

12 Cyl Ver 3.5E+

Wire Colors		Software			Mercury2 Layout						Software			Wire Colors	
		Priority3	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			Coil Drv 6	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			Inj Drv 6	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		GP3	RPM out	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	Intake Flap	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		GP5	Cam 2	N8 Ground	3	1	N7 Ground	Cam 1	GP4			White	Black/White	
Red/Yellow	Green		GP7	Dual Idle	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump	Idle Valve	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.