

8Cyl VVTI Ver 3.5A

Mercury2 Input / Outputs

Wire Colors		Software			Software			Wire Colors				
		Priority3	Priority2	Priority1								
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			Coil Drv 2	P2 12 Volt	6	1	P1 12 Volt	Coil Drv 1	Red/White Red/White		
Red/Green	Red/Green			Coil Drv 4	P4 12 Volt	7	2	P3 12 Volt	Coil Drv 3	Red/Orange Red/Orange		
Red/Black	Red/Black			Cam2	P6 12 Volt	8	3	P5 12 Volt	Cam1	Red/Blue Red/Blue		
Blue/Black	N/C				Electronic Relay	9	4	Relay Out		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		GP5	Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5	GP4	Black/Purple Black/Purple	
Black/Brown	Black/Brown			Inj Drv 4	N4 Ground	6	2	N3 Ground	Inj Drv 3		Black/Orange Black/Orange	
Black/Yellow	Black/Yellow			Inj Drv 2	N2 Ground	7	3	N1 Ground	Inj Drv 1		Black/White Black/White	
Green	Green				RPM Out	8	4	GP1 Out	GP1		Blue/Orange Blue/Orange	
					P4 - 6 Way In/Output					MEX02-2 M04-P4		
Yellow	Yellow				Fuel Sensor	4	1	GP2 Out	Intake Flap		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		GP7	Inj Drv 8	N8 Ground	3	1	N7 Ground	Inj Drv 7	GP6	White Black/White	
Red/Yellow	Green	GP3	Idle Valve	Micro Fuel	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump	Dual Idle	GP2	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.