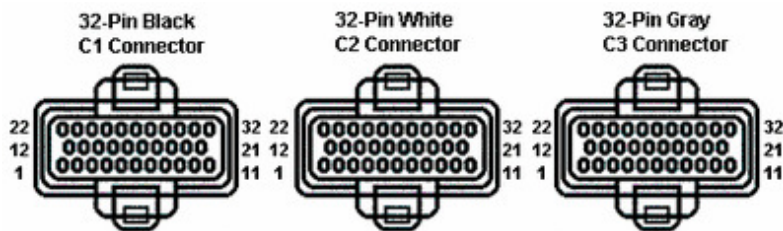


**3.9L VIN X 'C1' Black Connector**

PCM Pin #	Wire Color	Circuit Description (32-Pin)	Value at Hot Idle
1	---	Not Used	---
2	LG/BK	Ignition Switch Power (B+)	12-14v
3	---	Not Used	---
4	BK/LB	Sensor Ground	
5	---	Not Used	---
6	BK/WT	PNP Switch Sense Signal	In P/N: 0v, Others: 5v
7	BK/GY	Coil 1 Driver Control	5°, 55 mph: 8° dwell
8	GY/BK	CKP Sensor Signal	Digital Signals: 0-5-0v
9	---	Not Used	---
10	YL/BK	IAC 2 Driver Control	Pulse Signals
11	BR/WT	IAC 3 Driver Control	Pulse Signals
12	---	Not Used	---
13	OR	Power Takeoff Switch Sense	Switch Off: 12v, On: 1v
14	---	Not Used	---
15	BK/RD	IAT Sensor Signal	At 100°F: 1.83v
16	TN/BK	ECT Sensor Signal	At 180°F: 2.80v
17	VT/WT	5-Volt Supply	4.9-5.1v
18	TN/YL	CMP Sensor Signal	Digital Signals: 0-5-0v
19	GY/RD	IAC 1 Driver Control	Pulse Signals
20	VT/BK	IAC 4 Driver Control	Pulse Signals

PCM Pin #	Wire Color	Circuit Description (32-Pin)	Value at Hot Idle
21	---	Not Used	---
22	RD/WT	Keep Alive Power (B+)	12-14v
23	OR/DB	TP Sensor Signal	0.6-1.0v
24	TN/WT	HO2S-11 (B1 S1) Signal	0.1-1.1v
25	OR/BK	HO2S-12 (B1 S2) Signal	0.1-1.1v
26	LG/RD	HO2S-21 (B2 S1) Signal (Cal)	0.1-1.1v
27	DG/RD	MAP Sensor Signal	1.5-1.6v
28	---	Not Used	---
29	OR/TN	HO2S-22 (B2 S2) Signal (Cal)	0.1-1.1v
30	---	Not Used	---
31	BK/TN	Power Ground	
32	BK/TN	Power Ground	



View is looking into the connectors

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