

## Inyeccion y Control Automotriz

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VOLTAGE					VOLTAGE				
IGN. ON	ENG. RUN	OPEN Ckt.	CIRCUIT	WIRE COLOR	IGN. ON	ENG. RUN	OPEN Ckt.		
0	16		FUEL PUMP RELAY	A1	DK GRN	12	16	12	
12	16	13	A/C CLUTCH CONTROL	A2	DK GRN				
12	16	12	CAMSHAFT PULSE CONTROL	A3	DK GRN				
12	16	12	ECM CONTROL	A4	GRN				
0	16	12	CHECK ENGINE CONTROL	A5	BRN/WH				
12	16	12	IGN. SCMPLE	A6	Pk/BLK				
0	0	07L	TEC CONTROL	A7	TAN/BLK				
2.9	2.9		SERIAL DATA	A8	GRN				
5	5	0	DIAG. "SPN"	A9	WH/BLK				
	0		SPEED SENSOR SIGNAL	A10	GRN				
	0		MAT	A11	DK GRN				
0	0	0	GRN D	A12	BLK/WH				

			NOT USED	E1					
			NOT USED	E2					
			INC. BLK	E3	LT GRN				
			INC. B/P	E4	LT GRN				
			INC. N/R	E5	LT BLU				
			INC. A/LD	E6	LT BLU				
			NOT USED	E7					
0	0	0	STEERING SIGNAL	E8	DK GRN				
0	0	0	A/C FAN REQUEST	E9	DK GRN				
1.5	1.7	0	COOLANT TEMP SIGNAL	E10	YEL				
			NOT USED	E11					
55 V ± 0.5 V			TPE BACK-UP	E12	DK BLU				
55 V ± 0.5 V			TPE SIGNAL	E13	DK BLU				
5	5	0	TPE S/P REF	E14	GRY				
12	16	12	5 INJ 2 & 6	E15	LT GRN				
12	16	12	5 INJ 12 & 13	E16	GRN				

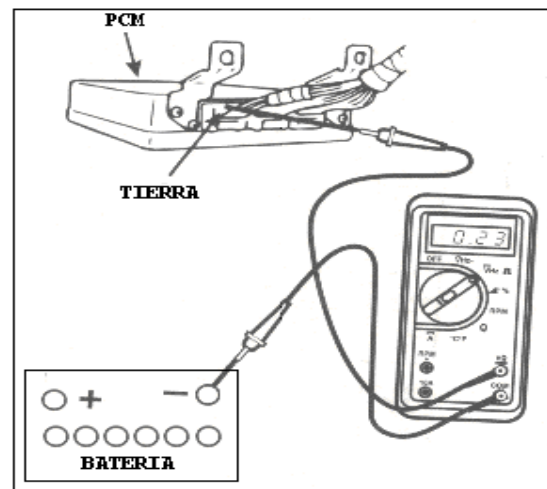
WIRE COLOR	PIN	CIRCUIT	IGN. ON	ENG. RUN	OPEN Ckt.
GRN	B1	BAT 12 VOLTS	12	16	12
TAN/WH	B2	FUEL PUMP SIGNAL	0	16	0
BLK/RED	B3	EST REF LOW	0	0	0
WH	B4	EST CONTROL	0	1.5	0
PRI MMET	B5	EST REF HI	0	1.8	0
WH/WH	B6	MASS AIR FLOW SENSOR SIGNAL	2.5	2.5	0
	B7	NOT USED			
DK GRN	B8	A/C SIGNAL	0	0	0
TAN	B9	P.S.P.S	12	12	0
GRN/BLK	B10	BAROMETRIC SW SIGNAL	0	0	0
	B11	NOT USED			
	B12	NOT USED			

BLK	D1	GRN D			
DK GRN	D2	COOLING FAN CONTROL	12	16	12
	D3	NOT USED			
	D4	NOT USED			
TAN/BLK	D5	EST SWRASE	0	4.75	0
TAN	D6	GRND Rpt	0	0	0
PL	D7	A2 SPN/LS SIGNAL			
DK GRN	D8	IGN DIAG. SWITCH	12	16	0
	D9	NOT USED			
	E10	NOT USED			
	E11	NOT USED			
	E12	NOT USED			
BLK	E13	COOLANT TPE MAP SENSOR GND	3	0	0
LT GRN	E14	INJ 1 & 2	12	16	12
LT BLU	E15	INJ 3 & 4	12	16	12
LT BLU	E16	INJ 5 & 6	12	16	12

### CHECANDO LA INTEGRIDAD DE LAP CONECCION A TIERRA AL PCM.

Usa un voltmetro digital, para checar la caida de voltage entre el PCM y la coneccion a tierra, siguiente fig:



Checando la coneccion a tierra al PCM.