

2006 Chevrolet Cobalt L4-2.2L VIN F

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ECM C2			
Pin	Wire Color	Circuit No.	Function
26	L-BU/BK	1688	5-Volt Reference-2
27	GY	474	5-Volt Reference (NU3)
28	GY	2700	5-Volt Reference-1 (C67)
29	TN/WH	1704	Low Reference
30	WH	5268	AIR Solenoid Position Signal (NU3)
31	TN	2752	Low Reference
32-33	--	--	Not Used
34	PK	5293	Engine Main Relay Fused Control (4)
36	PU	486	TP Sensor 2 Signal
37	--	--	Not Used
38	TN	2760	Low Reference
39	--	--	Not Used
40	OG/BK	469	Low Reference
41	PU/WH	3110	HO2S High Signal Sensor 1
42	TN/WH	3111	HO2S Low Signal Sensor 1
43	PU/WH	1668	HO2S High Signal Sensor 2
44	TN/WH	1669	HO2S Low Signal Sensor 2
45-46	--	--	Not Used
47	D-GN	335	Low Speed Cooling Fan Relay Control
48	TN/BK	231	Oil Pressure Switch Signal
49	OG/BK	380	A/C Refrigerant Pressure Sensor Signal (C67)
50	YE	410	ECT Sensor Signal
51	GY/WH	23	Generator Field Duty Cycle Signal
52	YE	492	MAF Sensor Signal
53	GY/WH	3113	HO2S Heater Low Control Sensor 1
54	WH	423	IC Timing Control 1
55	OG	406	IC Timing Control 2
56-57	--	--	Not Used
58	D-GN	485	TP Sensor 1 Signal
59	BK/WH	2751	Low Reference
60	BK	407	Low Reference (NU3)
61	TN	2761	Low Reference
62	L-GN	432	MAP Sensor Signal
63	OG	225	Generator Turn On Signal
64	TN/BK	2500	High Speed GMLAN Serial Data (+)
65	TN	2501	High Speed GMLAN Serial Data (-)
66	YE	573	CKP Sensor Signal
67	PU	574	Low Reference
68	TN	472	IAT Sensor Signal
69	--	--	Not Used
70	BN/WH	633	CMP Sensor Signal
71	GY	1716	Low Reference
72	D-BU	496	Knock Sensor Signal
73	BK/WH	451	Ground