

5.2L VIN Y 'C3' Gray Connector

PCM Pin #	Wire Color	Circuit Description (32-Pin)	Value at Hot Idle
1	DB/OR	A/C Clutch Relay Control	Relay Off: 12v, On: 1v
3	DB/YL	ASD Relay Control	Relay Off: 12v, On: 1v
4	TN/RD	Speed Control Vacuum Solenoid	Vacuum Increasing: 1v
5	LG/RD	Speed Control Vent Solenoid	Vacuum Decreasing: 1v
6 ('98)	LG/OR	Overdrive Off Lamp Control	Lamp Off: 12v, On: 1v
8	BR/VT	HO2S-11 Heater Control (Cal)	PWM Signal: 0-12-0v
9	DG/PK	HO2S-12 Heater Relay (Cal)	Relay Off: 12v, On: 1v
10	WT/DG	LDP Solenoid Control	PWM Signal: 0-12-0v
11	YL/RD	Speed Control Power Supply	12-14v
12	DG/OR	ASD Relay Power (B+)	12-14v
13	OR/WT	Overdrive Off Switch Sense	Switch Off: 12v, On: 1v
14	OR	LDP Switch Sense Signal	LDP Switch Closed: 0v
15	PK/YL	Battery Temperature Sensor	At 86°F: 1.96v
19	BR/WT	Fuel Pump Relay Control	Relay Off: 12v, On: 1v
20	PK/WT	EVAP Purge Solenoid Control	PWM Signal: 0-12-0v
22	BR	A/C Switch Signal	A/C Off: 12v, On: 1v
23	LG/WT	A/C Select Signal	A/C Off: 12v, On: 1v
24	WT/PK	Brake Switch Sense Signal	Brake Off: 0v, On: 12v
25	DB	Generator Field Source	12-14v
26	DB/WT	Fuel Level Sensor Signal	Full: 0.56v, 1/2 full: 2.5v

PCM Pin #	Wire Color	Circuit Description (32-Pin)	Value at Hot Idle
27	PK/DB	SCI Transmit Signal	0v
28	WT/BK	CCD Bus (-) Signal	
29	DG	SCI Receive Signal	5v
30	VT/BR	CCD Bus (+) Signal	Digital Signals: 0-5-0v
32	RD/LG	Speed Control Set Switch Signal	S/C & Set Switch On: 3.8v