6Cyl Ver 3.5A

Mercury2 Input / Outputs

Wire Colors			Software							Software		Wire Colors	
		Priority3	Priority2	Priority1						Priority1	Priority2		
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		GP3	Idle Valve	P4 12 Volt	7	2	P3 12 Volt		Coil Drv 3		Red/Orange	Red/Orange
Red/Black	Red/Black	GP5	Dual Idle	Micro Fuel	P6 12 Volt	8	3	P5 12 Volt		Fuel Pump	GP4	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		GP10	Inj Drv 6	N6 Ground	5	1	N5 Ground		Inj Drv 5	GP9	Black/Purple	Black/Purple
Black/Brown	Black/Brown		GP8	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			Cam 2	N8 Ground	3	1	N7 Ground		Cam 1		White	Black/White
Red/Yellow	Green			GP7	P8 12 Volt	4	2	P7 12 Volt		GP6		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.