8 Cyl Ver 3.5E+

Mercury2 Layout

Wire Colors								Software		Wire Colors	
		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		Coil Drv 4	P4 12 Volt	7	2	P3 12 Volt	Coil Drv 3		Red/Orange	Red/Orange
Red/Black	Red/Black	GP4	Cam2	P6 12 Volt	8	3	P5 12 Volt	Cam1	GP3	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	GP8	Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5	GP7	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	Idle Valve	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	Dual Idle	GP2 (Intake)	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	GP10	Inj Drv 8	N8 Ground	3	1	N7 Ground	Inj Drv 7	GP9	White	Black/White
Red/Yellow	Green	GP6	Micro Fuel	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump	GP5	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.