

5Cyl Ver 3.5A

Wire Colors		Software		Mercury2 Input / Outputs				Software			Wire Colors	
		Priority2	Priority1					Priority1	Priority2	Priority3		
M01-P1	MEX02-2			P1 - 12 Way Input							MEX02-2	M01-P1
Green	Red			Water Temp	7	1	Air Temp				Red	Yellow
Red	Red			Lambda	8	2	TPS				Blue	Blue
Red	Red			+.5 Volt Out	9	3	MAP				Blue	Blue
Orange	Orange			+.12 Volt Ign	10	4	GND				Black	Black
Yellow	Yellow			TDC Sensor	11	5	Cam2 Sensor				Blue	N/C
Green	Green			Crank Sensor	12	6	Cam1 Sensor				Red	N/C
M02-P2	MEX02-2			P2 - 10 Way Output							MEX02-2	M02-P2
Red/Yellow	Red/Yellow		Coil Drv 2	P2 12 Volt	6	1	P1 12 Volt	Coil Drv 1			Red/White	Red/White
Red/Green	Red/Green		Coil Drv 4	P4 12 Volt	7	2	P3 12 Volt	Coil Drv 3			Red/Orange	Red/Orange
Red/Black	Red/Black	GP3	Fuel Pump	P6 12 Volt	8	3	P5 12 Volt	Coil Drv 5			Red/Blue	Red/Blue
Blue/Black	N/C			Electronic Relay	9	4	Relay Out				Blue	Blue/Red
Red	Red			+.12 Volt In	10	5	+.12 Volt In				Red	Red
M03-P3	MEX02-2			P3 - 8 Way Output							MEX02-2	M03-P3
Black/Red	Black/Red	GP4	Idle Valve	N6 Ground	5	1	N5 Ground	Inj Drv 5			Black/Purple	Black/Purple
Black/Brown	Black/Brown		Inj Drv 4	N4 Ground	6	2	N3 Ground	Inj Drv 3			Black/Orange	Black/Orange
Black/Yellow	Black/Yellow		Inj Drv 2	N2 Ground	7	3	N1 Ground	Inj Drv 1			Black/White	Black/White
Green	Green			RPM Out	8	4	GP1 Out	GP1			Blue/Orange	Blue/Orange
M04-P4	MEX02-2			P4 - 6 Way In/Output							MEX02-2	M04-P4
Yellow	Yellow			Fuel Sensor	4	1	GP2 Out	GP2			Blue/White	Blue/White
Blue	Blue			POT	5	2	Altitude				Green	Green
Red	Red			+.5 Volt Out	6	3	GND				Blue	Blue
M07-P5	MEX02-2			P5 - 4 Way Output							MEX02-2	M07-P5
Black/Yellow	Blue	GP6	Cam2 Sol	N8 Ground	3	1	N7 Ground	Cam1 Sol	Dual Idle	GP5	White	Black/White
Red/Yellow	Green		GP8	P8 12 Volt	4	2	P7 12 Volt	Micro Fuel	GP7		Yellow	Red/White
	USB			Comms - 6 Way USB/Firm							USB	
	N/C			Programmer 2	4	1	Programmer 1				N/C	
	Yellow			Receive	5	2	Transmit				Green	
	Red			+.5 Volt Out	6	3	GND				Blue	

Note!! Coil and Injector numbers used here are firing phases from the ECU. It is not the actual firing order on your engine. Refer to the drawings for Phase to firing order comparison.