

3 Rotor

Mercury3 ECU Layout

Wire Colors		Software Selectable				Mercury3 ECU Layout				Software Selectable				Wire Colors	
		Sim leds	Priority3	Priority2	Priority1					Priority1	Priority2	Priority3	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			Rotor 1 Trail Coil	Positive 2	6	1	Positive 1	Rotor 1 Lead Coil			P1	Red/White	3-Relay
2-Relay	Red/Green	P4			Rotor 2 Trail Coil	Positive 4	7	2	Positive 3	Rotor 2 Lead Coil			P3	Red/Orange	2-Relay
No-Relay	Red/Black	P6			Rotor 3 Trail Coil	Positive 6	8	3	Positive 5	Rotor 3 Lead Coil			P5	Red/Blue	No-Relay
	N/C	E Rel			Electronic Relay	Electronic Relay	9	4	Negative 9	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 Rot3 Sec	Negative 6	5	1	Negative 5	Inj Rot3 Prime 1			N5	Black/Purple	
	Black/Brown	N4			Inj Rot2 Sec	Negative 4	6	2	Negative 3	Inj Rot2 Prime 1			N3	Black/Orange	
	Black/Yellow	N2			Inj Rot1 Sec	Negative 2	7	3	Negative 1	Inj Rot1 Prime 1			N1	Black/White	
	Green	RPM			RPM Out	Negative 10	8	4	GP Negative 1		GP1		GP1	Blue/Orange	
	M64-P4					P4 - 6 Way In/Output								M64-P4	
	Brown					Fuel Sensor	4	1	GP Negative 2		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		GP4		Negative 8	3	1	Negative 7	Anti-Lag	GP3		N7	Blue/Grey	
	Red/Black	P8		GP6	Idle Valve	Positive 8	4	2	Positive 7	Fuel Pump	GP5		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.