

6 Cyl Ver 3.5E+

Mercury2 Layout

Wire Colors		Software			Software			Wire Colors	
		Priority3	Priority2	Priority1	Priority1	Priority2	Priority3		
M01-P1	MEX02-2				P1 - 12 Way Input				
Green	Red				Water Temp	7	1	Air Temp	Red
Red	Red				Lambda	8	2	TPS	Blue
Red	Red				+.5 Volt Out	9	3	MAP	Blue
Orange	Orange				+.12 Volt Ign	10	4	GND	Black
Yellow	Yellow				TDC Sensor	11	5	Cam2 Sensor	Blue
Green	Green				Crank Sensor	12	6	Cam1 Sensor	Red
M02-P2	MEX02-2				P2 - 10 Way Output				
Red/Yellow	Red/Yellow			Coil Drv 2	P2 12 Volt	6	1	P1 12 Volt	Coil Drv 1
Red/Green	Red/Green			Coil Drv 4	P4 12 Volt	7	2	P3 12 Volt	Coil Drv 3
Red/Black	Red/Black			Coil Drv 6	P6 12 Volt	8	3	P5 12 Volt	Coil Drv 5
Blue/Black	N/C				Electronic Relay	9	4	Relay Out	
Red	Red				+.12 Volt In	10	5	+.12 Volt In	
M03-P3	MEX02-2				P3 - 8 Way Output				
Black/Red	Black/Red		GP9	Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5
Black/Brown	Black/Brown		GP7	Inj Drv 4	N4 Ground	6	2	N3 Ground	Inj Drv 3
Black/Yellow	Black/Yellow			Inj Drv 2	N2 Ground	7	3	N1 Ground	Inj Drv 1
Green	Green				RPM Out	8	4	GP1 Out	GP1
M04-P4	MEX02-2				P4 - 6 Way In/Output				
Yellow	Yellow				Fuel Sensor	4	1	GP2 Out	GP2
Blue	Blue				POT	5	2	Altitude	
Red	Red				+.5 Volt Out	6	3	GND	
M07-P5	MEX02-2				P5 - 4 Way Output				
Black/Yellow	Blue		GP4	Cam2	N8 Ground	3	1	N7 Ground	Cam1
Red/Yellow	Green	GP6	Dual Idle	Micro Fuel	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump
	USB				Comms - 6 Way USB/Firm				
	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.