

# 4Cyl Ver 3.5E+

## Mercury2 Layout

Wire Colors				Software			Wire Colors					
		Priority2	Priority1		Priority1	Priority2	Priority3					
<b>M01-P1</b>	<b>MEX02-2</b>			<b>P1 - 12 Way Input</b>					<b>MEX02-2</b>	<b>M01-P1</b>		
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		
				<b>P2 - 10 Way Output</b>					<b>MEX02-2</b>	<b>M02-P2</b>		
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		
				<b>P3 - 8 Way Output</b>					<b>MEX02-2</b>	<b>M03-P3</b>		
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	GP1		Blue/Orange	Blue/Orange	
				<b>P4 - 6 Way In/Output</b>					<b>MEX02-2</b>	<b>M04-P4</b>		
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	
				<b>P5 - 4 Way Output</b>					<b>MEX02-2</b>	<b>M07-P5</b>		
Black/Yellow	Blue	GP10	Inj Drv 8	N8 Ground	3	1	N7 Ground	Inj Drv 7	GP9	White	Black/White	
Red/Yellow	Green	GP6	Idle Valve	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump Cntrl	Dual Idle Valve	GP5	Yellow	Red/White
				<b>Comms - 6 Way USB/Firm</b>					<b>USB</b>			
	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.