal               |
| 55-56 | --         | --   | Not Used                               |
| 57    | PPL        | 719  | IAT Sensor Ground                      |
| 58-59 | --         | --   | Not Used                               |
| 60    | BRN        | 2129 | Ignition Control Reference Low Bank 1  |
| 61    | BRN/WHT    | 2130 | Ignition Control Reference Low Bank 2  |
| 62    | --         | --   | Not Used                               |
| 63    | PNK        | 1224 | Transmission Range Signal A            |
| 64    | DK GRN     | 890  | Fuel Tank Pressure Sensor Signal       |
| 65    | --         | --   | Not Used                               |
| 66    | PPL/WHT    | 2128 | Ignition Control 8                     |
| 67    | RED/WHT    | 2122 | Ignition Control 2                     |
| 68    | DK GRN     | 2125 | Ignition Control 5                     |
| 69    | LT BLU     | 2123 | Ignition Control 3                     |
| 70-75 | --         | --   | Not Used                               |
| 76    | LT GRN/WHT | 1749 | IAC Coil B High                        |
| 77    | LT GRN/BLK | 444  | IAC Coil B Low                         |
| 78    | LT BLU/BLK | 1748 | IAC Coil A Low                         |
| 79    | LT BLU/WHT | 1747 | IAC Coil A High                        |
| 80    | --         | --   | Not Used                               |

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