

3 Rotor

Mercury2 ECU Layout

Wire Colors		Software Selectable				Mercury2 ECU Layout						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			Rotor 1 Trail Coil	Positive 2	6	1	Positive 1	Rotor 1 Lead Coil			P1	Red/White	Red/White		
Red/Green	Red/Green	P4			Rotor 2 Trail Coil	Positive 4	7	2	Positive 3	Rotor 2 Lead Coil			P3	Red/Orange	Red/Orange		
Red/Black	Red/Black	P6			Rotor 3 Trail Coil	Positive 6	8	3	Positive 5	Rotor 3 Lead Coil			P5	Red/Blue	Red/Blue		
Blue/Black	N/C	E Rel			Electronic Relay	Electronic Relay	9	4	Negative 9	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			Inj Rot3 Sec	Negative 6	5	1	Negative 5	Inj Rot3 Prime 1			N5	Black/Purple	Black/Purple		
Black/Brown	Black/Brown	N4			Inj Rot2 Sec	Negative 4	6	2	Negative 3	Inj Rot2 Prime 1			N3	Black/Orange	Black/Orange		
Black/Yellow	Black/Yellow	N2			Inj Rot1 Sec	Negative 2	7	3	Negative 1	Inj Rot1 Prime 1			N1	Black/White	Black/White		
Green	Green	RPM			RPM Out	Negative 10	8	4	GP Negative 1		GP1		GP1	Blue/Orange	Blue/Orange		
						P4 - 6 Way In/Output										MEX02-2	M04-P4
Yellow	Yellow					Fuel Sensor	4	1	GP Negative 2		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		GP4		Negative 8	3	1	Negative 7	Anti-Lag	GP3		N7	White	Black/White		
Red/Yellow	Green	P8		GP6	Idle Valve	Positive 8	4	2	Positive 7	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.