

5.9L VIN Z (A/T) '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	BR/YL	PNP Switch Sense Signal	In P/N: 0v, Others: 5v
7	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 1 Driver Control	Pulse Signals
12-14	---	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	OR	5-Volt Supply	4.9-5.1v
18	TN/YL	CMP Sensor Signal	Digital Signals: 0-5-0v
19	GY/RD	IAC 3 Driver Control	Pulse Signals
20	VT/BK	IAC 4 Driver Control	Pulse Signals
21	---	Not Used	---
22	DG/BK	Keep Alive Power (B+)	12-14v

PCM Pin #	Wire Color	Circuit Description (32-Pin)	Value at Hot Idle
23	OR/DB	TP Sensor Signal	0.6-1.0v
24	DB/DG	HO2S-11 (B1 S1) Signal	0.1-1.1v
25	TN/WT	HO2S-12 (B1 S2) Signal	0.1-1.1v
26	---	Not Used	---
27	DG/RD	MAP Sensor Signal	1.5-1.6v
28-32	---	Not Used	---