

4Cyl Ver 3.5E+

Mercury2 Layout

Wire Colors				Software						Wire Colors		
		Priority2	Priority1				Priority1	Priority2	Priority3			
M01-P1	MEX02-2			P1 - 12 Way Input								
Green	Red			Water Temp	7	1	Air Temp				MEX02-2	M01-P1
Red	Red			Lambda	8	2	TPS				Red	Yellow
Red	Red			.+5 Volt Out	9	3	MAP				Blue	Blue
Orange	Orange			.+12 Volt Ign	10	4	GND				Blue	Blue
Yellow	Yellow			TDC Sensor	11	5	Cam2 Sensor				Black	Black
Green	Green			Crank Sensor	12	6	Cam1 Sensor				Blue	N/C
											Red	N/C
M02-P2	MEX02-2			P2 - 10 Way Output								
Red/Yellow	Red/Yellow		Rotor 1 Trail Coil	P2 12 Volt	6	1	P1 12 Volt	Rotor 1 Lead Coil			MEX02-2	M02-P2
Red/Green	Red/Green		Rotor 2 Trail Coil	P4 12 Volt	7	2	P3 12 Volt	Rotor 2 Lead Coil			Red/White	Red/White
Red/Black	Red/Black	GP4	Idle Valve	P6 12 Volt	8	3	P5 12 Volt	Fuel Pump	Duel Idle	GP3	Red/Orange	Red/Orange
Blue/Black	N/C			Electronic Relay	9	4	Relay Out				Red/Blue	Red/Blue
Red	Red			.+12 Volt In	10	5	.+12 Volt In				Blue	Blue/Red
											Red	Red
M03-P3	MEX02-2			P3 - 8 Way Output								
Black/Red	Black/Red		GP6	N6 Ground	5	1	N5 Ground	GP5			MEX02-2	M03-P3
Black/Brown	Black/Brown		Inj Rot2 Sec	N4 Ground	6	2	N3 Ground	Inj Rot2 Prime 1			Black/Purple	Black/Purple
Black/Yellow	Black/Yellow		Inj Rot1 Sec	N2 Ground	7	3	N1 Ground	Inj Rot1 Prime 1			Black/Orange	Black/Orange
Green	Green			RPM Out	8	4	GP1 Out	GP1			Black/White	Black/White
											Blue/Orange	Blue/Orange
M04-P4	MEX02-2			P4 - 6 Way In/Output								
Yellow	Yellow			Fuel Sensor	4	1	GP2 Out	GP2	Idle Valve		MEX02-2	M04-P4
Blue	Blue			POT	5	2	Altitude				Blue/White	Blue/White
Red	Red			.+5 Volt Out	6	3	GND				Green	Green
											Blue	Blue
M07-P5	MEX02-2			P5 - 4 Way Output								
Black/Yellow	Blue		GP8	N8 Ground	3	1	N7 Ground	GP7			MEX02-2	M07-P5
Red/Yellow	Green		GP10	P8 12 Volt	4	2	P7 12 Volt	GP9			White	Black/White
											Yellow	Red/White
				Comms - 6 Way USB/Firm								
	N/C			Programmer 2	4	1	Programmer 1				USB	
	Yellow			Receive	5	2	Transmit				N/C	
	Red			.+5 Volt Out	6	3	GND				Green	
											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.