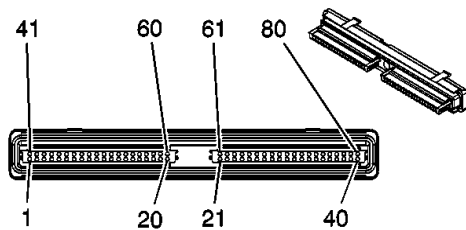


Powertrain Control Module (PCM) Connector End Views

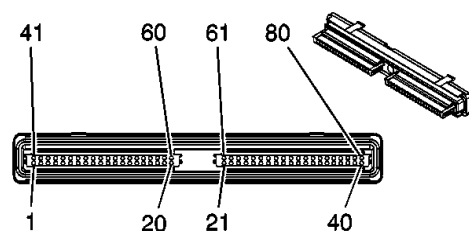
Powertrain Control Module C1



Connector Part Information			12191110 80-Way F Micro-Pack 100 Series, Sealed (BU)
Pin	Wire Color	Circuit No.	Function
1	BK	450	Ground
2	GN	1867	CKP 12-Volt Reference (C)
3	RD	1746	Fuel Injector 3 Control (B)
4	GN	1745	Fuel Injector 2 Control (B)
5-10	--	--	Not Used
11	BU	1876	Knock Sensor Signal 2 (A)
12	BU	1869	CKP Signal (A)
13	--	--	Not Used
14	OR	774	TAC UART Serial Data Tertiary (12)
15	BU	1061	TAC UART Serial Data Secondary (13)
16	--	--	Not Used
17	BU	1225	TFP Switch Signal B (R)
18	RD	1226	TFP Switch Signal C (P)
19	RD	439	Run/Crank Ignition 1 Voltage (Switched 12-volts)
20	OR	440	Battery Positive Voltage (12-volts)
21	YE	1868	CKP Low Reference (B)
22-23	--	--	Not Used
24	BK	450	Ground
25	--	--	Not Used
26	BR	1667	HO2S Low Signal Bank 2 Sensor 1 (A)
27	BK	450	Ground
28	--	--	Not Used
29	BR	1664	HO2S Low Signal Bank 1 Sensor 1 (A)
30-31	--	--	Not Used
32	BK	771	TR Switch Signal A (A)
33	PU	420	TCC Brake Switch Signal (Normally Closed)
34	WH	776	TR Switch Signal P (C)
35	--	--	Not Used
36	BK	1744	Fuel Injector Control 1 (B)

37	YE	846	Fuel Injector Control 6 (B)
38-39	--	--	Not Used
40	BK	450	Ground
41	--	--	Not Used
42	GN	335	Low Speed Cooling Fan Relay Control
43	OR	877	Fuel Injector Control 7 (B)
44	BU	844	Fuel Injector Control 4 (B)
45-47	--	--	Not Used
48	GY	2704	MAP Sensor 5-Volt Reference (C)
49-50	--	--	Not Used
51	BU	496	Knock Sensor Signal 1 (A)
52	--	--	Not Used
53	BK	2762	TFT Sensor Low Reference (M)
54	BK	469	MAP Sensor Low Reference (A)
55-56	--	--	Not Used
57	OG	440	Battery Positive Voltage (12-volts)
58	GN	1049	Data Link PCM Class 2 Serial Data
59-60	--	--	Not Used
61	BK	632	CMP Sensor Low Reference (B)
62-63	--	--	Not Used
64	BK	450	Ground
65	--	--	Not Used
66	PU	1666	HO2S High Signal Bank 2 Sensor 1 (B)
67	BK	450	Ground
68	--	--	Not Used
69	PU	1665	HO2S High Signal Bank 1 Sensor 1 (B)
70-71	--	--	Not Used
72	YE	772	Range Selector Switch Signal B (D)
73	BN	633	CMP Sensor Signal (A)
74	YE	410	ECT Sensor Signal (B)
75	RD	1020	Off/Run/Crank Voltage (Switched 12-volts)
76	WH	845	Fuel Injector Control 5 (B)
77	PU	878	Fuel Injector Control 8 (B)
78	--	--	Not Used
79	WH	687	3-2 Shift Solenoid Valve Control (S)
80	BK	720	ECT Sensor Low Reference (A)

Powertrain Control Module C2



Connector Part Information

12191110
80-Way F Micro-Pack 100 Series, Sealed (GR)

Pin	Wire Color	Circuit No.	Function
1	BK	450	Ground
2	GY	418	TCC PWM Solenoid Control (U)
3-5	--	--	Not Used
6	OR	1228	Pressure Control (PC) Solenoid Valve High Control (C)
7	--	--	Not Used
8	BU	1229	Pressure Control (PC) Solenoid Valve Low Control (D)
9	GN	465	Fuel Pump Primary Relay Control
10	WH	121	Engine Speed Signal (TACH)
11-14	--	--	Not Used
15	BR	225	Generator Turn On Signal
16-19	--	--	Not Used
20	GN	822	VSS Low Reference (B)
21	PU	821	VSS Signal (A)
22-24	--	--	Not Used
25	BR	472	MAF/IAT Sensor Signal (B)
26	PU	2121	Ignition Control 1 (B)
27	RD	2127	Ignition Control 7 (B)
28	BU	2126	Ignition Control 6 (B)
29	GN	2124	Ignition Control 4 (B)
30	--	--	Not Used
31	YE	492	MAF Sensor Signal (E)
32	GN	432	MAP Sensor Signal (B)
33	BU	473	High Speed Cooling Fan Relay Control
34-38	--	--	Not Used
39	RD	631	CMP Sensor 12-Volt Reference (C)
40	BK	450	Ground
41	--	--	Not Used
42	BR	422	TCC Solenoid Control (T)
43-45	--	--	Not Used
46	BR	419	MIL Indicator Control
47	YE	1223	2-3 Shift Solenoid Valve Control (B)
48	GN	1222	1-2 Shift Solenoid Valve Control (A)
49	YE	1827	Vehicle Speed Signal (Cruise)
50	GN	817	Vehicle Speed Signal (4K Output)
51	GN	1227	TFT Sensor Signal (L)
52-56	--	--	Not Used
57	BK	2760	MAF/IAT Sensor Low Reference (A)
58	--	--	Not Used
59	PU	806	Crank Voltage
60	BN	2129	Ignition Control Low Reference Bank 1 (COIL B)
61	BN	2130	Ignition Control Low Reference Bank 2 (COIL B)
62	GY	773	Range Selector Switch Signal C (B)
63	GY	1224	TFP Switch Signal A (N)
64-65	--	--	Not Used
66	PU	2128	Ignition Control 8
67	RD	2122	Ignition Control 2
68	GN	2125	Ignition Control 5
69	BU	2123	Ignition Control 3

70-71	--	--	Not Used
72	BK	3113	HO2S Heater Low Control Bank 1 Sensor 1 (C)
73	--	--	Not Used
74	GN	3212	HO2S Heater Low Control Bank 2 Sensor 1 (C)
75	GY	23	Generator Field Duty Cycle Signal
76-80	--	--	Not Used