

SECTION 17

EEC-IV — Engine Supplement — Passenger Car

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SECTION 17

EEC-IV — Engine Supplement — Passenger Car

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EEC-IV Diagnostic By Symptom

Car

NOTE: You should only enter Diagnostic By Symptom when directed here from Section 16.

Symptom	Pinpoint Test Step Direction										
	1.9L EFI	1.9L CFI	2.3L OHC EFI	2.3L TC EFI	2.3L HSC EFI	2.5L CFI	3.0L EFI	3.8L AXOD EFI	3.8L RWD EFI	5.0L SEFI	5.0L MA SEFI
Engine runs rough or misses Engine stalls Lack of power Rough idle Erratic rpm Surges Stalls in Self-Test	S1	S2	S1	S1	S1	S2	S1	S1	S1	S1	S1 and verify MAF Sensor is properly connected
Stall during parking maneuvers	—	FF3	FF3	—	—	FF3	FF3	FF3	—	—	—
Surges with A/C on at idle	—	—	KM20	—	KM20	—	—	—	—	—	—
A/C does not cut off under WOT conditions	KM10	KM10	KM10	X52	KM10	X52	X52	X52	KM10	KM10	KM10
A/C not functioning	—	KM1	KM1	X50	KM1	X50	X50	X50	KM1	KM1	KM1
A/C compressor runs continuously	—	—	KM25	—	—	—	—	—	—	—	—
High idle speeds on each restart may be accompanied by spark knock for up to 3- 5 minutes after a start	KA1	—	—	DG1	—	—	—	—	—	—	—
Low idle with A/C On	FA1	FA10	FA10	FA10	FA10	FA10	FA10	FA10	FA10	FA10	FA10
High idle in Drive, automatic trans. only	—	—	—	—	—	FA20	—	—	FA20	—	—
Shift indicator light always On or Off	KL1	KL1	—	—	KL1	KL1	—	—	—	—	KL1
"CHECK ENGINE" light always on	ML1	ML1	ML1	ML1	ML1	ML1	ML1	ML1	ML1	ML1	ML1
"CHECK ENGINE" light never on	ML5	ML5	ML5	ML5	ML5	ML5	ML5	ML5	ML5	ML5	ML5
"CHECK ENGINE"/"CHECK DCL" Message On	—	—	—	—	—	—	—	ML15	—	—	—
"CHECK ENGINE" Message On	—	—	—	—	—	—	—	ML10	—	—	—

EEC-IV Diagnostic By Symptom

Car

Symptom	Pinpoint Test Step Direction										
	1.9L EFI	1.9L CFI	2.3L OHC EFI	2.3L TC EFI	2.3L HSC EFI	2.5L CFI	3.0L EFI	3.8L AXOD EFI	3.8L RWD EFI	5.0L SEFI	5.0L MA SEFI
Stumble after hot restart	H20	H20	H20	H20	H20	H20	H20	H20	H20	H20	H20
Engine will not restart	—	QF1	—	—	—	—	—	—	—	—	—
Fuel pump runs with engine off	—	—	J22	X14	—	X14	X14	—	—	J22	—
Gasoline fumes under hood	KD1	KD1	—	—	KD1	KD1	KD1	KD1	KD1	KD1	KD1
Spark knock	KA1 or VOL. H SEC. 6	—	DG1 or VOL. H SEC. 6	DG2 or VOL. H SEC. 6	—	—	DG1 or VOL. H SEC. 6	—	—	—	—
Poor performance, lack of turbo boost	—	—	—	KN1	—	—	—	—	—	—	—
Low boost pressure	—	—	—	KN10	—	—	—	—	—	—	—
Primary fan or secondary fan always on	—	—	—	X35	—	—	—	—	—	—	—
Primary or secondary fan does not operate	—	—	—	X70	—	—	—	—	—	—	—
No engine cooling fan	—	—	—	—	—	X40 MTX ONLY	—	—	—	—	—
Low speed cooling fan does not operate High speed cooling fan does not operate Low or high speed cooling fan does not operate	—	—	—	—	—	X20 CLC ONLY	X20	X20	—	—	—
Low or high speed cooling fan always on	—	—	—	—	—	X35	X35	X35	—	—	—
Engine Lugging Poor Performance Trailer Hitching	—	—	—	—	—	—	—	T75	—	—	—

**1.9L
EFI**



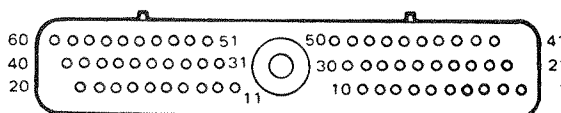
NOTE: WIRING SCHEMATIC SHOWS PIN OUT LOOKING INTO HARNESS CONNECTORS

EEC-IV Module Connector Pin Usage

1.9L EFI

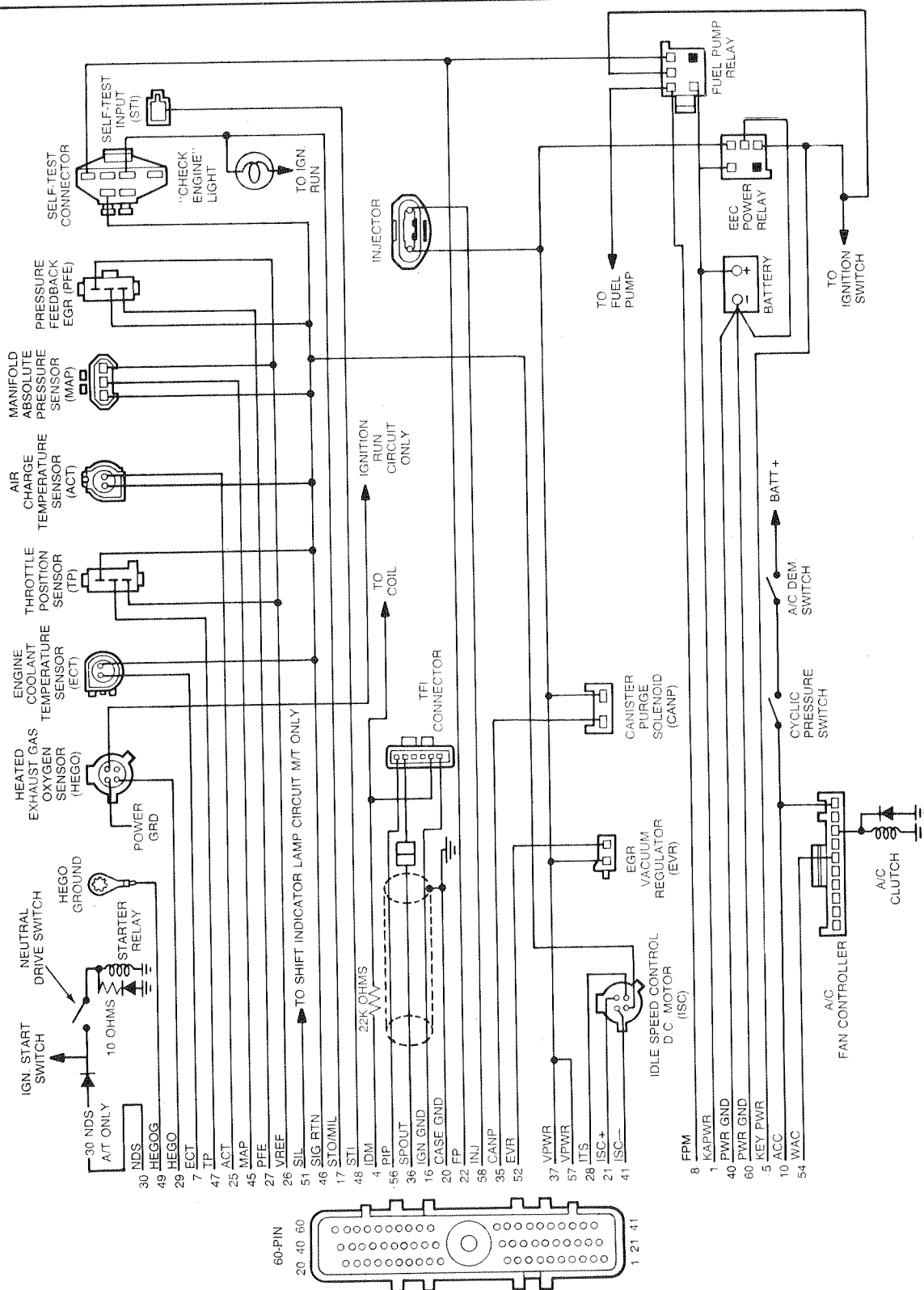
Pin	Circuit	Wire Color	Application	Abbreviations
1	37A	Y	Keep Alive Power	KAPWR
4	11B	DG/Y	Ignition Diagnostic Monitor	IDM
7	354	LG/Y	Engine Coolant Temperature	ECT
8	787A	PK/BK	Fuel Pump Monitor	FPM
10	347	BK/Y	A/C Clutch	ACC
16	259	BK/O	Ignition Ground	IGN GND
17	224A	T/LB	Self-Test Output and Shift Indicator Light	STO and SIL
20	57	BK	Case Ground	CSE GND
21	68	O/BK	Idle Speed Control (Bypass Air)	ISC-BPA
22	97	T/LG	Fuel Pump	FP
25	357	LG/P	Vane Air Temperature	VAT
26	351	O/W	Reference Voltage	VREF
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO
30	614	GY/O	Neutral Drive Gear Switch and Clutch Engage Switch	NDS and CES
32	101	GY/Y	Canister Purge Solenoid	CANP
35	362	Y	Exhaust Gas Recirculation Shut Off	EGR S/O
36	324A	Y/LG	Spark Output	SPOUT
37	361	R	Vehicle Power	VPWR
40	60A	BK/LG	Power Ground	PWR GND
43	200	W/BK	Vane Air Flow	VAF
45	358	LG/BK	Barometric Pressure	BP
46	359	BK/W	Signal Return	SIG RTN
47	355	DG/LG	Throttle Position Sensor	TP
48	100	W/R	Self-Test Input	STI
49	89	O	Heated Exhaust Gas Oxygen Ground	HEGOG
53	201	T/R	"Check Engine" Light	MIL
54	73	O/LB	Wide Open Throttle A/C Cut-Off	WAC
56	349	DB	Profile Ignition Pickup	PIP
57	361A	R	Vehicle Power	VPWR
58	95	T/R	Injector (Bank 1)	INJ 1
59	96	T/O	Injector (Bank 2)	INJ 2
60	60B	BK/LG	Power 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.



Electrical Schematic

1.9L CFI



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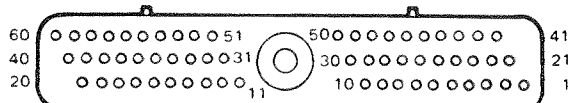
NOTE: WIRING SCHEMATIC SHOWS PIN OUT LOOKING INTO HARNESS CONNECTORS

EEC-IV Module Connector Pin Usage

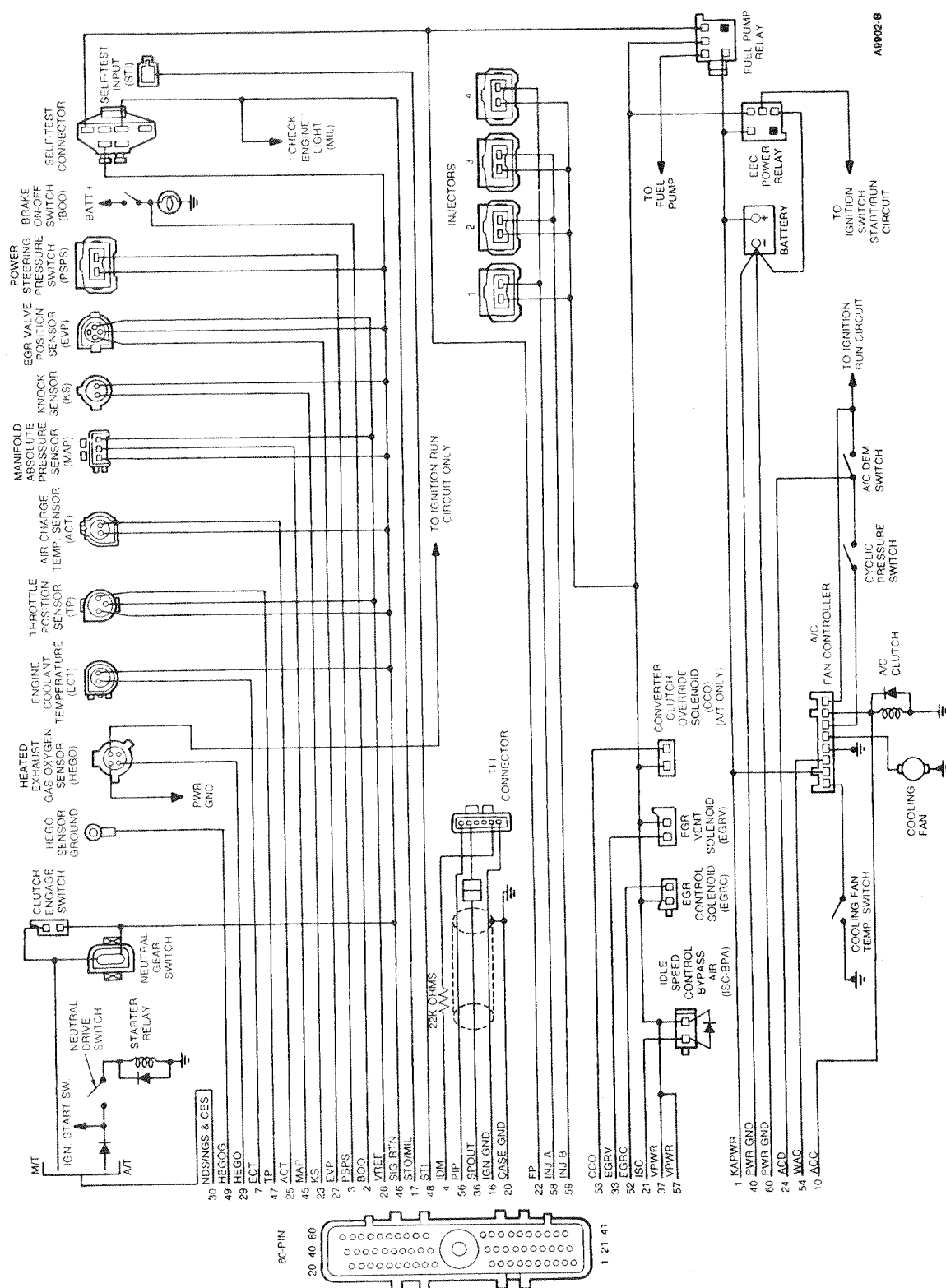
1.9L CFI

Pin	Circuit	Wire Color	Application	Abbreviations
1	37	Y	Keep Alive Power	KAPWR
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
5	16	R/LG	Key Power	KPWR
7	354	LG/Y	Engine Coolant Temperature Sensor	ECT
8	787	PK/BK	Fuel Pump Monitor	FPM
10	347	BK/Y	A/C Clutch Compressor Signal	ACCS
16	259	BK/O	Ignition Ground	IGN GND
17	201	T/R	Self-Test Output/"Check Engine" Light	STO/MIL
20	57	BK	Case Ground	CSE GND
21	376	BR/W	Idle Speed Control	ISC +
22	97	T/LG	Fuel Pump Relay	FP
25	357	LG/P	Air Charge Temperature Sensor	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	Pressure Feedback EGR	PFE
28	265	LG/W	Idle Tracking Switch	ITS
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO
30	614	GY/O	Neutral Drive Switch (A/T Only)	NDS
35	101	GY/Y	Canister Purge Solenoid	CANP
36	324	Y/LG	Spark Output	SPOUT
37	361	R	Vehicle Power	VPWR
40	60	BK/LG	Power Ground	PWR GND
41	264	W/LB	Idle Speed Control	ISC -
45	358	LG/BK	Manifold Absolute Pressure Sensor	MAP
46	359	BK/W	Signal Return (Ground)	SIG RTN
47	355	DG/LG	Throttle Position Sensor	TP
48	100	W/R	Self-Test Input	STI
49	89	O	Heated Exhaust Gas Oxygen Ground	HEGOG
51	224	T/LB	Shift Indicator Light (M/T Only)	SIL
52	362	Y	EGR Valve Regulator Solenoid	EVR
54	73	O/LB	WOT A/C Cutoff	WAC
56	349	DB	Profile Ignition Pick-Up	PIP
57	361	R	Vehicle Power	VPWR
58	95	T/R	Fuel Injector	INJ
60	60	BK/LG	Power 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.



**2.3L
OHC
EFI**



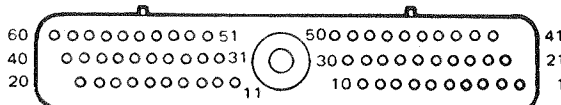
EEC-IV Module Connector Pin Usage

2.3L OHC EFI

MUSTANG

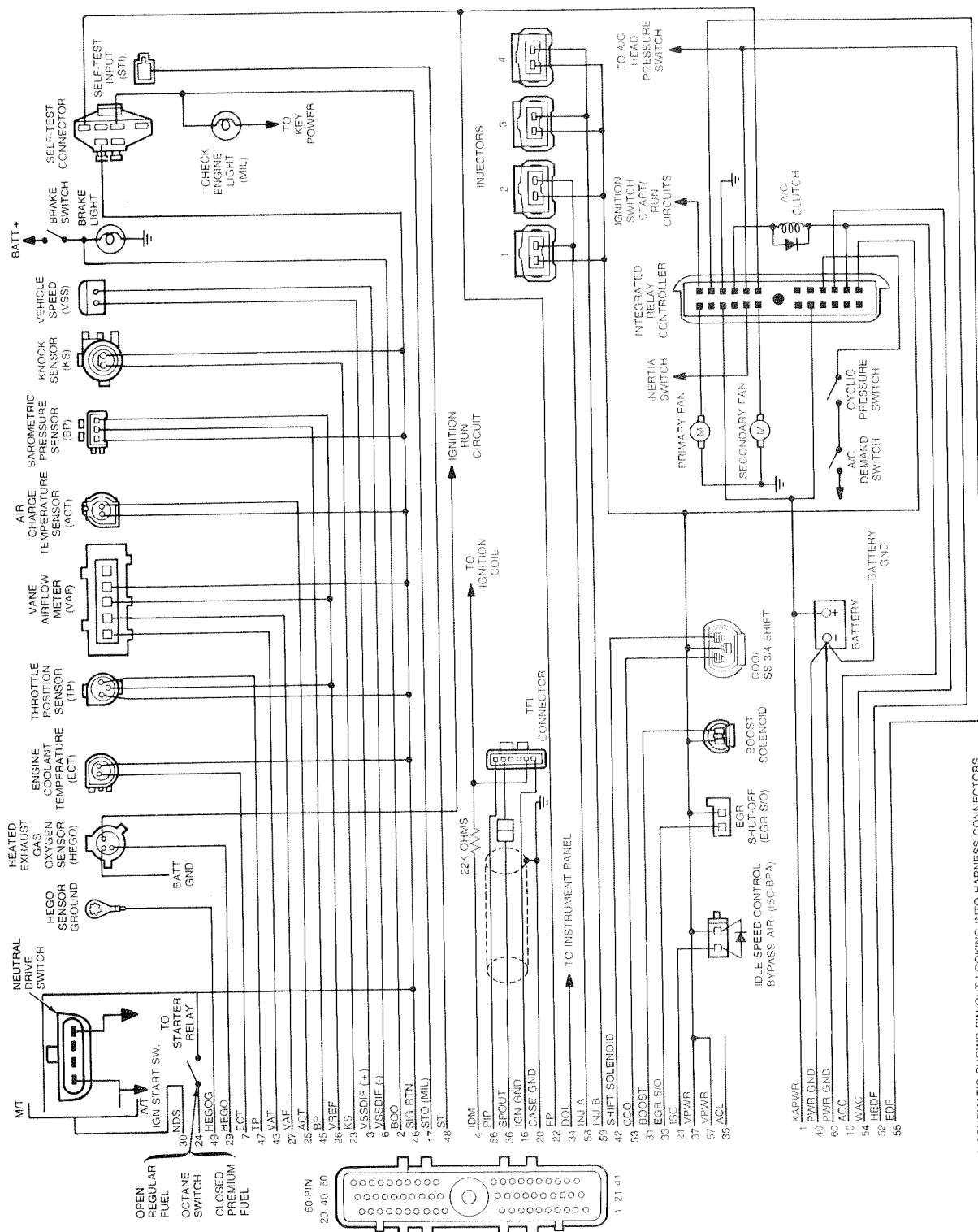
Pin	Circuit	Wire Color	Application	Abbreviations
1	38	BK/O	Keep Alive Power	KAPWR
2	810	R/LG	Brake On/Off	BOO
3	330	Y/LG	Power Steering Pressure Switch	PSPS
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
7	354	LG/Y	Engine Coolant Temperature	ECT
10	347	BK/Y	A/C Clutch	ACC
16	259	BK/O	Ignition Ground	IGN GND
17	657	T	Self-Test Output/"CHECK ENGINE" Light	STO MIL
20	57	BK	Case Ground	CSE GND
21	264	W/LB	Idle Speed Control	ISC
22	97	T/LG	Fuel Pump	FP
23	310	Y/R	Knock Sensor	KS
24	348	LG/P	A/C Demand	ACD
25	357	LG/P	Air Charge Temperature	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	EGR Valve Position	EVP
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO
30	771	P/Y	Neutral Drive Switch (A/T Only)	NDS
30	771	P/Y	Neutral Gear Switch and Clutch Engage Switch (M/T)	NGS & CES
33	360	DG	Exhaust Gas Recirculation Vent	EGRV
36	324	Y/LG	Spark Output	SPOUT
37	361	R	Vehicle Power	VPWR
40	60	BK/LG	Power Ground	PWR GND
45	358	LG/BK	Manifold Absolute Pressure Sensor	MAP
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 Sensor Ground	HEGOG
52	362	Y	Exhaust Gas Recirculation Control	EGRC
53	237	O/Y	Clutch Converter Override (A/T Only)	CCO
54	73	O/LB	W.O.T. A/C Cut Off	WAC
56	349	DB	Profile Ignition Pick-Up	PIP
57	361	R	Vehicle Power	VPWR
58	96	T/O	Injector 1 (Bank 1)	INJ 1
59	95	T/R	Injector 2 (Bank 2)	INJ 2
60	60	BK/LG	Power Ground	PWR GRD

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.



Electrical Schematic

2.3L EFI TURBO



NOTE: WIRING SCHEMATIC SHOWS PIN OUT LOOKING INTO HARNESS CONNECTORS

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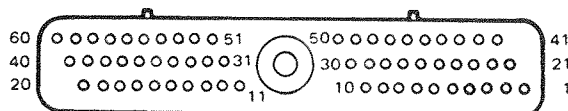
EEC-IV Module Connector Pin Usage

2.3L EFI TURBO

THUNDERBIRD

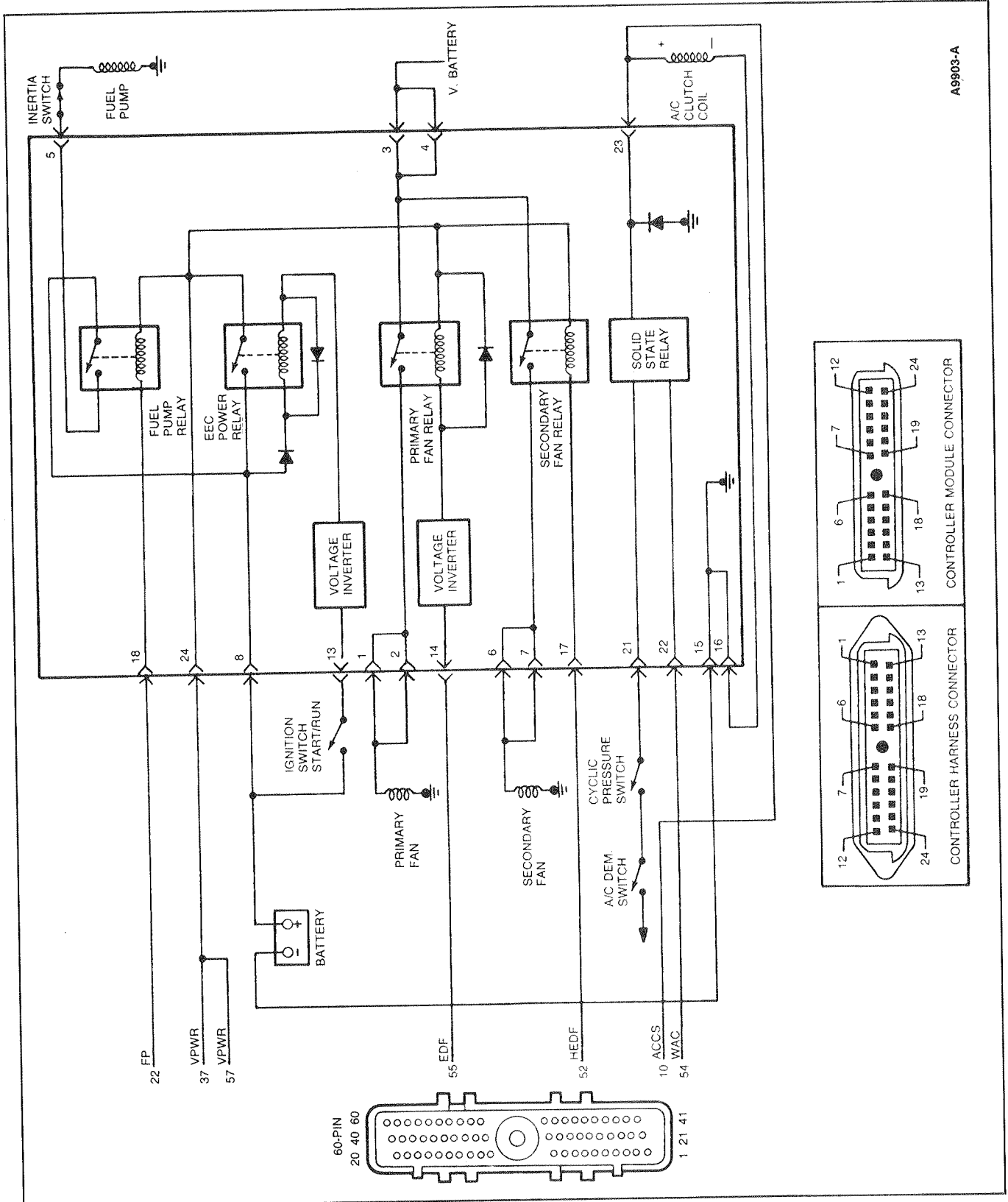
Pin	Circuit	Wire Color	Application	Abbreviations
1	37	Y	Keep Alive Power	KAPWR
2	511	LG	Brake On/Off	BOO
3	150	DG/W	Vehicle Speed Sensor +	VSS DIF +
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
6	563	O/Y	Vehicle Speed Sensor -	VSS DIF -
7	354	LG/Y	Engine Coolant Temperature	ECT
10	347	BK/Y	A/C Clutch	ACC
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



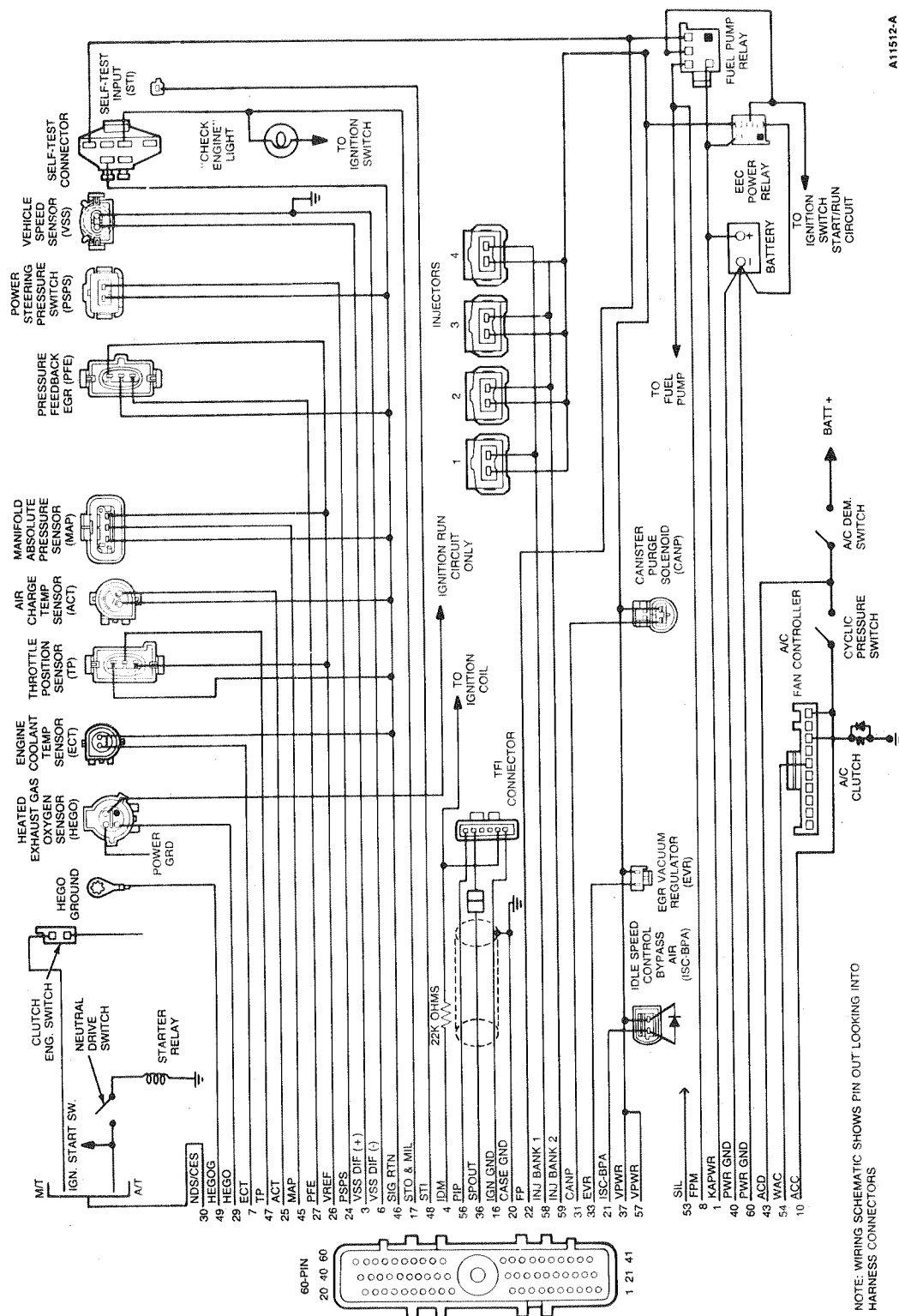
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Integrated Controller Pin Usage

**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

2.3L HSC-EFI



NOTE: WIRING SCHEMATIC SHOWS PIN OUT LOOKING INTO HARNESS CONNECTORS

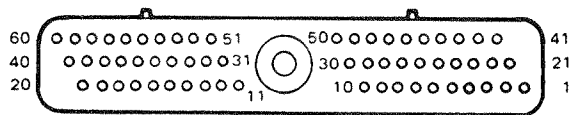
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EEC-IV Module Connector Pin Usage

2.3L HSC-EFI

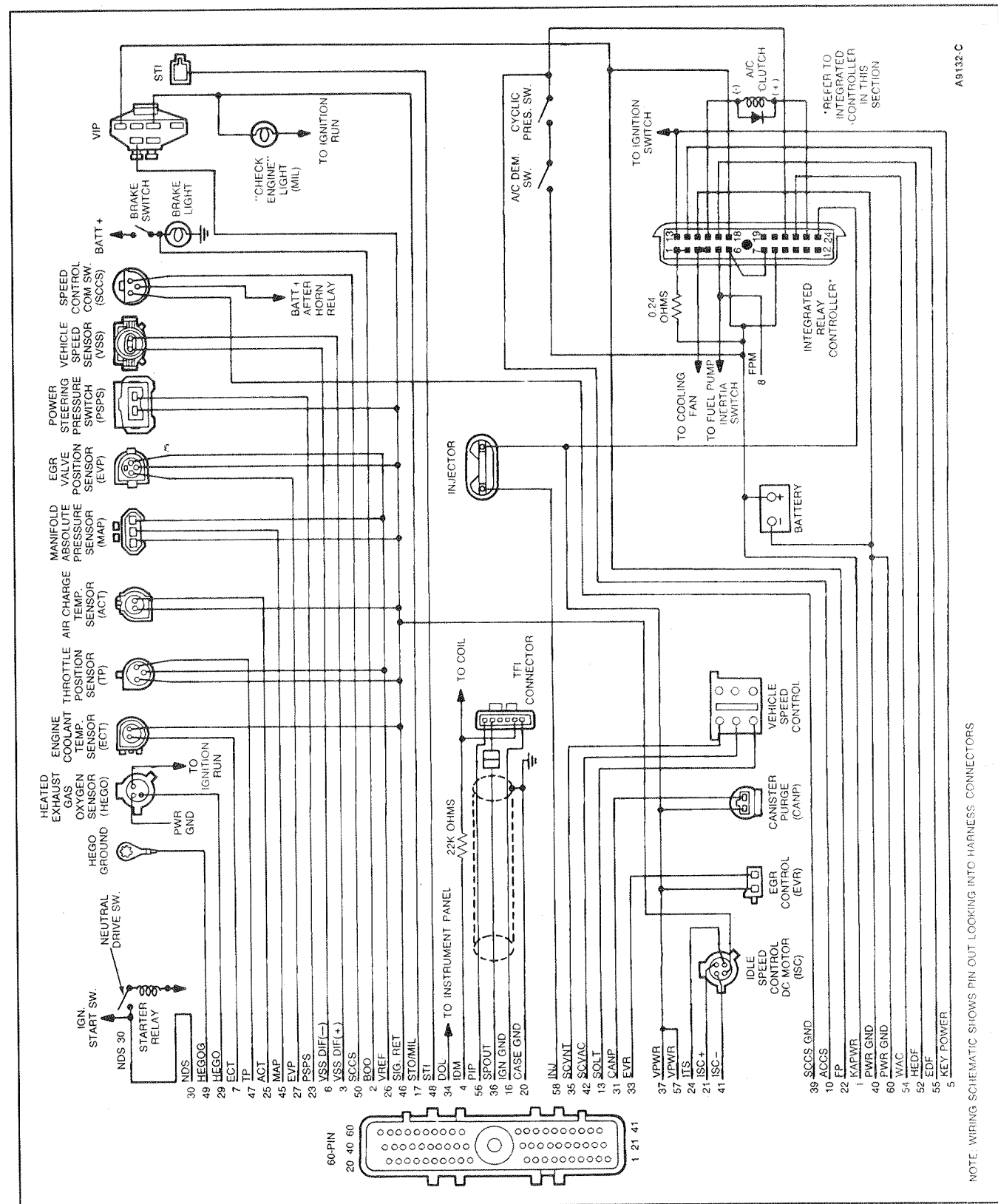
Pin	Circuit	Wire Color	Application	Abbreviations
1	37A	Y	Keep Alive Power	KAPWR
3	150	DG/W	Vehicle Speed Sensor +	VSSDIF +
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
6	563	O/Y	Vehicle Speed Sensor	VSSDIF -
7	354	LG/Y	Engine Coolant Temperature Sensor	ECT
8	787A	PK/BK	Fuel Pump Monitor	FPM
10	198A	T/Y	A/C Clutch Compressor Signal	ACC
16	259	BK/O	Ignition Ground	IGN GND
17	201A	T/R	Self-Test Output and "Check Engine" Light	STO and MIL
20	57	BK	Case Ground	CASE GND
21	376	BR/W	Idle Speed Control (Bypass Air)	ISC(BPA)
22	238	O/LB	Fuel Pump Relay	FP
24	330	Y/LG	Power Steering Pressure Switch	PSPS
25	357	LG/P	Air Charge Temperature Sensor	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	Pressure Feedback EGR	PFE
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO
30	614	GY/O	Neutral Drive Switch (A/T)	NDS
30	614	GY/O	Clutch Engage Switch	CES
31	101	GY/Y	Canister Purge Solenoid	CANP
33	362	Y	EGR Vacuum Regulator Solenoid	EVR
36	324A	Y/LG	Spark Output	SPOUT
37	361C	R	Vehicle Power	VPWR
40	60A	BK/LG	Power Ground	PWR GND
43	348B	LG/P	A/C Demand	ACD
45	358	LG/BK	Manifold Absolute Pressure Sensor	MAP
46	359	BK/W	Signal Return (Ground)	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
53	224	T/LB	Shift Indicator Light	SIL
54	73	O/LB	WOT A/C Cutoff	WAC
56	349	DB	Profile Ignition Pick-Up	PIP
57	361	R	Vehicle Power	VPWR
58	95	T/R	Injector (Bank 1)	INJ 1
59	96	T/O	Injector (Bank 2)	INJ 2
60	60B	BK/LG	Power 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.



Electrical Schematic

2.5L CFI CLC

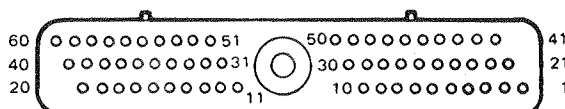


EEC-IV Module Connector Pin Usage

2.5L CFI CLC

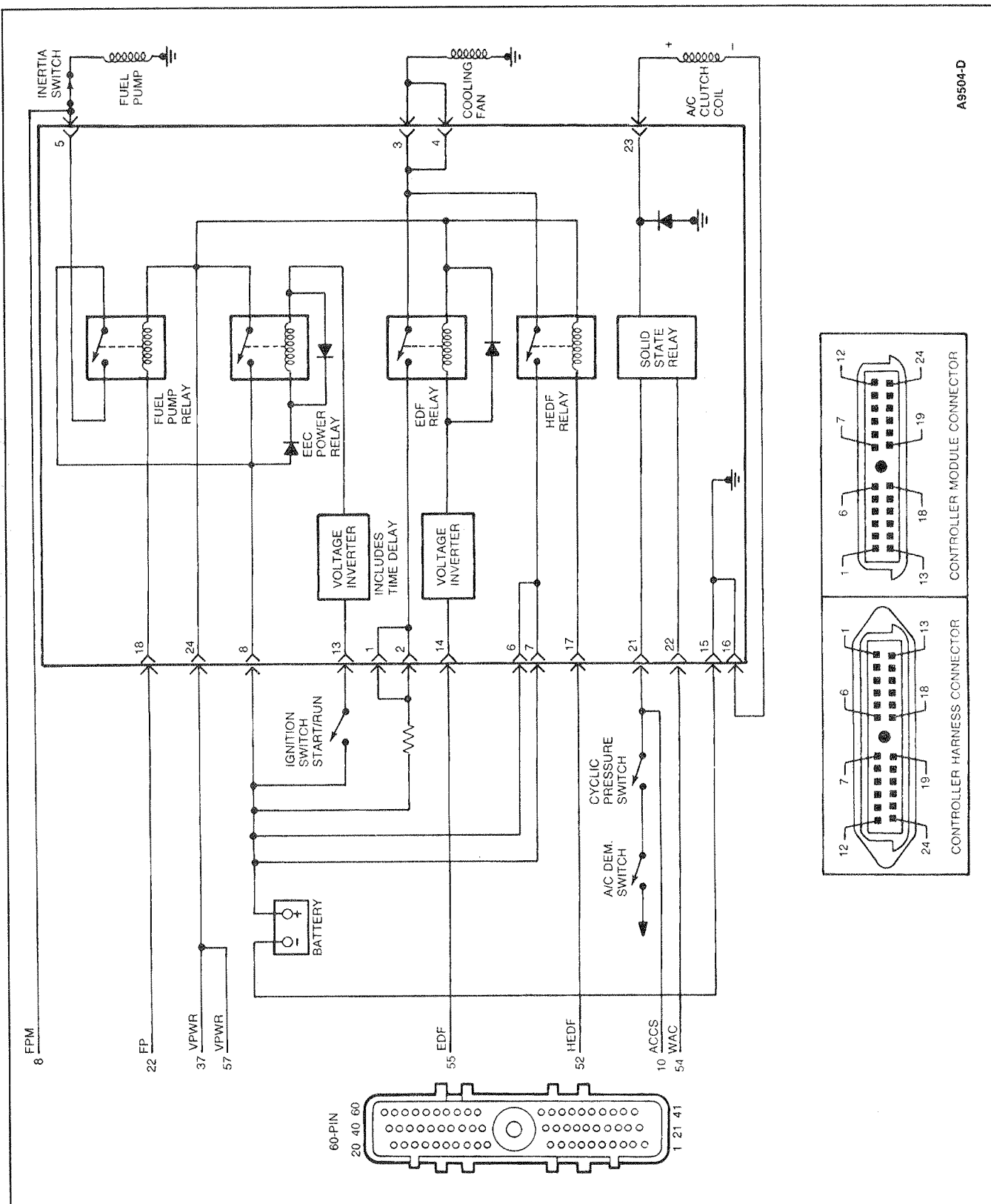
Pin	Circuit	Wire Color	Application	Abbreviations
1	37	Y	Keep Alive Power	KAPWR
2	810	R/LG	Brake On/Off	BOO
3	150	DG/W	Vehicle Speed Sensor +	VSS DIF +
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
5	16	R/LG	Key Power	KPWR
6	563	O/Y	Vehicle Speed Sensor -	VSS DIF -
7	354	LG/Y	Engine Coolant Temperature	ECT
8	787	PK/BK	Fuel Pump Monitor	FPM
10	883	PK/LB	A/C Cycling Switch	ACCS
13	144	O/Y	Vehicle Speed Control Solenoid	SOL +
16	259	BK/O	Ignition Ground	IGN GND
17	201	T/R	Self-Test Out/"Check Engine" Light	STO/MIL
20	57	BK	Case Ground	CSE GND
21	382	Y/BK	Idle Speed Control (DC Motor)	ISC +
22	97	T/LG	Fuel Pump	FP
23	330	Y/LG	Power Steering Pressure Switch	PSPS
24	209	W/R	Idle Tracking Switch	ITS
25	357	LG/P	Air Charge Temperature	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	EGR Valve Position	EVP
29	94	DG/P	Heated Exhaust Gas Oxygen (Sensor)	HEGO
30	199	LB/Y	Neutral Drive Switch	NDS
31	101	GY/Y	Canister Purge Solenoid	CANP
33	360	DG	EGR Vacuum Regulator (Solenoid)	EVR
34	305	LB/PK	Data Output Link	DOL
35	146	W/PK	Speed Control Vent (Solenoid)	SCVNT
36	324	Y/LG	Spark Out	SPOUT
37	361	R	Vehicle Power	VPWR
39	461	O	Speed Control Command Switch Ground	SCCS GND
40	60	BK/LG	Power Ground	PWR GND
41	377	W	Idle Speed Control — (DC Motor)	ISC -
42	145	GY/BK	Speed Control Vacuum (Solenoid)	SCVAC
45	358	LG/BK	Manifold Absolute Pressure (Sensor)	MAP
46	359	BK/W	Signal Return (Ground)	SIG RTN
47	355	DG/LG	Throttle Position (Sensor)	TP
48	200	W/BK	Self-Test Input	STI
49	89	O	Heated Exhaust Gas Oxygen (Sensor) Ground	HEGO GND
50	151	LB/BK	Speed Control Command Switch	SCCS
52	639	PK	High Electro Drive Fan	HEDF
54	331	R	Wide Open Throttle (WOT) A/C Cutoff	WAC
55	197	T/O	Electro Drive Fan (Low)	EDF
56	349	DB	Profile Ignition Pick-up	PIP
57	361	R	Vehicle Power	VPWR
58	95	T/R	Injector	INJ
60	60	BK/LG	Power 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

2.5L CFI CLC



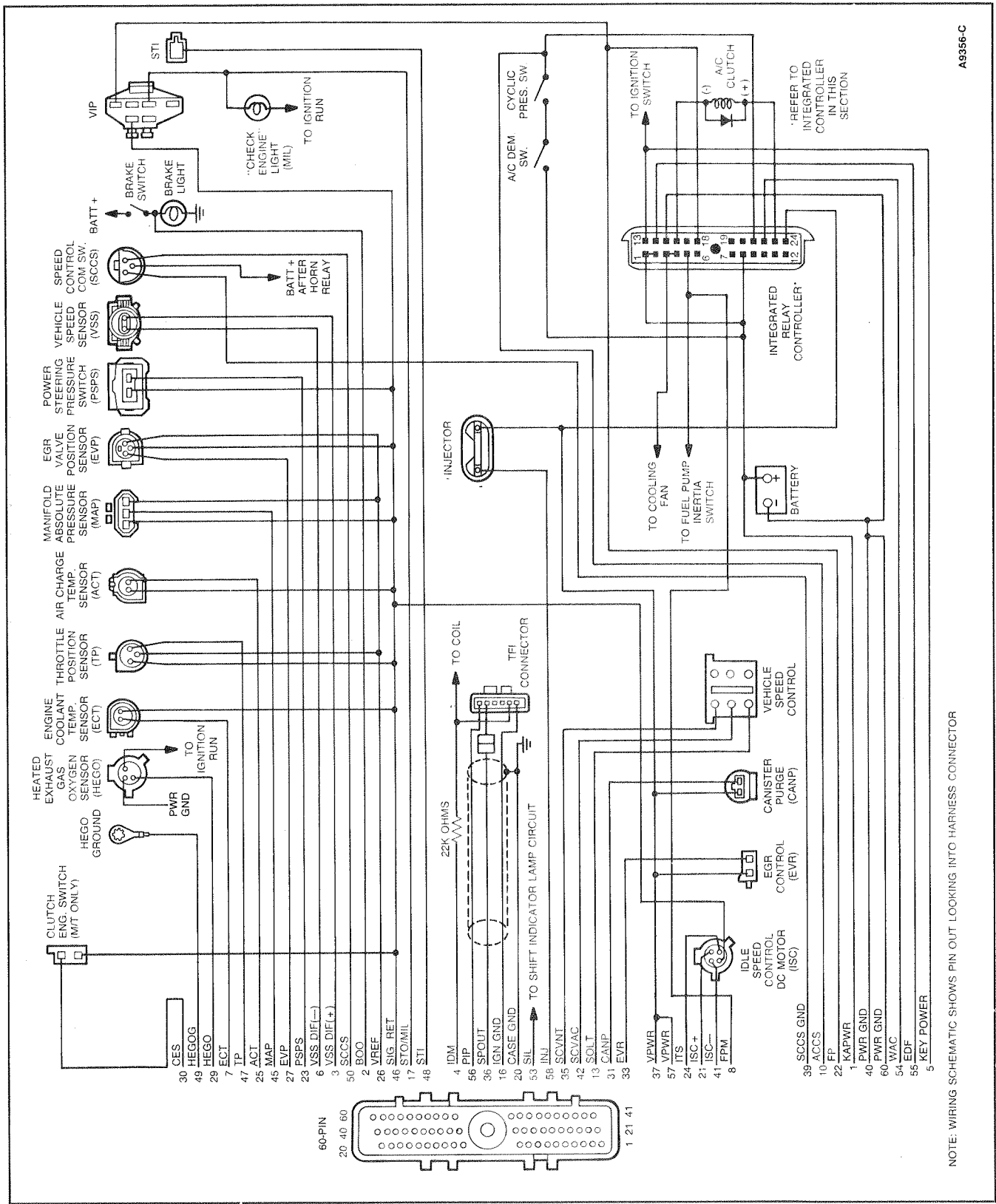
Integrated Controller Pin Usage

2.5L
CFI
CLC

Pin	Circuit	Color	Application	Abbreviations
1	181	BR/O	EDF Power Into Controller	Batt +
2	181	BR/O	EDF Power Into Controller	Batt +
3	228	BR/Y	H/EDF Power to Fan	PTF
4	228	BR/Y	H/EDF Power to Fan	PTF
5	787	PK/BK	Power to the Pump	PTP
6	38	BK/O	HEDF Power Into Controller	Batt +
7	38	BK/O	HEDF Power Into Controller	Batt +
8	37	Y	Battery Voltage (Power Relay)	Batt +
9	—	—	Not Used	—
10	—	—	Not Used	—
11	—	—	Not Used	—
12	—	—	Not Used	—
13	16	R/LG	Keypower	KPWR
14	197	T/O	EDF Ground	EDF
15	60	BK/LG	Vehicle Ground	PWR GND
16	57	BK	A/C Ground	A/C GND
17	639	PK	HEDF Ground	HEDF
18	97	T/LG	Fuel Pump Relay Ground	FP
19	—	—	Not Used	—
20	—	—	Not Used	—
21	883	PK/LB	A/C Power In	ACCS
22	331	R	WOT A/C Cutoff	WAC
23	347	BK/Y	A/C Power to Clutch Coil	PTAC
24	361	R	EEC IV Power Out	VPWR

Electrical Schematic

2.5L
CFI
MTX



A9356-C

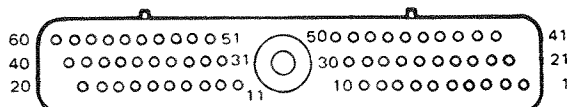
NOTE: WIRING SCHEMATIC SHOWS PIN OUT LOOKING INTO HARNESS CONNECTOR

EEC-IV Module Connector Pin Usage

**2.5L
CFI
MTX**

Pin	Circuit	Wire Color	Applications	Abbreviations
1	37	Y	Keep Alive Power	KAPWR
2	810	R/LG	Brake On/Off	BOO
3	150	DG/W	Vehicle Speed Sensor +	VSS DIF +
4	11	DG/Y	Ignition Diagnostic Motor	IDM
5	16	R/LG	Key Power	KPWR
6	563	O/Y	Vehicle Speed Sensor -	VSS DIF -
7	354	LG/Y	Engine Coolant Temperature	ECT
8	787	PK/BK	Fuel Pump Monitor	FPM
10	883	PK/LB	A/C Cycling Switch	ACCS
13	144	O/Y	Vehicle Speed Control Solenoid	SOL +
16	259	BK/O	Ignition Ground	IGN GND
17	201	TR	Self-Test Out/"Check Engine" Light	STO/MIL
20	57	BK	Case Ground	CSE GND
21	382	Y/BK	Idle Speed Control (DC Motor)	ISC +
22	97	T/LG	Fuel Pump	FP
23	330	Y/LG	Power Steering Pressure Switch	PSPS
24	209	W/R	Idle Tracking Switch	ITS
25	357	LG/P	Air Charge Temperature	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	EGR Valve Position	EVP
29	94	DG/P	Heated Exhaust Gas Oxygen (Sensor)	HEGO
30	480	P/Y	Clutch Engage Switch	CES
31	101	GY/Y	Canister Purge Solenoid	CANP
33	360	DG	EGR Vacuum Regulator (Solenoid)	EVR
35	146	W/PK	Speed Control Vent (Solenoid)	SCVNT
36	324	Y/LG	Spark Out	SPOUT
37	361	R	Vehicle Power	VPWR
39	461	O	Speed Control Command Switch Ground	SCCS GND
40	60	BK/LG	Power Ground	PWR GND
41	377	W	Idle Speed Control — (DC Motor)	ISC -
42	145	GY/BK	Speed Control Vacuum (Solenoid)	SCVAC
45	358	LG/BK	Manifold Absolute Pressure (Sensor)	MAP
46	359	BK/W	Signal Return (Ground)	SIG RTN
47	355	DG/LG	Throttle Position (Sensor)	TP
48	200	W/BK	Self-Test Input	STI
49	89	O	Heated Exhaust Gas Oxygen (Sensor) Ground	HEGO GND
50	151	LB/BK	Speed Control Command Switch	SCCS
53	462	P	Shift Indicator Light	SIL
54	331	R	Wide Open Throttle (WOT) A/C cutoff	WAC
55	197	T/O	Electro Drive Fan	EDF
56	349	DB	Profile Ignition Pick-Up	PIP
57	361	R	Vehicle Power	VPWR
58	95	T/R	Injector	INJ
60	60	BK/LG	Power Ground	PWR GND

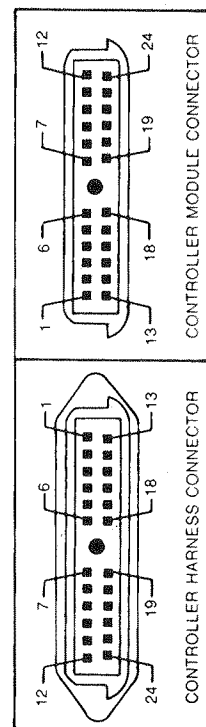
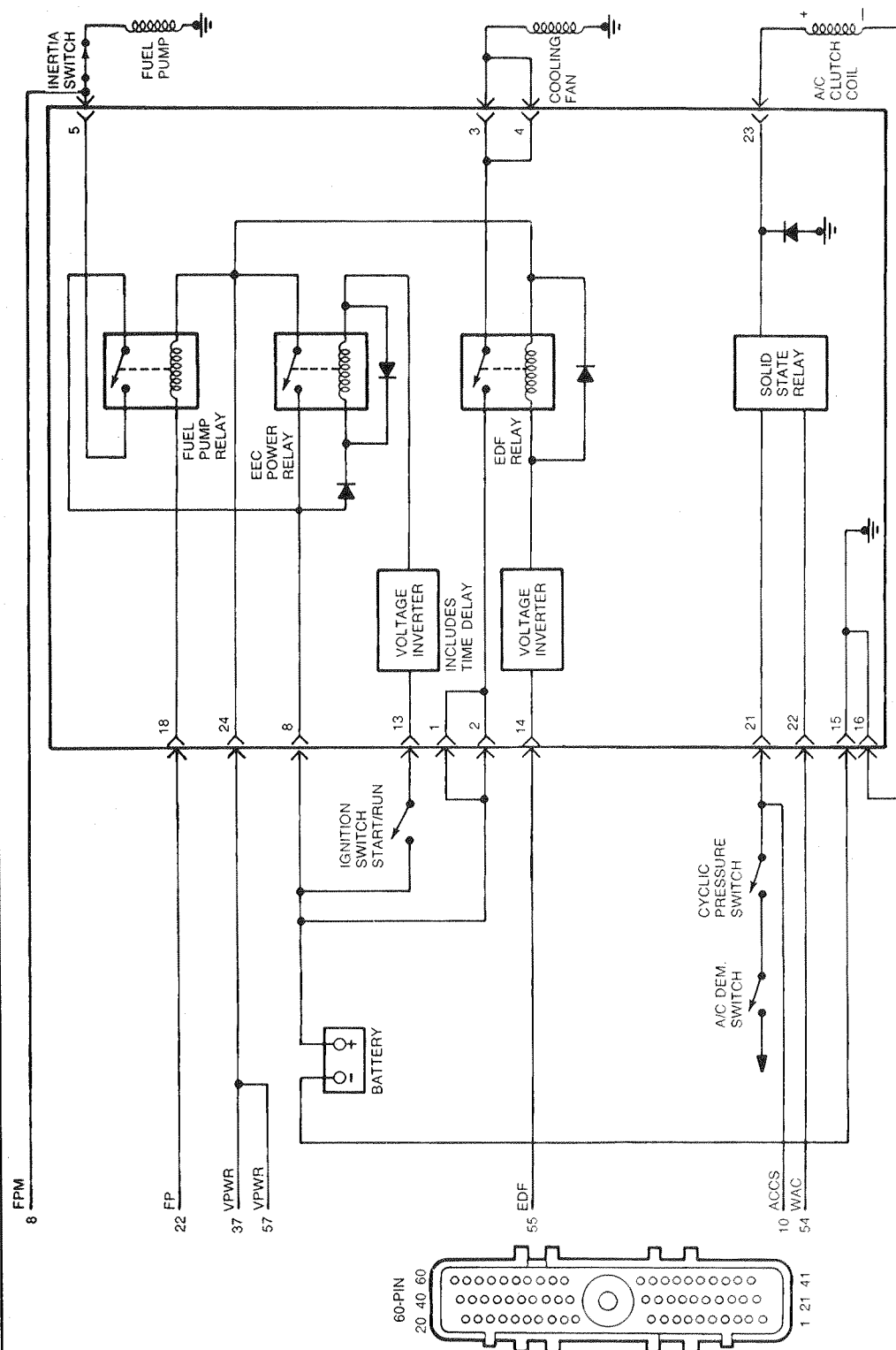
Pin locations given for reference only. Probing 60 pin connector with DVOM probe will result in permanent damage to the pin connectors. Always probe as directed, using the Breakout Box.



Integrated Controller Schematic

2.5L CFI MTX

A9355-D



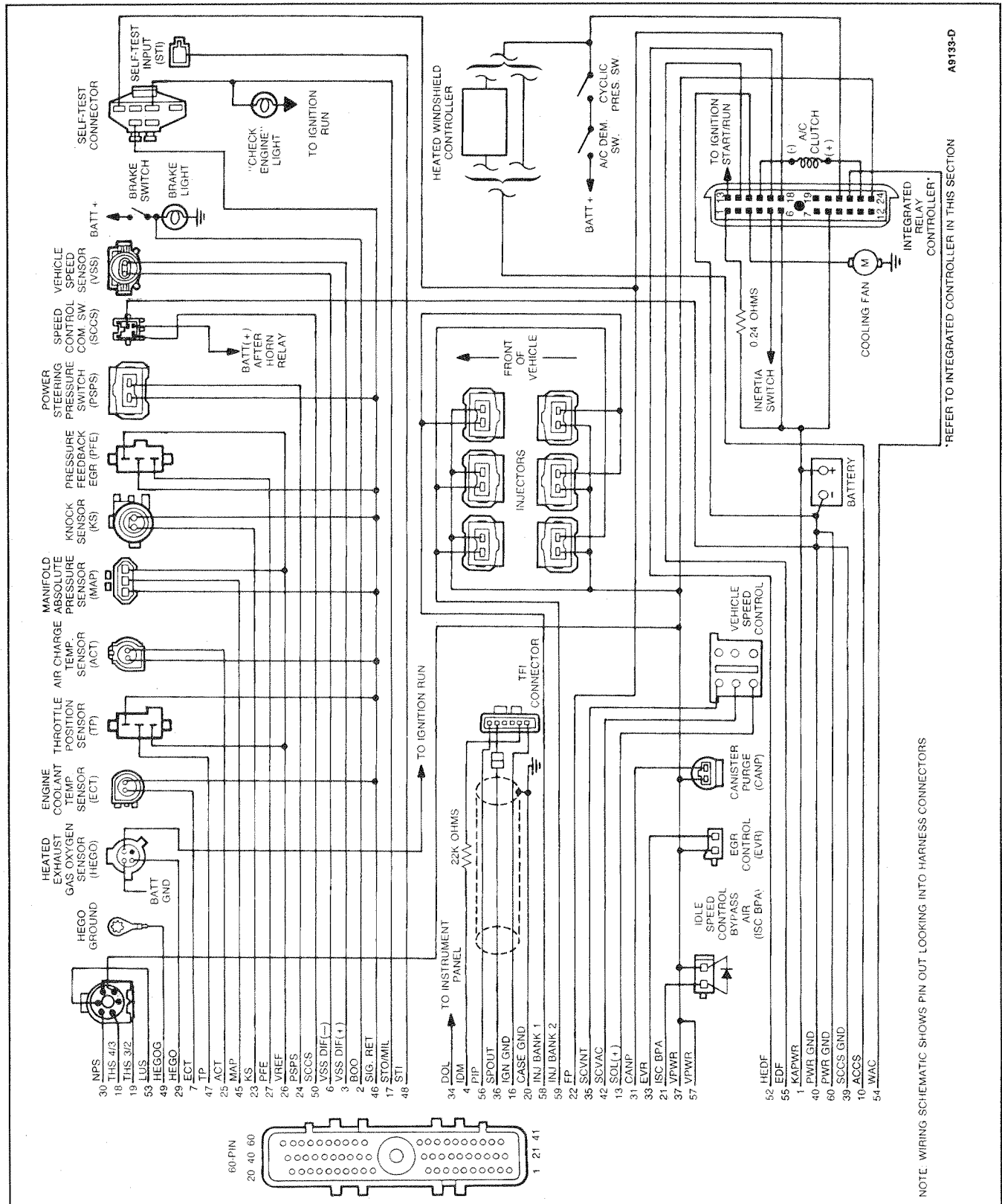
Integrated Controller Pin Usage

**2.5L
CFI
MTX**

Pin	Circuit	Color	Application	Abbreviations
1	181	BR/O	EDF Power Into Controller	Batt +
2	181	BR/O	EDF Power Into Controller	Batt +
3	228	BR/Y	H/EDF Power to Fan	PTF
4	228	BR/Y	H/EDF Power to Fan	PTF
5	787	PK/BK	Power to the Pump	PTP
6	—	—	Not Used	—
7	—	—	Not Used	—
8	37	Y	Battery Voltage (Power Relay)	Batt +
9	—	—	Not Used	—
10	—	—	Not Used	—
11	—	—	Not Used	—
12	—	—	Not Used	—
13	16	R/LG	Keypower	KPWR
14	197	T/O	EDF Ground	EDF
15	60	BK/LG	Vehicle Ground	PWR GND
16	57	BK	A/C Ground	A/C GND
17	—	—	Not Used	—
18	97	T/LG	Fuel Pump Relay Ground	FP
19	—	—	Not Used	—
20	—	—	Not Used	—
21	883	PK/LB	A/C Power In	ACCS
22	331	R	WOT A/C Cutoff	WAC
23	347	BK/Y	A/C Power to Clutch Coil	PTAC
24	361	R	EEC IV Power Out	VPWR

Electrical Schematic

3.0L EFI



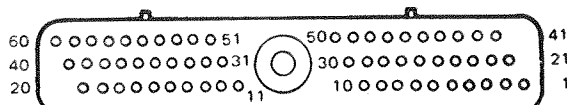
A9139-D

EEC-IV Module Connector Pin Usage

3.0L EFI

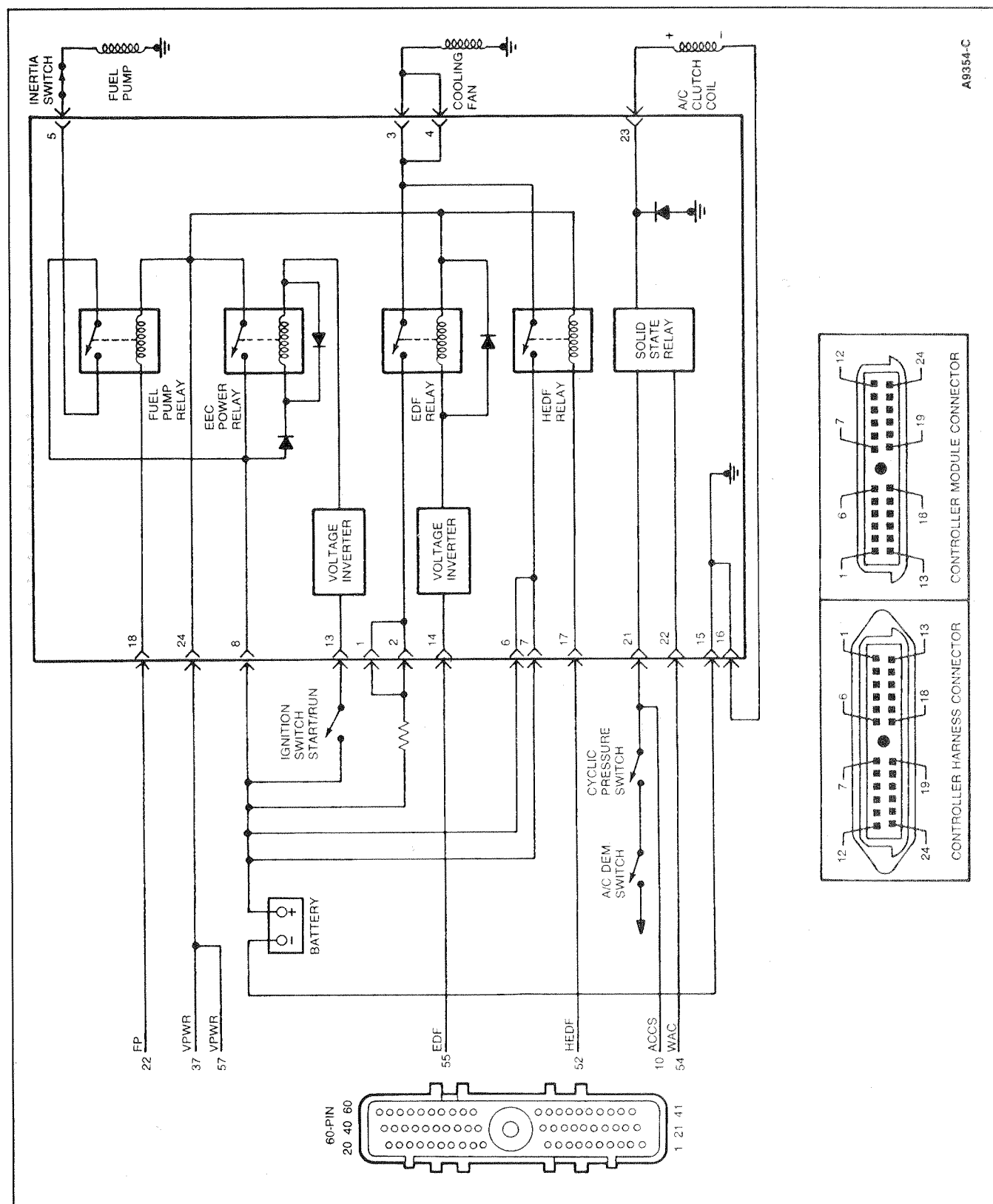
Pin	Circuit	Wire Color	Application	Abbreviations
1	37	Y	Keep Alive Power	KAPWR
2	810	R/LG	Brake On/Off	BOO
3	150	DG/W	Vehicle Speed Sensor +	VSS DIF +
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
6	563	O/Y	Vehicle Speed Sensor -	VSS DIF -
7	354	LG/Y	Engine Coolant Temperature	ECT
10	883	PK/LB	A/C Cycling Switch	ACCS
13	144	O/Y	Vehicle Speed Control Solenoid	SOL +
16	350	GY	Ignition Ground	IGN GND
17	201	T/R	Self-Test Output/"Check Engine" Light	STO/MIL
18	315	DG/P	Transmission 4/3 Switch	THS 4/3
19	237	O/Y	Transmission 3/2 Switch	THS 3/2
20	57	BK	Case Ground	CSE GND
21	68	O/BK	Idle Speed Control (Bypass Air)	ISC-BPA
22	97	T/LG	Fuel Pump	FP
23	310	Y/R	Knock Sensor	KS
24	330	Y/LG	Power Steering Pressure Switch	PSPS
25	357	LG/P	Air Charge Temperature	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	Pressure Feedback EGR	PFE
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO
30	480	P/Y	Neutral Pressure Switch	NPS
31	101	GY/Y	Canister Purge Solenoid	CANP
33	360	DG	EGR Vacuum Regulator Solenoid	EVR
34	305	LB/PK	Data Output Link	DOL
35	146	W/PK	Speed Control Vent Solenoid	SCVNT
36	324	Y/LG	Spark Output	SPOUT
37	361	R	Vehicle Power	VPWR
39	461	O	Speed Control Command Switch Ground	SCCS GND
40	60	BK/LG	Power Ground	PWR GND
42	145	GY/BK	Speed Control Vacuum Solenoid	SCVAC
45	358	LG/BK	Manifold Absolute Pressure Sensor	MAP
46	359	BK/W	Signal Return Ground	SIG RTN
47	355	DG/LG	Throttle Position Sensor	TP
48	200	W/BK	Self Test Input	STI
49	89	O	Heated Exhaust Gas Oxygen Sensor Ground	HEGO GND
50	151	LB/BK	Speed Control Command Switch	SCCS
52	639	PK	High Electro Drive Fan	HEDF
53	224	T/LB	Lock-Up Solenoid (Transmission)	LUS
54	331	R	Wide Open Throttle (WOT) A/C Cutoff	WAC
55	197	T/O	Electro Drive Fan (Low)	EDF
56	349	DB	Profile Ignition Pick-Up	PIP
57	361	R	Vehicle Power	VPWR
58	95	T/R	Injector Bank 1	INJ 1
59	96	T/O	Injector Bank 2	INJ 2
60	60	BK/LG	Power 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

3.0L EFI



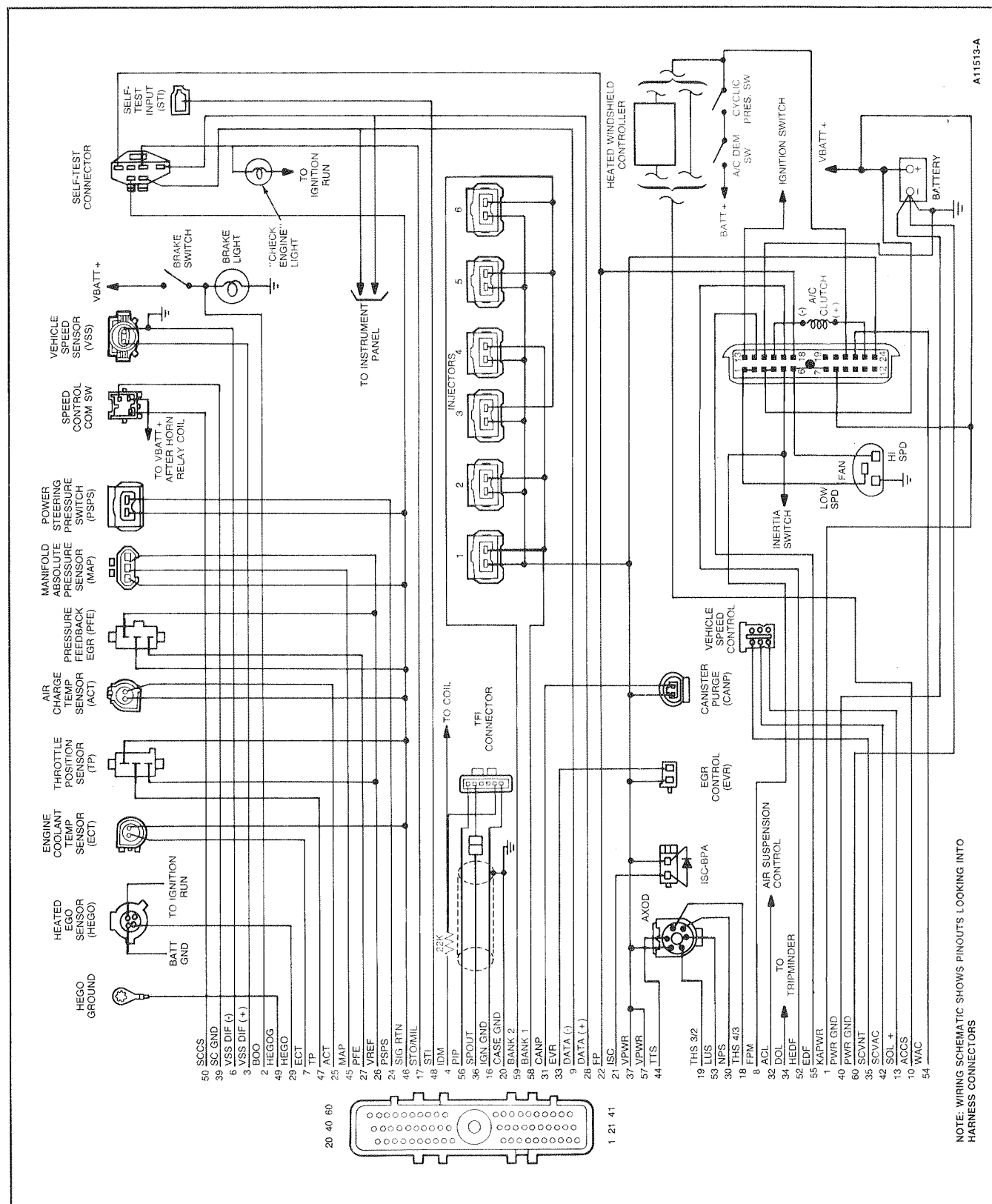
Integrated Controller Pin Usage

3.0L EFI

Pin	Circuit	Color	Applications	Abbreviations
1	181	BR/O	Power to EDF Relay	PT/EDF
2	181	BR/O	Power to EDF Relay	PT/EDF
3	228	BR/Y	Power to Cooling Fan	PTF
4	228	BR/Y	Power to Cooling Fan	PTF
5	787	PK/BK	Power to Fuel Pump	PTP
6	38	BK/O	Power to HEDF Relay	PT/HEDF
7	38	BK/O	Power to HEDF Relay	PT/HEDF
8	37	Y	Battery to EEC Relay	BATT +
13	16	R/LG	Key Power	KEY PWR
14	197	T/O	EDF Circuit	EDF
15	60	BK/LG	Power Ground	PWR GRD
16	57	BK	A/C Clutch Ground	PWR GRD
17	639	PK	HEDF Circuit	HEDF
18	97	T/LG	Fuel Pump	FP
21	883	PK/LB	A/C Cyclic Switch	ACCS
22	331	R	WOT A/C Cut Off	WAC
23	347	BK/Y	Power to A/C	PTAC
24	361	R	Vehicle Power	VPWR

Electrical Schematic

3.8L EFI AXOD



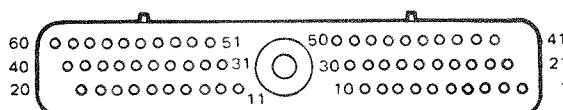
A11513-A

EEC-IV Module Connector Pin Usage

3.8L EFI AXOD

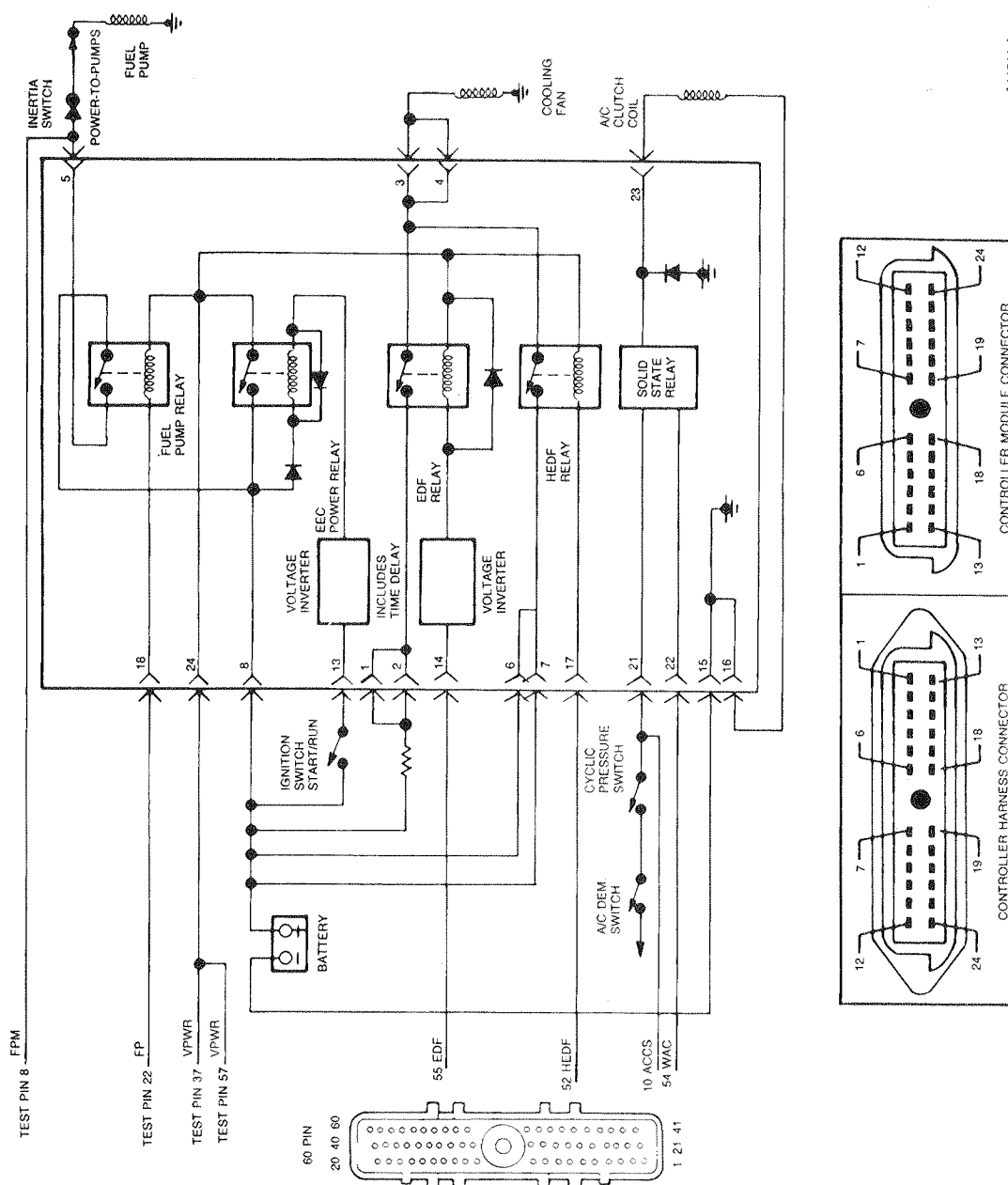
Pin	Circuit	Wire Color	Applications	Abbreviations
1	37	Y	Keep Alive Power	KAPWR
2	810	R/LG	Brake On/Off	BOO
3	150	DG/W	Vehicle Speed Sensor +	VSS DIF +
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
6	563	O/Y	Vehicle Speed Sensor -	VSS DIF -
7	354	LG/Y	Engine Coolant Temperature	ECT
8	787	PK/BK	Fuel Pump Monitor	FFM
9	695	BK/O	Data Communications Link - (Continental Only)	DATA -
10	585	P	A/C Cycling Switch	ACCS
13	144	O/Y	Vehicle Speed Control Solenoid	SOL +
16	350	GY	Ignition Ground	IGN GND
17	201	T/R	Self-Test Output/"Check Engine" Light	STO/MIL
18	315	DG/P	Transmission 4/3 Switch	THS 4/3
19	237	O/Y	Transmission 3/2 Switch	THS 3/2
20	57	BK	Case Ground	CSE GND
21	68	O/BK	Idle Speed Control (Bypass Air)	ISC-BPA
22	97	T/LG	Fuel Pump	FP
24	330	Y/LG	Power Steering Pressure Switch	PSPS
25	357	LG/P	Air Charge Temperature	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	Pressure Feedback EGR	PFE
28	696	O/BK	Data Communications Link + (Continental Only)	DATA +
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO
30	480	P/Y	Neutral Pressure Switch	NPS
31	101	GY/Y	Canister Purge Solenoid	CANP
32	637	LG	Air Suspension Control (Continental Only)	ACL
33	360	DG	EGR Vacuum Regulator Solenoid	EVR
34	305	LB/PK	Data Output Link	DOL
35	146	W/PK	Speed Control Vent Solenoid	SCVNT
36	324	Y/LG	Spark Output	SPOUT
37	361	R	Vehicle Power	VPWR
39	461	O	Speed Control Command Switch Ground	SCCS GND
40	60	BK/LG	Power Ground	PWR GND
42	145	GY/BK	Speed Control Vacuum Solenoid	SCVAC
44	854	GY/W	Transmission Temperature Switch (Continental Only)	TTS
45	358	LG/BK	Manifold Absolute Pressure Sensor	MAP
46	359	BK/W	Signal Return (Ground)	SIG RTN
47	355	DG/LG	Throttle Position Sensor	TP
48	200	W/BK	Self Test Input	STI
49	89	O	Heated Exhaust Gas Oxygen Sensor Ground	HEGO GND
50	151	LB/BK	Speed Control Command Switch	SCCS
52	639	PK	High Electro Drive Fan	HEDF
53	224	T/LB	Lock-Up Solenoid (Transmission)	LUS
54	331	R	Wide Open Throttle (WOT) A/C Cutoff	WAC
55	197	T/O	Electro Drive Fan (Low)	EDF
56	349	DB	Profile Ignition Pick-Up	PIP
57	361	R	Vehicle Power	VPWR
58	95	T/R	Injector Bank 1	INJ 1
59	96	T/O	Injector Bank 2	INJ 2
60	60	BK/LG	Power 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

3.8L EFI AXOD

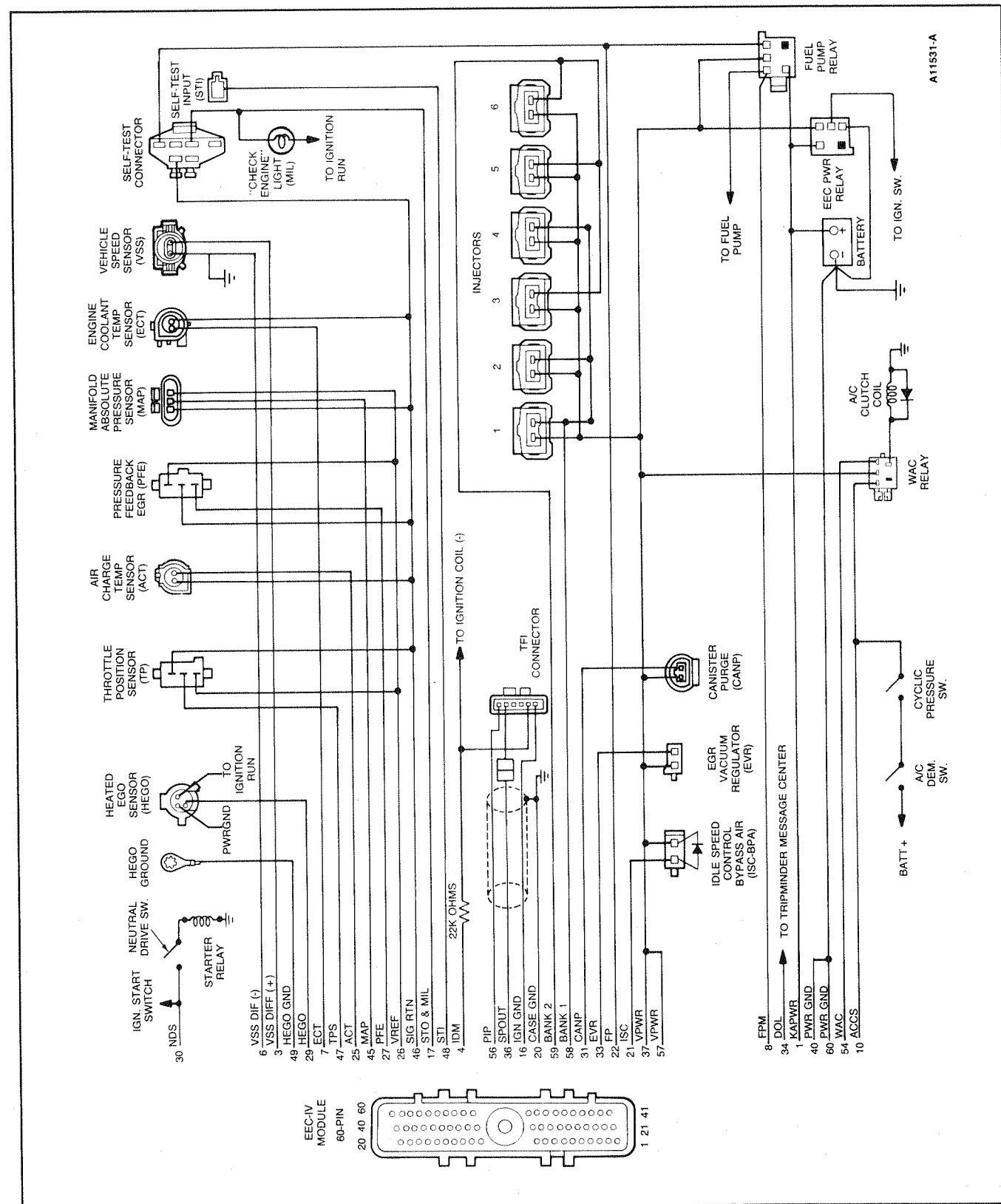


Integrated Controller Pin Usage

**3.8L
EFI
AXOD**

Pin	Circuit	Color	Applications	Abbreviations
1	181	BR/O	Power to EDF Relay	PT EDF
2	181	BR/O	Power to EDF Relay	PT EDF
3	38	BK/O	Power to Cooling Fan	PTF
4	38	BK/O	Power to Cooling Fan	PTF
5	787	PK/BK	Power to Fuel Pump	PTP
6	228	BR/Y	Power to HEDF Relay	PT HEDF
7	228	BR/Y	Power to HEDF Relay	PT HEDF
8	37	Y	Battery to EEC Relay	BATT -
13	16	R/LG	Key Power	KEY PWR
14	197	T/O	EDF Circuit	EDF
15	60	BK/LG	Power Ground	PWR GRD
16	321	GY/W	A/C Clutch Ground	PWR GRD
17	639	PK	HEDF Circuit	HEDF
18	97	T/LG	Fuel Pump	FP
21	348	LG/P	A/C Cyclic Switch	ACCS
22	331	R	WOT A/C Cut Off	WAC
23	347	BK/Y	Power to A/C	PTAC
24	361	R	Vehicle Power	VPWR

**3.8L
RWD
EFI**

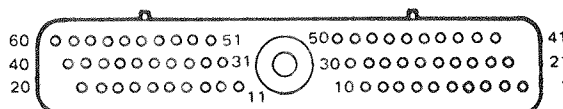


EEC-IV Module Connector Pin Usage

3.8L RWD EFI

Pin	Circuit	Wire Color	Application	Abbreviations
1	38	BK/O	Keep Alive Power	KAPWR
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
8	787	PK/BK	Fuel Pump Monitor	FPM
10	883	PK/LB	A/C Cycling Switch	ACCS
16	350	GY	Ignition Ground	IGN GND
17	382	Y/BK	Self-Test Output and "Check Engine" Light	STO/MIL
20	57	BK	Case Ground	CSE GND
21	68	O/BK	Idle Speed Control	ISC
22	97	T/LG	Fuel Pump	FP
25	357	LG/P	Air Charge Temperature	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	Pressure Feedback EGR	PFE
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO
30	376	BR/W	Neutral Drive Switch	NDS
31	101	GY/Y	Canister Purge	CANP
33	360	DG	EGR Vacuum Regulator	EVR
34	305	LB/PK	Data Output Link	DOL
36	324	Y/LG	Spark Output	SPOUT
37	175	BK/Y	Vehicle Power	VPWR
40	60	BK/LG	Power Ground	PWR GND
45	356	DB/LG	Manifold Absolute Pressure Sensor	MAP
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 Sensor Ground	HEGO G
54	73	O/LB	W.O.T. A/C Cutoff	WAC
56	349	DB	Profile Ignition Pick-Up	PIP
57	175	BK/Y	Vehicle Power	VPWR
58	556	W	Injector Bank 1	INJ 1
59	560	LG	Injector Bank 2	INJ 2
60	60	BK/LG	Power Ground	PWR GND

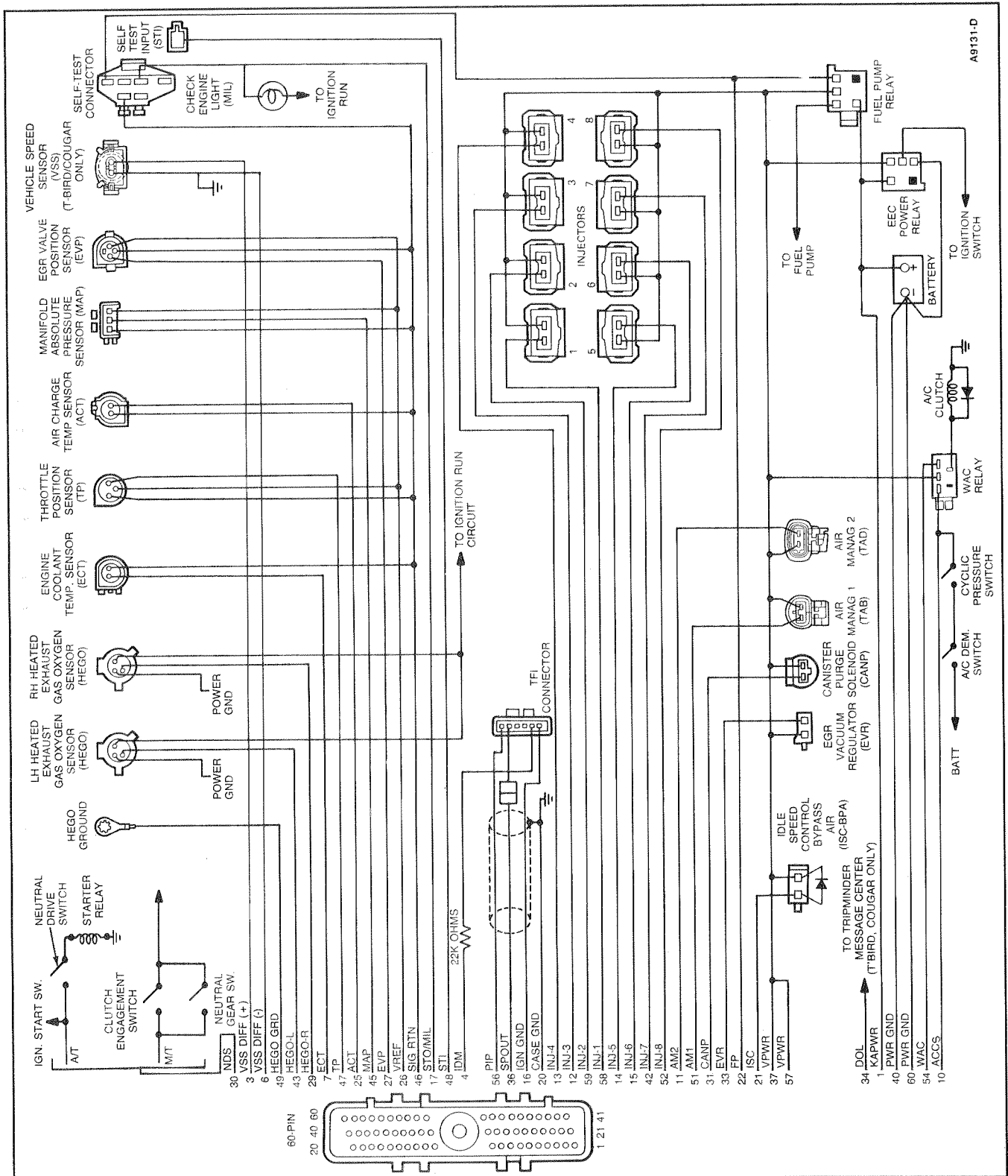
Pin locations given for reference only. Probing 60 pin connector with DVOM probe will result in permanent damage to the pin connectors. Always probe as directed, using the Breakout Box.



Electrical Schematic

**5.0L
SEFI**

THUNDERBIRD/COUGAR, MUSTANG

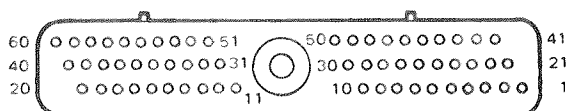


EEC-IV Module Connector Pin Usage

5.0L SEFI

Pin	Car Lines				Application	Abbreviations
	Thunderbird, Cougar		Mustang			
	Crt. #	Wire Color	Crt. #	Wire Color		
1	38	BK/O	38	BK/O	Keep Alive Power	KAPWR
3	150	DG/W	—	—	Vehicle Speed Sensor +	VSS DIF +
4	189	LB/PK	11	DH/Y	Ignition Diagnostic Monitor	IDM
6	563	O/Y	—	—	Vehicle Speed Sensor –	VSS DIF –
7	354	LG/Y	354	LG/Y	Engine Coolant Temperature	ECT
10	883	PK/LB	883	PK/LB	A/C Clutch Signal	ACCS
11	99	LG/BK	99	LG/BK	Air Management 2	AM2
12	557	BR/Y	557	BR/Y	Injector #3	INJ 3
13	558	BR/LB	558	BR/LB	Injector #4	INJ 4
14	559	T/LB	559	T/LB	Injector #5	INJ 5
15	560	LG	560	LG	Injector #6	INJ 6
16	259	BK/O	259	BK/O	Ignition Ground	IGN GND
17	382	Y/BK	382	Y/BK	Self-Test Output/"Check Engine" Light	STO/MIL
20	57	BK	57	BK	Case Ground	CASE GND
21	264	W/LB	264	W/LB	Idle Speed Control	ISC
22	97	T/LG	97	T/LG	Fuel Pump	FP
25	357	LG/P	357	LG/P	Air Charge Temperature	ACT
26	351	O/W	351	O/W	Reference Voltage	VREF
27	352	BR/LG	352	BR/LG	EGR Valve Position Sensor	EVP
29	94	DG/P	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO-R
30	—	—	199	LB/Y	Clutch/Neutral Gear Switches (M/T)	NGS and CES
30	376	BR/W	33	W/PK	Neutral Drive Switch (A/T)	NDS
31	101	GY/Y	101	GY/Y	Canister Purge	CANP
33	360	DG	360	DG	EGR Valve Regulator	EVR
34	305	LB/PK	—	—	Data Output Link	DCL
36	324	Y/LG	324	Y/LG	Spark Output	SPOUT
37	175	BK/Y	361	R	Vehicle Power	VPWR
40	60	BK/LG	60	BK/LG	Power Ground	PWR GND
42	561	T/O	561	T/O	Injector #7	INJ 7
43	90	DB/LG	90	DB/LG	Heated Exhaust Gas Oxygen Sensor	HEGO-L
45	358	LG/BK	358	LG/BK	Manifold Absolute Pressure Sensor	MAP
46	359	BK/W	359	BK/W	Signal Return	SIG RTN
47	355	DG/LG	355	DG/LG	Throttle Position Sensor	TP
48	209	W/R	201	T/R	Self-Test Input	STI
49	89	O	89	O	Heated EGO Ground	HEGO GND
51	100	W/R	100	W/R	Air Management 1	AM1
52	562	LB	562	LB	Injector #8	INJ 8
54	73	O/LB	73	O/LB	Wide Open Throttle A/C Cut Off	WAC
56	349	DB	349	DB	Profile Ignition Pick-Up	PIP
57	175	BK/Y	361	R	Vehicle Power	VPWR
58	555	T	555	T	Injector #1	INJ 1
59	556	W	556	W	Injector #2	INJ 2
60	60	BK/LG	60	BK/LG	Power Ground	PWR GND

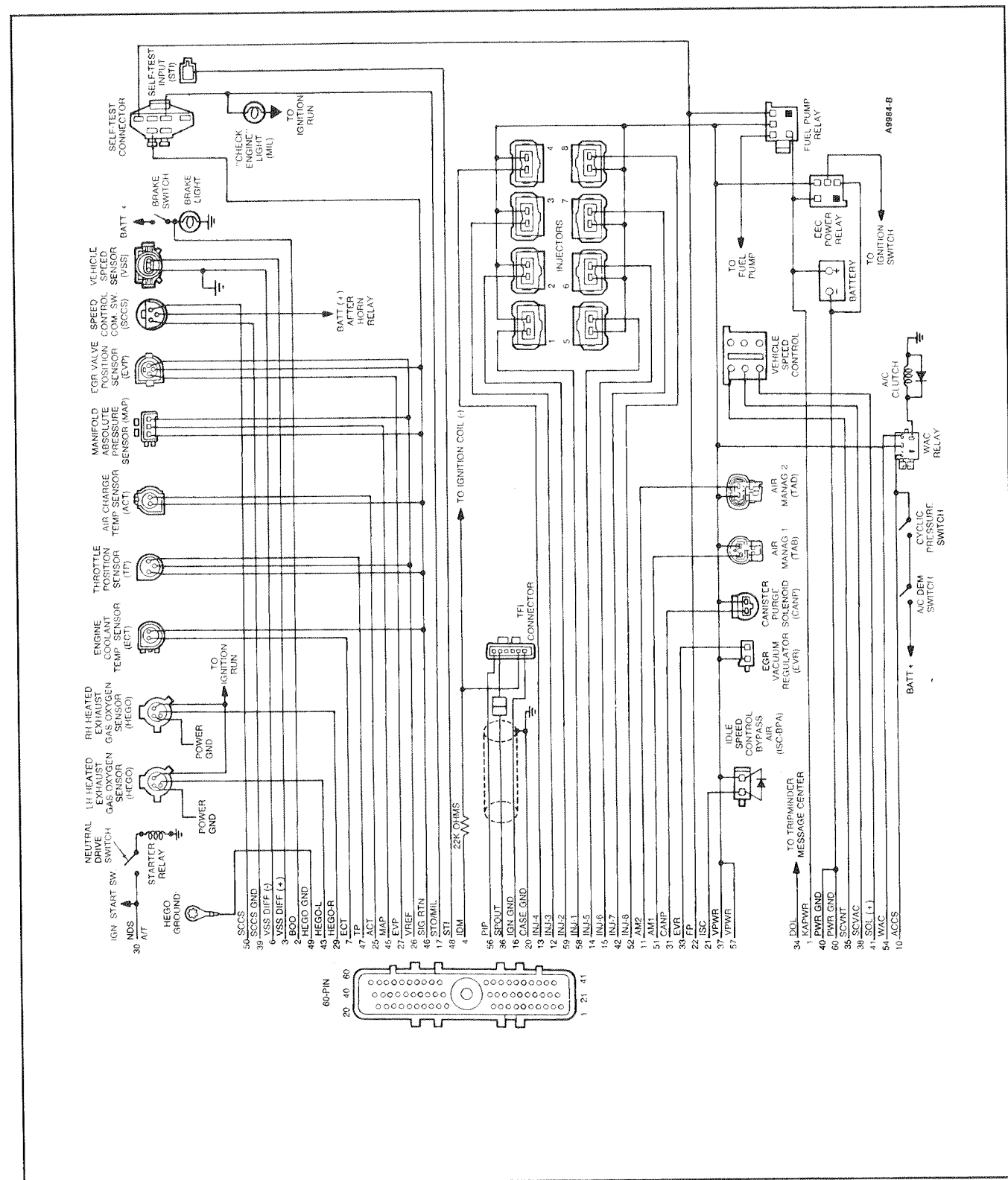
Pin locations given for reference only. Probing 60 pin connector with DVOM probe will result in permanent damage to the pin connectors. Always probe as directed, using the Breakout Box.



Electrical Schematic

5.0L SEFI

FORD, MERCURY, MARK VII, TOWN CAR

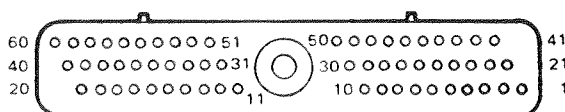


EEC-IV Module Connector Pin Usage

5.0L SEFI

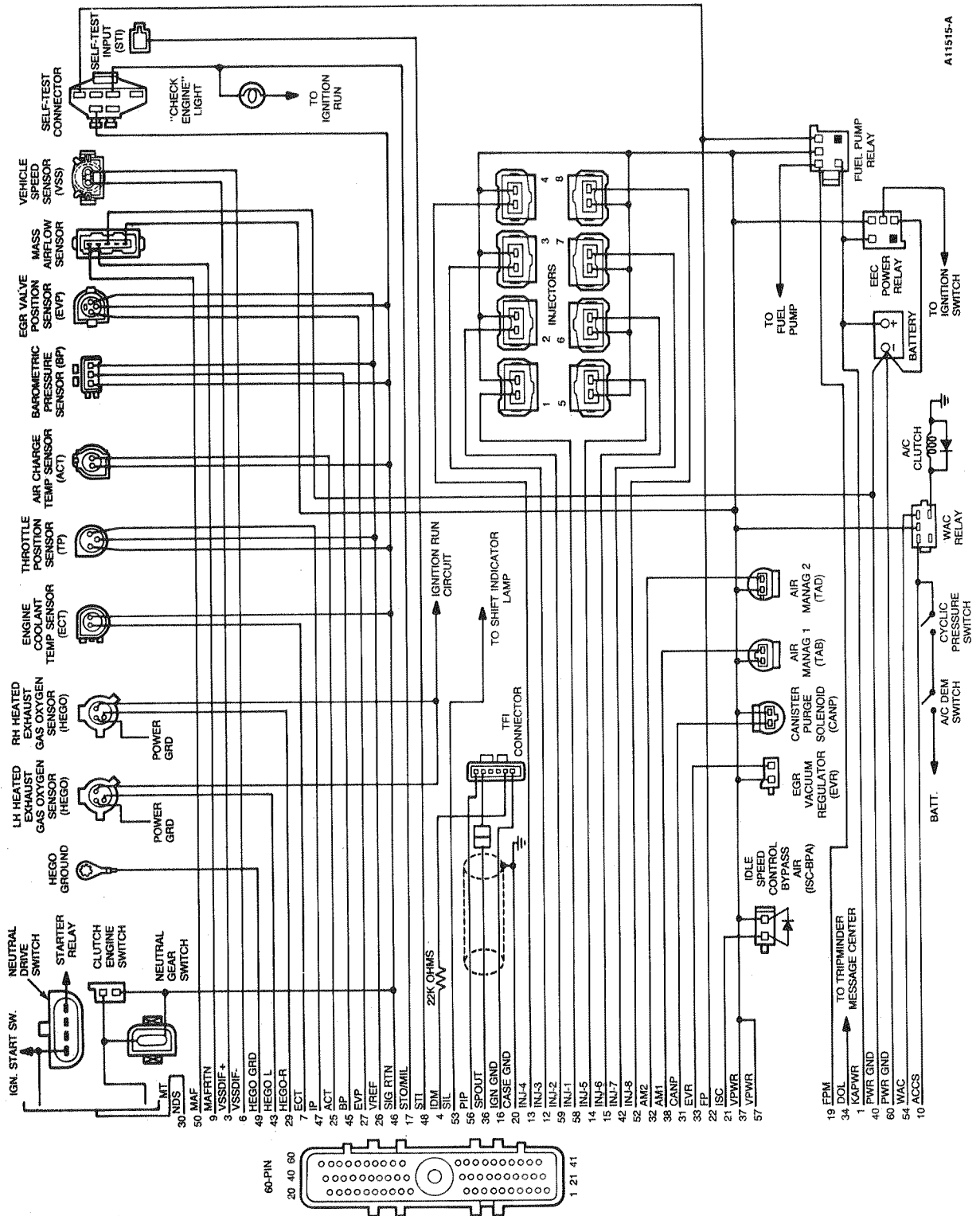
Pin	Car Lines				Application	Abbreviations
	Mark VII		Ford, Mercury, Town Car			
	Crt. #	Wire Color	Crt. #	Wire Color		
1	38	BK/O	37	Y	Keep Alive Power	KAPWR
2	511	LG	511	LG	Brake On/Off	BOO
3	150	DG/W	150	DG/W	Vehicle Speed Sensor +	VSS DIF +
4	11	DG/Y	11	DG/Y	Ignition Diagnostic Monitor	IDM
6	683	P/LB	359	BK/W	Vehicle Speed Sensor -	VSS DIF -
7	354	LG/Y	354	LG/Y	Engine Coolant Temperature	ECT
10	348	LG/P	883	PK/LB	A/C Clutch Signal	ACCS
11	99	LG/BK	99	LG/BK	Air Management 2	AM2
12	557	BR/Y	557	BR/Y	Injector #3	INJ 3
13	558	BR/LB	558	BR/LB	Injector #4	INJ 4
14	559	T/LB	559	T/LB	Injector #5	INJ 5
15	560	LG	560	LG	Injector #6	INJ 6
16	259	BK/O	259	BK/O	Ignition Ground	IGN GND
17	382	Y/BK	201	T/R	Self-Test Output/"Check Engine" Light	STO/MIL
20	57	BK	57	BK	Case Ground	CASE GND
21	264	W/LB	264	W/LB	Idle Speed Control	ISC
22	97	T/LG	97	T/LG	Fuel Pump	FP
25	357	LG/P	357	LG/P	Air Charge Temperature	ACT
26	351	O/W	351	O/W	Reference Voltage	VREF
27	352	BR/LG	352	BR/LG	EGR Valve Position Sensor	EVP
29	94	DG/P	94	DG/P	Heated Exhaust Gas Oxygen Sensor	HEGO-R
30	33	W/PK	33	W/PK	Neutral Drive Switch	NDS
31	101	GY/Y	101	GY/Y	Canister Purge	CANP
33	360	DG	360	DG	EGR Valve Regulator	EVR
34	305	LB/PK	305	LB/PK	Data Output Line	DOL
35	146	W/PK	146	W/PK	Speed Control Vent (Solenoid)	SCVNT
36	324	Y/LG	324	Y/LG	Spark Output	SPOUT
37	361	R	361	R	Vehicle Power	VPWR
38	145	GY/BK	145	GY/BK	Speed Control Vacuum (Solenoid)	SCVAC
39	199	LB/Y	679	GY/BK	Speed Control Command Switch Ground	SCCS GND
40	60	BK/LG	60	BK/LG	Power Ground	PWR GND
41	144	O/Y	144	O/Y	Vehicle Speed Control Solenoid	SOL +
42	561	T/O	561	T/O	Injector #7	INJ 7
43	90	DB/LG	90	DB/LG	Heated Exhaust Gas Oxygen Sensor	HEGO-L
45	356	DB/LG	358	LG/BK	Manifold Absolute Pressure Sensor	MAP
46	359	BK/W	359	BK/W	Signal Return	SIG RTN
47	355	DG/LG	355	DG/LG	Throttle Position Sensor	TP
48	209	W/R	200	W/BK	Self-Test Input	STI
49	89	O	89	O	Heated EGO Ground	HEGO GND
50	151	LB/PK	151	LB/BK	Speed Control Command Switch	SCCS
51	100	W/R	100	W/R	Air Management 1	AM1
52	562	LB	562	LB	Injector #8	INJ 8
54	73	O/LB	73	O/LB	Wide Open Throttle A/C Cut Off	WAC
56	349	DB	349	DB	Profile Ignition Pick-Up	PIP
57	361	R	361	R	Vehicle Power	VPWR
58	555	T	555	T	Injector #1	INJ 1
59	556	W	556	W	Injector #2	INJ 2
60	60	BK/LG	60	BK/LG	Power 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.



Electrical Schematic

5.0L
SEFI
MA



EEC-IV Module Connector Pin Usage

5.0L SEFI MA

5.0L MASS AIR SEFI MUSTANG

Pin	Circuit	Wire Color	Application	Abbreviations
1	38	BK/O	Keep Alive Power	KAPWR
3	150	DG/W	Vehicle Speed Sensor +	VSS +
4	11	DG/Y	Ignition Diagnostic Monitor	IDM
6	563	O/Y	Vehicle Speed Sensor -	VSS -
7	354	LG/Y	Engine Coolant Temperature	ECT
9	968	T/LB	Mass Air Signal Return	MAF RTN
10	883	PK/LB	A/C Clutch Signal	ACCS
12	557	BR/Y	Fuel Injector #3	INJ 3
13	558	BR/LB	Fuel Injector #4	INJ 4
14	559	T/LB	Fuel Injector #5	INJ 5
15	560	LG	Fuel Injector #6	INJ 6
16	259	BK/O	Ignition Ground	IGN GND
17	657	T	Self-Test Out and Malfunction Light	STO and MIL
19	787	PK/BK	Fuel Pump Monitor	FPM
20	57	BK	Case Ground	CASE GND
21	264	W/LB	Idle Speed Control Bypass Air	ISC-BPA
22	97	T/LG	Fuel Pump	FP
25	357	LG/P	Air Charge Temp	ACT
26	351	O/W	Reference Voltage	VREF
27	352	BR/LG	EGR Valve Position Sensor	EVP
29	94	DG/P	Heated Exhaust Gas Oxygen Sensor	R-HEGO
30	199	LB/Y	Neutral Gear SW. M.T.	NGS
30	33	W/PK	Neutral Drive With Automatics	NDS
31	101	GY/Y	Canister Purge	CANP
32	99	LG/BK	Thermactor Air Diverter	TAD
33	360	DG	EGR Valve Regulator	EVR
36	324	Y/LG	Spark Out	SPOUT
37	361	R	Vehicle Power	VPWR
38	100	W/R	Thermactor Air Bypass	TAB
40	60	BK/LG	Power Ground	PWR GND
42	561	T/O	Fuel Injector #7	INJ 7
43	90	DB/LG	Heated Exhaust Gas Oxygen Sensor	L-HEGO
45	358	LG/BK	Barometric Pressure Sensor	BP
46	359	BG/W	Signal Return	SIG RTN
47	355	DG/LG	Throttle Position Sensor	TPS
48	201	T/R	Self-Test Input	STI
49	89	O	Heated Exhaust Gas Oxygen Sensor Ground	HEGO GND
50	967	DB/O	Mass Air Flow	MAF
52	562	L/B	Fuel Injector #8	INJ 8
54	73	O/LB	W.O.T. A/C Cut Off	WOT A/C
56	349	DB	Profile Ignition Pick Up	PIP
57	361	R	Vehicle Power	VPWR
58	555	T	Fuel Injector #1	INJ 1
59	556	W	Fuel Injector #2	INJ 2
60	60	BK/LG	Power 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.

