

Fiero 2.8 ECM Harness & Connectors			1227730 ECM (90-92 Camaro 3.1) Connectors		
Pin	Wire Color	Circuit Description	Action	Pin	Additional Action (if needed)
A1	dk grn / wht	fuel pump relay control	move to	BA11	
A4	gry / red	egr control, term B at EGR	move to	GF9	hook knock sensor to this circuit in engine compartment
A5	brn / wht	check engine lamp control	move to	GE7	
A6	pnk / blk	ign 1 b+ fused feed	move to	BA6	
A7	tan / blk	tcc / shift lamp control	move to	GF6	
A8	org	serial data	move to	BA9	at ALDL connector, move org wire from pin E to pin M
A9	wht / blk	diagnostic enable	move to	GE12	
A10	brn	2000 ppm vss signal from fiero speedo	delete		
A11	tan	intake air temp sensor	move to	GF16	
A12	blk / wht	ecm ground	move to	BA12	
B1	org	constant battery power 12v +	move to	BB1	
B3	blk / red	distributor reference low (ground)	move to	BD9	
B4	wht	electronic spark timing control	move to	BC8	
B5	ppl / wht	distributor reference signal	move to	BD8	
B8	lt blu	a/c request signal from hvac controls	move to	BC9	
B10	org / blk	park/neutral signal (auto trans)	move to	BD16	
C2	dk blu	a/c relay control	move to	GF1	
C3	lt grn / blk	IAC B low	move to	GE6	
C4	lt grn / wht	IAC B hi	move to	GE5	
C5	lt blu / wht	IAC A hi	move to	GE3	
C6	lt blu / blk	IAC A low	move to	GE4	
C10	yel	coolant temp signal	move to	GE16	
C11	lt grn	map sensor signal	move to	GF15	
C12	lt grn	map sensor signal	delete		
C13	dk blu	tps signal	move to	GF13	
C14	gry	5 volt reference	move to	BA4	
C15	blu	inj B control	move to	BC11	
C16	org	constant battery power 12v +	move to	BC16	
D1	blk / wht	ecm ground	move to	BD1	
D5	tan / blk	est bypass	move to	BC7	must be disconnected to set base timing, see note1 below
D6	tan	o2 sensor ground	move to	GE15	
D7	ppl	o2 sensor signal	move to	GE14	
D8	dk grn	egr diagnosic switch, pin C at egr	move to	GE8	coolant fan control, connect fan temp sw wire to this circuit
D12	blk	cts, tps ground	move to	BB5	
D13	blk / org	map, mat ground	move to	BB6	
D14	grn	inj A control	move to	BC12	
D15	grn	inj A control	delete		
D16	blu	inj B control	delete		

NOTE 1: A single wire weatherpack connector (similar to what is used for the O2 sensor) must be wired into this circuit so the circuit can be disconnected in order to put the ignition system into base timing mode so the base timing can be set using a timing light.

### 1227730 ECM (90-92 Camaro 3.1) Secondary Harness Connections

Pin	Wire Color	Circuit Description	Action
BA5	gry	5v reference	not needed
BB9	ppl	VSS low	splice into ppl or ppl/wht wire going to terminal R of C203 connector
BB10	yel	VSS hi	splice into yel wire going to terminal G of C203 connector
BB11	dk grn / wht	VSS 4000 ppm out	can be used for electronic cruise module or Fiero speedo
BC1	red	VSS 2000 ppm out	not needed
BD6	blk / wht	injector driver ground	connect to engine block ground
BD7	blk / wht	injector driver ground	connect to engine block ground
BD12	dk blu	A/C pressure switch signal	optional; hook up to hi side a/c pressure switch; activates coolant fan output when A/C press is hi
BD13	lt blu / org	power steering pressure switch	not needed
BD14	lt blu	4th gear switch	not needed
GE9	lt blu	EGR solenoid #1 control	optional; hook up to digital EGR valve terminal A
GE13	gry or tan/wht	fuel pump circuit voltage signal	splice into tan/wht wire going to terminal L of C203 connector
GF2	brn	A.I.R. pump switch solenoid control	not needed
GF4	brn	EGR solenoid #2 control	optional; hook up to digital EGR valve terminal B
GF5	red	EGR solenoid #3 control	optional; hook up to digital EGR valve terminal C; term D hooks to fused IGN 1 12v + power
GF7	dk grn / yel	EVAP solenoid control	optional; hook up to EVAP purge solenoid valve terminal B; term A hooks to fused IGN 1 12v + power
GF10	dk blu	VATS / Pass-Key signal	optional if VATS has been disabled in chip

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