



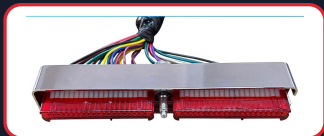
1999-2002 GM F-Body PCM Pinout

C1 BLUE

80-PIN CONNECTOR

PINS 1-40			PIN WIRE COLOR FUNCTION
PIN	WIRE COLOR	FUNCTION	
1	BLACK	PCM Ground	
2	LIGHT GREEN	12 Volt Reference	
3	PINK WITH BLACK STRIPE	Fuel Injector 3 Control	
4	LIGHT GREEN WITH BLACK STRIPE	Fuel Injector 2 Control	
5	--	Not Used in This Application	
6	--	Not Used in This Application	
7	--	Not Used in This Application	
8	GRAY	5 Volt Reference (TPS)	
9	--	Not Used in This Application	
10	--	Not Used in This Application	
11	LIGHT BLUE	KS [2] Signal	
12	DARK BLUE WITH WHITE STRIPE	CKP Sensor Signal	
13	--	Not Used in This Application	
14	--	Not Used in This Application	
15	--	Not Used in This Application	
16	--	Not Used in This Application	
17	DARK BLUE	Transmission Fluid Pressure Switch Signal B	
18	RED	Transmission Fluid Pressure Switch Signal C	
19	PINK	Ignition 1 Voltage	
20	ORANGE	Battery Positive Voltage	
21	YELLOW WITH BLACK STRIPE	Low Reference CKP	
22	--	Not Used in This Application	
23	GRAY	Low Reference not needed (C2xx Plug)	
24	--	Not Used in This Application	
25	TAN	HO2S Low Signal [Bank 2 Sensor 2]	
26	TAN	HO2S Low Signal [Bank 2 Sensor 1]	
27	--	Not Used in This Application	
28	TAN WITH WHITE STRIPE	HO2S Low Signal [Bank 1 Sensor 2]	
29	TAN WITH WHITE STRIPE	HO2S Low Signal [Bank 1 Sensor 1]	
30	--	Not Used in This Application	
31	--	Not Used in This Application	
32	GRAY	CPP Switch Signal	
33	PURPLE	TCC Brake Switch Signal	
34	ORANGE WITH BLACK STRIPE	Neutral Safety Switch Signal	
35	--	Not Used in This Application	
36	BLACK	Fuel Injector 1 Control	
37	YELLOW WITH BLACK STRIPE	Fuel Injector 6 Control	
38	--	Not Used in This Application	
39	--	Not Used in This Application	
40	BLACK	Ground	

PINS 41-80			PIN WIRE COLOR FUNCTION
PIN	WIRE COLOR	FUNCTION	
41	--	Not Used in This Application	
42	DARK GREEN	Low Speed Cooling Fan Relay Control	
43	RED WITH BLACK STRIPE	Fuel Injector 7 Control	
44	LIGHT BLUE WITH BLACK STRIPE	Fuel Injector 4 Control	
45	GRAY	5 Volt Reference (A/C Refrigerant Pressure Sensor)	
46	GRAY	5 Volt Reference (Fuel Tank Pressure Sensor)	
47	GRAY	5 Volt Reference (EGR) 99-00	
48	GRAY	5 Volt Reference (MAP Sensor)	
49	--	Not Used in This Application	
50	--	Not Used in This Application	
51	DARK BLUE	KS [1] Signal	
52	--	Not Used in This Application	
53	BLACK	Low Reference (Transmission Temperature Sensor)	
54	BLACK	Low Reference (MAP Sensor Ground)	
55	BROWN	EGR Pintle Position Sensor Signal	
56	--	Not Used in This Application	
57	ORANGE	Battery Positive Voltage	
58	DARK GREEN	ECM/PCM/VCM Class 2 Serial Data	
59	--	Not Used in This Application	
60	BLACK	Low Reference TPS	
61	PINK WITH BLACK STRIPE	Low Reference (Camshaft Position Sensor)	
62	--	Not Used in This Application	
63	--	Not Used in This Application	
64	--	Not Used in This Application	
65	PURPLE	HO2S High Signal [Bank 2 Sensor 2]	
66	PURPLE	HO2S High Signal [Bank 2 Sensor 1]	
67	--	Not Used in This Application	
68	PURPLE WITH WHITE STRIPE	HO2S High Signal [Bank 1 Sensor 2]	
69	PURPLE WITH WHITE STRIPE	HO2S High Signal [Bank 1 Sensor 1]	
70	BROWN	Oil Level Switch Signal	
71	--	Not Used in This Application	
72	--	Not Used in This Application	
73	BROWN WITH WHITE STRIPE	CMP Sensor Signal	
74	YELLOW	ECT Sensor Signal	
75	--	Not Used in This Application	
76	BLACK WITH WHITE STRIPE	Fuel Injector 5 Control	
77	DARK BLUE WITH WHITE STRIPE	Fuel Injector 8 Control	
78	--	Not Used in This Application	
79	GRAY OR WHITE	Skip Shift Solenoid Control (M/T) or 3- 2 Shift Solenoid Control (A/T)	
80	BLACK	Low Reference ECT	



1999-2002 GM F-Body PCM Pinout

C2 RED
80-PIN CONNECTOR

PINS 1-40			PIN WIRE COLOR FUNCTION
PIN	WIRE COLOR	FUNCTION	
1	BLACK	Ground	
2	BROWN	TCC Solenoid - Output - PWM	
3	--	Not Used in This Application	
4	PINK WITH BLACK STRIPE	Air Injection Reaction Solenoid Relay - Coil - Control	
5	--	Not Used in This Application	
6	RED WITH BLACK STRIPE	PC Solenoid Valve High Control (Sol.A)	
7	--	Not Used in This Application	
8	LIGHT BLUE WITH WHITE STRIPE	PC Solenoid Valve Low Control (Sol.A)	
9	DARK GREEN WITH WHITE STRIPE	Fuel Pump Relay Control [Primary]	
10	WHITE	Engine Speed Signal	
11	--	Not Used in This Application	
12	--	Not Used in This Application	
13	WHITE	Cruise Control Engage Signal	
14	RED WITH BLACK STRIPE	A/C Refrigerant Pressure Sensor Signal	
15	RED	Generator Turn ON Signal	
16	--	Not Used in This Application	
17	DARK GREEN WITH WHITE STRIPE	A/C Request Signal	
18	DARK GREEN	A/C Compressor Clutch Supply Voltage	
19	--	Not Used in This Application	
20	LIGHT GREEN WITH BLACK STRIPE	VSS Low Signal	
21	PURPLE WITH WHITE STRIPE	VSS High Signal	
22	--	Not Used in This Application	
23	--	Not Used in This Application	
24	DARK BLUE	TP Sensor Signal	
25	TAN	IAT Sensor Signal	
26	PURPLE	IC 1 Control	
27	RED	IC 7 Control	
28	LIGHT BLUE WITH WHITE STRIPE	IC 6 Control	
29	DARK GREEN WITH WHITE STRIPE	IC 4 Control	
30	DARK BLUE	Fuel Enable Control	
31	YELLOW	MAF Sensor Signal	
32	LIGHT GREEN	MAP Sensor Signal	
33	DARK BLUE	High Speed Cooling Fan Relay Control	
34	DARK GREEN WITH WHITE STRIPE	EVAP Canister Purge Solenoid Control	
35	--	Not Used in This Application	
36	BROWN	AIR Pump Relay Control	
37	DARK GREEN	Cruise Control Inhibit Signal	
38	--	Not Used in This Application	
39	RED	12 Volt Reference CMP	
40	BLACK	Ground	

PINS 41-80			PIN WIRE COLOR FUNCTION
PIN	WIRE COLOR	FUNCTION	
41	GRAY	EGR Solenoid Ground 99-00	
42	TAN WITH BLACK STRIPE	TCC Solenoid Valve Control	
43	DARK GREEN WITH WHITE STRIPE	A/C Clutch Relay Control	
44	LIGHT GREEN	Reverse Lock Out Solenoid Control	
45	WHITE	EVAP Canister Vent Solenoid Control	
46	BROWN WITH WHITE STRIPE	MIL Control	
47	YELLOW WITH BLACK STRIPE	2 - 3 Shift Solenoid Valve Control	
48	LIGHT GREEN	1 - 2 Shift Solenoid Valve Control	
49	--	Not Used in This Application	
50	DARK GREEN WITH WHITE STRIPE	VSS Signal	
51	YELLOW WITH BLACK STRIPE	TFT Sensor Signal	
52	--	Not Used in This Application	
53	GRAY WITH BLACK STRIPE	Ignition Retard Signal	
54	PURPLE	Fuel Level Sensor Signal	
55	--	Not Used in This Application	
56	--	Not Used in This Application	
57	PURPLE	Low Reference IAT	
58	--	Not Used in This Application	
59	--	Not Used in This Application	
60	BROWN	Ignition Control Low Reference	
61	BROWN WITH WHITE STRIPE	Ignition Control Low Reference	
62	--	Not Used in This Application	
63	PINK	Transmission Fluid Pressure Switch Signal A	
64	DARK GREEN	Fuel Tank Pressure Sensor Signal	
65	--	Not Used in This Application	
66	PURPLE WITH WHITE STRIPE	IC 8 Control	
67	RED WITH WHITE STRIPE	IC 2 Control	
68	DARK GREEN	IC 5 Control	
69	LIGHT BLUE	IC 3 Control	
70	--	Not Used in This Application	
71	--	Not Used in This Application	
72	--	Not Used in This Application	
73	--	Not Used in This Application	
74	--	Not Used in This Application	
75	--	Not Used in This Application	
76	LIGHT GREEN WITH WHITE STRIPE	IAC Coil B High Control	
77	LIGHT GREEN WITH BLACK STRIPE	IAC Coil B Low Control	
78	LIGHT BLUE WITH BLACK STRIPE	IAC Coil A Low Control	
79	LIGHT BLUE WITH WHITE STRIPE	IAC Coil A High Control	
80	--	Not Used in This Application	