Fiero 2.8 ECM Harness & Connectors			1227730 ECM Connectors (DIS - $A1 code mask)		
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	see DIS instructions below
B4	wht	electronic spark timing control	move to	BC8	see DIS instructions below
B5	ppl / wht	distributor reference signal	move to	BD8	see DIS instructions below
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		(this is an extra wire in the Fiero harness, not needed)
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	see DIS instructions below
D6	tan	o2 sensor ground	move to	GE15	
D7	ppl	o2 sensor signal	move to	GE14	
D8	dk grn	egr diagnostic 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		(this is an extra wire in the Fiero harness, not needed)
D16	blu	inj B control	delete		(this is an extra wire in the Fiero harness, not needed)

1227730 ECM Secondary Harness Connections (DIS - $A1 code mask)			
Pin	**Wire Color**	**Circuit Description**	**Action**
BA5	gry	5v reference	connect to A/C pressure sensor terminal B
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
BD6	blk / wht	injector driver ground	connect to engine block ground
BD7	blk / wht	injector driver ground	connect to engine block ground
GF14	gry / red	A/C pressure sensor signal	connect to A/C pressure sensor terminal C
BD13	lt blu / org	power steering pressure 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
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
GF8	*any*	Fan2 relay output control	optional; can use to control a 2nd cooling fan relay
*BB5	blk	sensor ground	splice into this existing wire to supply ground reference to A/C pressure sensor terminal A

Distributorless Ignition System (DIS) connections			
Pin	**Wire Color**	**Circuit Description**	**Action**
A	blk / wht	ignition module ground	connect to engine ground
B	pnk or pnk/blk	ignition module ign B+ power	connect to large pink wire coming from C500 connector terminal E3
A	yel	crank sensor hi	connect to crank sensor terminal A
B	bare (if present)	shield	*optional shield; if no shield wire is present make sure ppl and yel wires are twisted pair
C	ppl	crank sensor low	connect to crank sensor terminal B
A	tan / blk	EST Bypass	Connect to wire going to pin B (tan / blk wire) of the OE Fiero ign module
B	wht	EST	Connect to wire going to pin D (wht wire) of the OE Fiero ign module
C	wht	Tach Signal Out	Connect to OE Fiero tach wire coming from terminal C3 of the C500 connector (do not use tach filter)
D		not used	
E	ppl / wht	Reference Hi	Connect to wire going to pin C (ppl / wht) of the OE Fiero ign module
F	blk / red	Reference Ground	Connect to wire going to pin A (blk / red) of the OE Fiero ign module