

8Cyl 2Coil

Mercury3 ECU Layout

Wire Colors		Software Selectable			Mercury3 ECU Layout			Software Selectable			Wire Colors		
		Sim leds	Priority2	Priority1				Priority1	Priority2	Sim leds			
M61-P1	M60-P1				P1 - 12 Way Input						M60-P1	M61-P1	
Yellow/Red	Yellow/Red				Water Temp	7	1	Air Temp			Yellow/Black	Yellow/Black	
Yellow/Green	Yellow/Green				Lambda	8	2	TPS			Green/Black	Green/Black	
Red	Red				.+5 Volt Out	9	3	MAP			Green Red	Green Red	
Orange	Orange				.+12 Volt Ign	10	4	GND			Black	Black	
	Blue				TDC Sensor	11	5	Cam2 Sensor			Red		
Blue	Blue				Crank Sensor	12	6	Cam1 Sensor			Red	Red	
M68-P2 / M69-P2 / M62-P2					P2 - 10 Way Output						M62-P2 / M69-P2 / M68-P2		
3-Relay	Red/Yellow	P2		Coil Drv 2	P2 12 Volt	6	1	P1 12 Volt	Coil Drv 1		P1	Red/White	3-Relay
2-Relay	Red/Green	P4	GP4	Fuel Pump	P4 12 Volt	7	2	P3 12 Volt	Micro Fuel	GP3	P3	Red/Orange	2-Relay
No-Relay	Red/Black	P6	GP6	Idle Valve	P6 12 Volt	8	3	P5 12 Volt	Dual Idle	GP5	P5	Red/Blue	No-Relay
	N/C	E Rel			Electronic Relay	9	4	Relay Out			Relay	Blue	
	Red				.+12 Volt In	10	5	.+12 Volt In				Red	
	M63-P3				P3 - 8 Way Output						M63-P3		
	Black/Red	N6		Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5		N5	Black/Purple	
	Black/Brown	N4		Inj Drv 4	N4 Ground	6	2	N3 Ground	Inj Drv 3		N3	Black/Orange	
	Black/Yellow	N2		Inj Drv 2	N2 Ground	7	3	N1 Ground	Inj Drv 1		N1	Black/White	
	Green	RPM			RPM Out	8	4	GP1 Out	Anti-Lag	GP1	GP1	Blue/Orange	
	M64-P4				P4 - 6 Way In/Output						M64-P4		
	Brown				Fuel Sensor	4	1	GP2 Out		GP2	GP2	Blue/White	
	Green/Yellow				POT	5	2	Altitude				Purple	
	Red				.+5 Volt Out	6	3	GND				Black	
	M65-P5				P5 - 4 Way Output						M65-P5		
	Blue/Red	N8	GP10	Inj Drv 8	N8 Ground	3	1	N7 Ground	Inj Drv 7	GP9	N7	Blue/Grey	
	Red/Black	P8		GP8	P8 12 Volt	4	2	P7 12 Volt		GP7	P7	Red/Blue	
	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.