

## Y Body 2000 Connector C1 BLUE

Pin	Wire Color	Circuit No.	Function	Pin	Wire Color	Circuit No.	Function
1	BLK	451	PCM Ground	41	--	--	Not Used
2	LT GRN	1867	12 Volt Reference	42	DK GRN	335	Low Speed Cooling Fan Relay Control
3	PNK/BLK	1746	Fuel Injector 3 Control	43	RED/BLK	877	Fuel Injector 7 Control
4	LT GRN/BLK	1745	Fuel Injector 2 Control	44	LT BLU/BLK	844	Fuel Injector 4 Control
5	--	--	Not Used	45	GRA	474	5 Volt Reference (A/C Refrigerant Pressure Sensor)
6	--	--	Not Used	46	GRA	598	5 Volt Reference (Fuel Tank Pressure Sensor)
7	GRA	596	5 Volt Reference Oil Pressure Sensor	47	--	--	Not Used
8	--	--	Not Used	48	GRA	416	5 Volt Reference (MAP Sensor)
9	--	--	Not Used	49	--	--	Not Used
10	--	--	Not Used	50	--	--	Not Used
11	LT BLU	1876	KS [2] Signal	51	DK BLU	496	KS [1] Signal
12	DK BLU/WHT	1869	CKP Sensor Signal	52	--	--	Not Used
13	ORN/BLK	1869	Requested Torque Signal	53	ORN/BLK	1057	Low Reference (Transmission Temperature Sensor)
14	TAN	800	Throttle Actuator Control Serial Data	54	ORN/BLK	469	Low Reference (MAP Sensor Ground)
15	ORN/BLK	1061	Throttle Actuator Control Serial Data	55	--	--	Not Used
16	--	--	Not Used	56	--	--	Not Used
17	DK BLU	1225	Transmission Fluid Pressure Switch Signal B	57	ORN	340	Battery Positive Voltage
18	RED	1226	Transmission Fluid Pressure Switch Signal C	58	DK GRN	1049	ECM/PCM/VCM Class 2 Serial Data
19	PNK	439	Ignition 1 Voltage	59	--	--	Not Used
20	ORN	340	Battery Positive Voltage	60	BLK	407	A/C Refrigerant Pressure Sensor Ground
21	YEL/BLK	1868	Low Reference CKP	61	PNK/BLK	632	Low Reference (Camshaft Position Sensor)
22	--	--	Not Used	62	GRY	847	Extended Travel Brake Switch Signal
23	GRA	720	Low Reference not needed	63	BLK	452	Engine Oil pressure Sensor Ground
24	--	--	Not Used	64	--	--	Not Used
25	TAN	1671	HO2S Low Signal [Bank 2 Sensor 2]	65	PPL	1670	HO2S High Signal [Bank 2 Sensor 2]
26	TAN	1667	HO2S Low Signal [Bank 2 Sensor 1]	66	PPL	1666	HO2S High Signal [Bank 2 Sensor 1]
27	--	--	Not Used	67	--	--	Not Used
28	TAN/WHT	1669	HO2S Low Signal [Bank 1 Sensor 2]	68	PPL/WHT	1668	HO2S High Signal [Bank 1 Sensor 2]
29	TAN/WHT	1653	HO2S Low Signal [Bank 1 Sensor 1]	69	PPL/WHT	1665	HO2S High Signal [Bank 1 Sensor 1]
30	--	--	Not Used	70	BRN	1174	Oil Level Switch Signal
31	--	--	Not Used	71	--	--	Not Used
32	BLK/WHT	771	PRND A Input Signal (A4)	72	YEL	772	PRND B Input Signal (A4)
33	PPL	420	TCC Brake Switch Signal (A4)	73	BRN/WHT	633	CMP Sensor Signal
34	ORN/BLK	434	PRND P Input Signal (A4)	74	YEL	410	ECT Sensor Signal
35	GRY	48	Clutch Switch (M6)	75	--	--	Not Used
36	BLK	1744	Fuel Injector 1 Control	76	BLK/WHT	845	Fuel Injector 5 Control
37	YEL/BLK	846	Fuel Injector 6 Control	77	DK BLU/WHT	878	Fuel Injector 8 Control
38	PNK/WHT	1101	Powertrain induced Chassis Pitch Signal (if so equipped)	78	--	--	Not Used
39	--	--	Not Used	79	GRA or WHT	587 or 687	Skip Shift Solenoid Control (M/T) or 3-2 Shift Solenoid Control (A/T)
40	BLK	451	Ground	80	BRN	718	Low Reference ECT

**Y Body 2000 Connector C2 RED**

Pin	Wire Color	Circuit No.	Function	Pin	Wire Color	Circuit No.	Function
1	BLK/WHT	451	Ground	41	--	--	Not Used
2	BRN	418	TCC Solenoid - Output - PWM	42	TAN/BLK	422	TCC Solenoid Valve Control
3	--	--	Not Used	43	DK GRN/WH T	459	A/C Clutch Relay Control
4	PPL	421	Air Injection Reaction Solenoid Relay - Coil - Control	44	LT GRN	1652	Reverse Lock Out Solenoid Control
5	TAN/BLK	464	Torque Delivered	45	WHT	1310	EVAP Canister Vent Solenoid Control
6	RED/BLK	1228	PC Solenoid Valve High Control (Sol.A)	46	BRN/WH T	419	MIL Control
7	--	--	Not Used	47	YEL/BLK	1223	2 - 3 Shift Solenoid Valve Control
8	LT BLU/WHT	1229	PC Solenoid Valve Low Control (Sol.A)	48	LT GRN	1222	1 - 2 Shift Solenoid Valve Control
9	DK GRN/WHT	465	Fuel Pump Relay Control [Primary]	49	--	--	Not Used
10	WHT	121	Engine Speed Signal	50	DK GRN/WH T	817	VSS Signal
11	--	--	Not Used	51	YEL/BLK	1227	TFT Sensor Signal
12	--	--	Not Used	52	GRY	23	Alternator F Terminal
13	--	--	Not Used	53	--	--	Not Used
14	RED/BLK	380	A/C Refrigerant Pressure Sensor Signal	54	PPL	1589	Fuel Level Sensor Signal
15	RED	225	Generator Turn ON Signal (L Terminal)	55	--	--	Not Used
16	--	--	Not Used	56	--	--	Not Used
17	DK GRN/WHT	762	A/C Request Signal	57	PPL	719	Low Reference IAT
18	DK GRN	59	A/C Compressor Clutch Status	58	TAN/WHT	331	Engine Oil Pressure Sensor Signal
19	--	--	Not Used	59	--	--	Not Used
20	LT GRN/BLK	822	VSS Low Signal	60	BRN	2129	Ignition Control Low Reference
21	PPL/WHT	821	VSS High Signal	61	BRN/WH T	2130	Ignition Control Low Reference
22	--	--	Not Used	62	GRY	773	PRNDL C Input Signal (A4)
23	--	--	Not Used	63	PNK	1224	Transmission Fluid Pressure Switch Signal A
24	--	--	Not Used (Throttle Position Sensor Signal if Drive By Cable)	64	DK GRN	890	Fuel Tank Pressure Sensor Signal
25	TAN	472	IAT Sensor Signal	65	--	--	Not Used
26	PPL	2121	IC 1 Control	66	PPL/WHT	2128	IC 8 Control
27	RED	2127	IC 7 Control	67	RED/WH T	2122	IC 2 Control
28	LT BLU/WHT	2126	IC 6 Control	68	DK GRN	2125	IC 5 Control
29	DK GRN/WHT	2124	IC 4 Control	69	LT BLU	2123	IC 3 Control
30	--	--	Not Used	70	--	--	Not Used
31	YEL	492	MAF Sensor Signal	71	--	--	Not Used
32	LT GRN	432	MAP Sensor Signal	72	--	--	Not Used
33	DK BLU	473	High Speed Cooling Fan Relay Control	73	LT BLU	1937	Fuel Level Sensor Signal (Secondary)
34	DK GRN/WHT	428	EVAP Canister Purge Solenoid Control	74	--	--	Not Used
35	--	--	Not Used	75	--	--	Not Used
36	BRN	436	AIR Pump Relay Control	76	--	--	Not Used
37	--	--	Not Used	77	--	--	Not Used
38	--	--	Not Used	78	--	--	Not Used
39	RED	631	12 Volt Reference CMP	79	--	--	Not Used
40	BLK	451	Ground	80	--	--	Not Used