

Truck 2004 4.8/5.3/6.0 Connector C2 GREEN

Pin	Wire Color	Circuit No.	Function
1	BLK/WHT	451	PCM Ground
2	BRN	418	TCC PWM Solenoid Valve Control (A/T)
3	TAN	1465	Fuel Pump Relay Control - Secondary (Dual Tanks)
4	--	--	Not Used
5	TAN/BLK	464	Delivered Torque Signal (NW7)
6	RED/BLK	1228	PC Solenoid Valve High Control (A/T)
7	--	--	Not Used
8	LT BLU/WHT	1229	PC Solenoid Valve Low Control (A/T)
9	DK GRN/WHT	465	Fuel Pump Relay Control - Primary
10	WHT	121	Engine Speed Signal
11	--	--	Not Used
12	--	--	Not Used
13	--	--	Not Used
14	RED/BLK	380	A/C Refrigerant Pressure Sensor Signal (A/C)
15	BRN	25	Charge Indicator Control (MODELS WITH GENERATOR BATTERY CONTROL MODULE, REWIRE ALTERNATOR BROWN WIRE TO THIS PIN TO REMOVE GBCM)
16	GRY/BLK	1694	4WD Low Signal (KEEP IF USING STOCK TRANSFER CASE IN A 4WD APPLACTION, WITH VSS ON OUTPUT OF TRANSFER CASE.
17	--	--	Not Used
18	DK GRN	1433	Clutch Start Switch Signal (M/T)
19	BLK/WHT	1695	Axle Switch Signal (NP2)
20	LT GRN/BLK	822	VSS Low Signal
21	PPL/WHT	821	VSS High Signal
22	RED/BLK	1230	AT ISS High Signal (4WD w/MT1)
23	DK BLU/WHT	1231	AT ISS Low Signal (4WD w/MT1)
24	DK BLU	--	Throttle Position Sensor Signal - TPS Pin C - Cable Throttle ONLY
25	TAN	472	IAT Sensor Signal
26	PPL	2121	IC 1 Control
27	RED	2127	IC 7 Control
28	LT BLU/WHT	2126	IC 6 Control
29	DK GRN/WHT	2124	IC 4 Control
30	--	--	Not Used
31	YEL	492	MAF Sensor Signal
32	LT GRN	432	MAP Sensor Signal
33	--	--	Not Used - ADD PIN FOR FAN 2 RELAY CONTROL
34	DK GRN/WHT	428	EVAP Canister Purge Solenoid Control
35	--	--	Not Used
36	--	--	Not Used
37	--	--	Not Used
38	--	--	Not Used
39	RED	631	12 Volt Reference (CMP)
40	BLK/WHT	451	PCM Ground
41	--	--	Not Used
42	TAN/BLK	422	TCC Solenoid Valve Control (M30/M32)
43	DK GRN/WHT	459	A/C Compressor Clutch Relay Control (A/C)
44	--	--	Not Used
45	WHT	1310	EVAP Canister Vent Solenoid Control (EVA)
46	BRN/WHT	419	Check Engine Light Control
47	YEL/BLK	1223	2-3 Shift Solenoid Valve Control (A/T)
48	LT GRN	1222	1-2 Shift Solenoid Valve Control (A/T)
49	YEL/BLK	1827	Vehicle Speed Signal OUT 129k/mile
50	DK GRN/WHT	817	Vehicle Speed Signal OUT 4k/mile
51	YEL/BLK	1227	TFT Sensor Signal (A/T)
52	BRN	2391	HO2S Heater Low Control Bank 1 Sensor 2
53	RED/WHT	3223	HO2S Heater Low Control Bank 2 Sensor 2
54	PPL	1589	Fuel Level Sensor Signal - Primary
55	--	--	Not Used
56	--	--	Not Used
57	BLK	552	Low Reference (IAT)
58	TAN/WHT	332	Oil Pressure Sensor Signal
59	PPL	806	Crank Voltage
60	BRN	2129	Ignition Control Reference Low Bank 1
61	BRN/WHT	2130	Ignition Control Reference Low Bank 2
62	GRY	773	Transmission Range Switch Signal C (A/T)
63	PNK	1224	Transmission Fluid Pressure Switch Signal A (A/T)
64	DK GRN	890	Fuel Tank Pressure Sensor Signal (EVA)
65	--	--	Not Used
66	PPL/WHT	2128	IC 8 Control
67	RED/WHT	2122	IC 2 Control
68	DK GRN	2125	IC 5 Control
69	LT BLU	2123	IC 3 Control
70	--	--	Not Used
71	--	--	Not Used
72	BLK/WHT	3113	HO2S Heater Low Control Bank 1 Sensor 1
73	DK BLU	1936	Fuel Level Sensor Signal - Secondary
74	LT GRN	3212	HO2S Heater Low Control Bank 2 Sensor 1
75	GRY	23	Generator Field Duty Cycle Signal (MODELS WITH GENERATOR BATTERY CONTROL MODULE, REWIRE ALTERNATOR GRAY WIRE TO THIS PIN TO REMOVE GBCM)
76	--	--	Not Used
77	--	--	Not Used
78	--	--	Not Used
79	--	--	Not Used
80	BLK	2751	Low Reference (A/C)