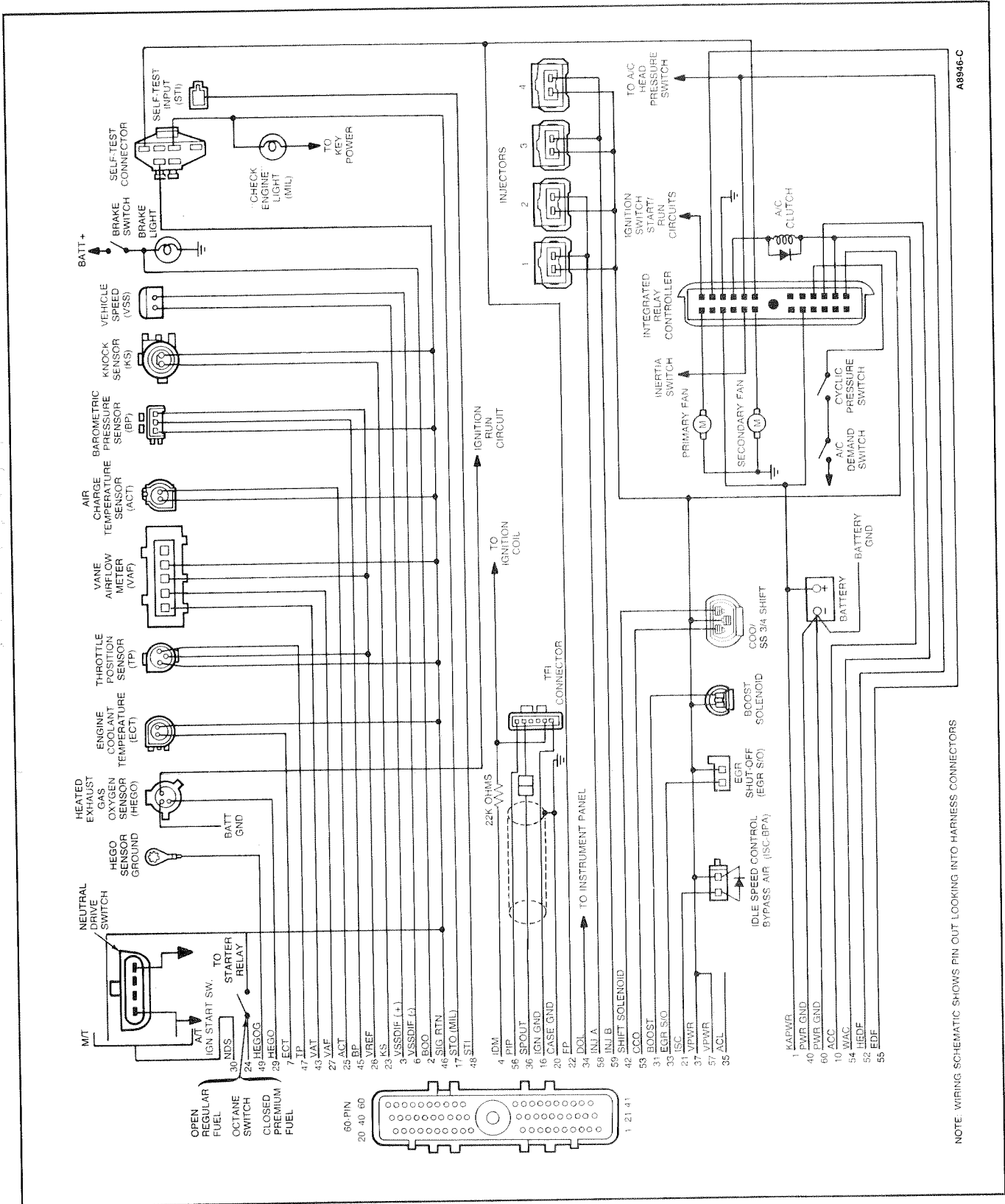


Electrical Schematic

2.3L EFI TURBO



A8946-C

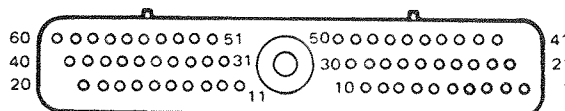
EEC-IV Module Connector Pin Usage

**2.3L
EFI
TURBO**

THUNDERBIRD

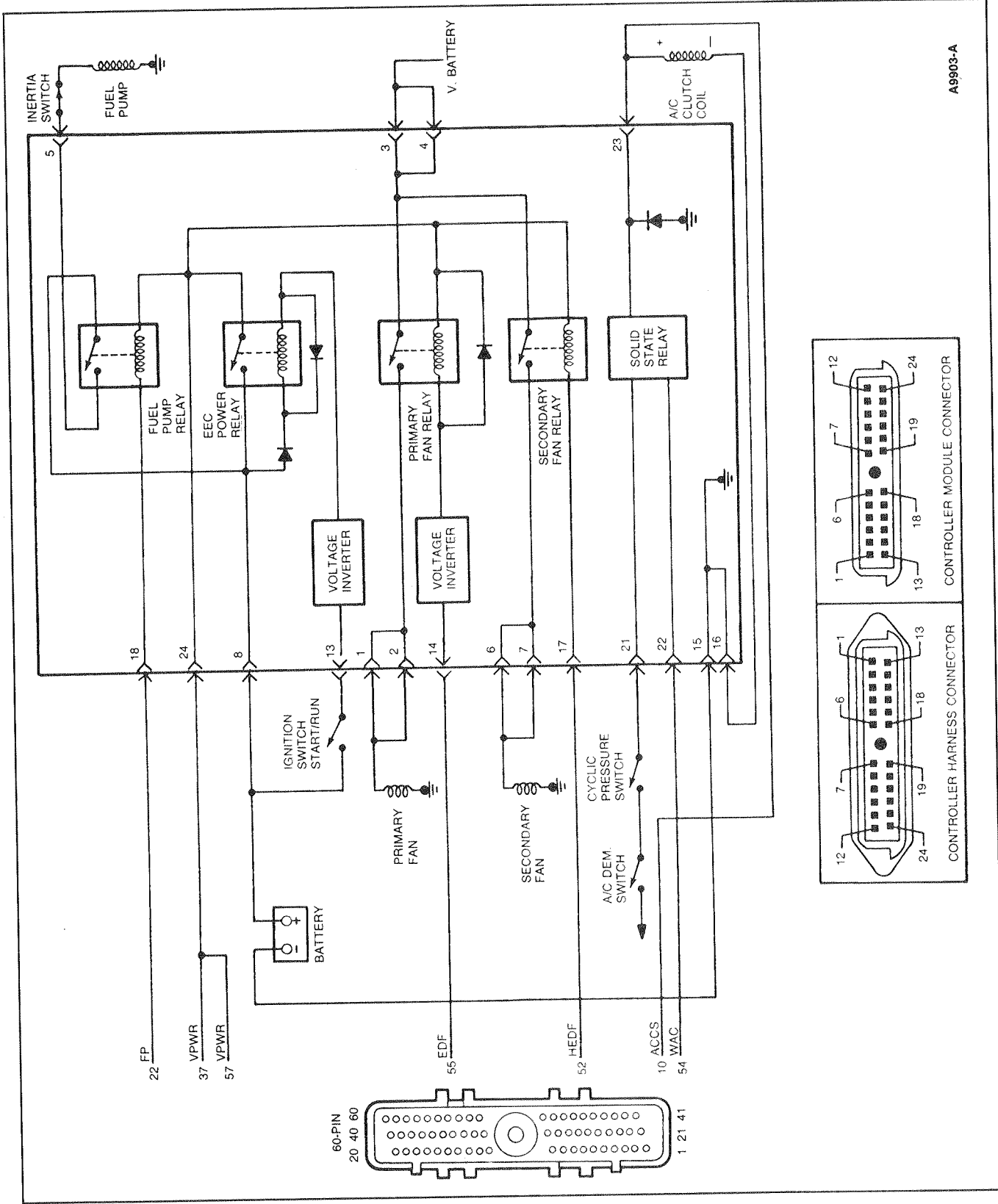
Pin	Circuit	Wire Color	Application	Abbreviations
1	37	Y	Keep Alive Power	KAPWR
2	511	LG	Brake On/Off	BOO
3	150	DG/W	Vehicle Speed Sensor +	VSS DIF +
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
6	563	O/Y	Vehicle Speed Sensor -	VSS DIF -
7	354	LG/Y	Engine Coolant Temperature	ECT
10	347	BK/Y	A/C Clutch	ACC
16	259	BK/O	Ignition Ground	IGN GND
17	382	Y/BK	Self-Test Output/"CHECK ENGINE" Light	STO/(MIL)
20	60	BK/LG	Case Ground	CSE GND
21	68	O/BK	Idle Speed Control - (Bypass Air)	ISC-BPA
22	97	T/LG	Fuel Pump Control	FP
23	310	Y/R	Knock Sensor	KS
24	670	R/Y	Octane Switch	OCTANE SW
25	470	PK/BK	Air Charge Temperature Sensor	ACT
26	351	O/W	Voltage Reference	VREF
27	200	W/BK	Vane Air Flow	VAF
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO
30	376	BR/W	Neutral Drive Switch (A/T)	NDS
30	359	BK/W	Neutral Input (M/T)	NI
31	464	BK/PK	Boost Control	BOOST
33	362	Y	Exhaust Gas Recirculation Shut Off	EGR S/O
34	305	LB/PK	Data Output Link	DOL
35	836	O/W	Automatic Adjustable Shock Controller	ACL
36	324	Y/LG	Spark Output	SPOUT
37	361	R	Vehicle Power	VPWR
40	60	BK/LG	Battery Ground	PWR GND
42	435	Y/LB	Shift Solenoid	SS
43	357	LG/P	Vane Air Temperature	VAT
45	358	LG/BK	Barometric Pressure	BP
46	359	BK/W	Signal Return	SIG RTN
47	355	DG/LG	Throttle Position Sensor	TP
48	209	W/R	Self-Test Input	STI
49	89	O	Heated Exhaust Gas Oxygen Ground	HEGOG
52	639	PK	High Electric Drive Fan	HEDF
53	77	DB/Y	Converter Clutch Override	CCO
54	331	R	W.O.T. A/C Cut-Off	WAC
55	197	T/O	Electric Drive Fan	EDF
56	349	DB	Profile Ignition Pick-Up	PIP
57	361	R	Vehicle Power	VPWR
58	555	T	Injector Bank A	INJ A
59	557	BR/Y	Injector Bank B	INJ B
60	60	BK/LG	Battery Ground	PWR GND

Pin locations given for reference only. Probing 60 pin connector with DVOM probe will result in permanent damage to the pin connectors. Always probe as directed, using the Breakout Box.



Integrated Controller Schematic

2.3L EFI TURBO



A9903-A

Integrated Controller Pin Usage

**2.3L
EFI
TURBO**

Pin	Circuit	Wire Color	Applications	Abbreviations
1	228A	BR/Y	Power to Primary Fan	PTPF
2	228B	BR/Y	Power to Primary Fan	PTPF
3	37A	Y	Power to Primary and Secondary Relays	PTPSR
4	37B	Y	Power to Primary and Secondary Relays	PTPSR
5	787	PK/BK	Power to Fuel Pump	PTP
6	181A	BR/O	Power to Secondary Fan	PTSF
7	181B	BR/O	Power to Secondary Fan	PTSF
8	37C	Y	Battery to EEC Relay	BATT +
13	16C	R/LG	Key Power	KEY PWR
14	197	T/O	EDF Circuit (Primary)	EDF
15	57G	BK	Power Ground	PWR GRD -
16	321	GY/W	A/C Clutch Ground	PWR GRD
17	639	PK	HEDF Circuit (Secondary)	HEDF
18	97A	T/LG	Fuel Pump Circuit	FP
21	883	PK/LB	A/C Cyclic Switch	ACC
22	331	R	WOT A/C Cut Off Circuit	WAC
23	347B	BK/Y	Power to A/C	PTAC
24	361	R	Vehicle Power	VPWR