

8Cyl

Mercury2 ECU Layout

Wire Colors		Software Selectable				Software Selectable				Wire Colors					
		Sim leds	Priority3	Priority2	Priority1	Priority1	Priority2	Priority3	Sim leds						
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		
						P2 - 10 Way Output						MEX02-2	M02-P2		
Red/Yellow	Red/Yellow	P2			Coil Drv 2	P2 12 Volt	6	1	P1 12 Volt	Coil Drv 1		P1	Red/White	Red/White	
Red/Green	Red/Green	P4			Coil Drv 4	P4 12 Volt	7	2	P3 12 Volt	Coil Drv 3		P3	Red/Orange	Red/Orange	
Red/Black	Red/Black	P6		GP4	Cam2	P6 12 Volt	8	3	P5 12 Volt	Cam1		GP3	P5	Red/Blue	Red/Blue
Blue/Black	N/C	E Rel				Electronic Relay	9	4	Relay Out			Relay	Blue	Blue/Red	
Red	Red					.+12 Volt In	10	5	.+12 Volt In				Red	Red	
						P3 - 8 Way Output						MEX02-2	M03-P3		
Black/Red	Black/Red	N6		GP8	Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5		GP7	N5	Black/Purple	Black/Purple
Black/Brown	Black/Brown	N4			Inj Drv 4	N4 Ground	6	2	N3 Ground	Inj Drv 3			N3	Black/Orange	Black/Orange
Black/Yellow	Black/Yellow	N2			Inj Drv 2	N2 Ground	7	3	N1 Ground	Inj Drv 1			N1	Black/White	Black/White
Green	Green	RPM				RPM Out	8	4	GP1 Out	Idle Valve		GP1	GP1	Blue/Orange	Blue/Orange
						P4 - 6 Way In/Output						MEX02-2	M04-P4		
Yellow	Yellow					Fuel Sensor	4	1	GP2 Out	Dual Idle	Anti-Lag	GP2	GP2	Blue/White	Blue/White
Blue	Blue					POT	5	2	Altitude					Green	Green
Red	Red					.+5 Volt Out	6	3	GND					Blue	Blue
						P5 - 4 Way Output						MEX02-2	M07-P5		
Black/Yellow	Blue	N8		GP10	Inj Drv 8	N8 Ground	3	1	N7 Ground	Inj Drv 7		GP9	N7	White	Black/White
Red/Yellow	Green	P8		GP6	Micro Fuel	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump		GP5	P7	Yellow	Red/White
						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.