

10Cyl

Mercury3 ECU Layout

Wire Colors		Software Selectable				Software Selectable				Wire Colors				
		Sim Ieds	Priority3	Priority2	Priority1	Priority1	Priority2	Priority3	Sim Ieds					
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	
						P2 - 10 Way Output								
M68-P2 / M69-P2 / M62-P2						P2 12 Volt	6	1	P1 12 Volt	Coil Drv 1		P1	Red/White	3-Relay
3-Relay	Red/Yellow	P2			Coil Drv 2	P4 12 Volt	7	2	P3 12 Volt	Coil Drv 3		P3	Red/Orange	2-Relay
2-Relay	Red/Green	P4			Coil Drv 4	P6 12 Volt	8	3	P5 12 Volt	Coil Drv 5		P5	Red/Blue	No-Relay
No-Relay	Red/Black	P6		GP3	Fuel Pump	Electronic Relay	9	4	Relay Out			Relay	Blue	
	N/C	E Rel				.+12 Volt In	10	5	.+12 Volt In				Red	
						P3 - 8 Way Output								
	M63-P3					N6 Ground	5	1	N5 Ground	Inj Drv 5		N5	Black/Purple	
	Black/Red	N6		GP4	Idle Valve	N4 Ground	6	2	N3 Ground	Inj Drv 3		N3	Black/Orange	
	Black/Brown	N4			Inj Drv 4	N2 Ground	7	3	N1 Ground	Inj Drv 1		N1	Black/White	
	Black/Yellow	N2			Inj Drv 2	RPM Out	8	4	GP1 Out		GP1	GP1	Blue/Orange	
	Green	RPM				P4 - 6 Way In/Output								
	M64-P4					Fuel Sensor	4	1	GP2 Out		GP2	GP2	Blue/White	
	Brown					POT	5	2	Altitude				Purple	
	Green/Yellow					.+5 Volt Out	6	3	GND				Black	
	Red					P5 - 4 Way Output								
	M65-P5					N8 Ground	3	1	N7 Ground	Cam 1	Dual Idle	GP5	N7	Blue/Grey
	Blue/Red	N8		GP6	Cam 2	P8 12 Volt	4	2	P7 12 Volt	Micro Fuel		GP7	P7	Red/Blue
	Red/Black	P8		GP8		Comms - 6 Way USB/Firm								
	USB					Programmer 2	4	1	Programmer 1				USB	
	N/C					Receive	5	2	Transmit				Green	
	Yellow					.+5 Volt Out	6	3	GND				Blue	
	Red													

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.