V8 Nissan VVTI Ver 3.5E+

Mercury2 Layout

Wire Colors								Software			Wire Colors	
		Priority3	Priority2	Priority1				Priority1	Priority2	Priority3		
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
M02-P2	**MEX02-2**				**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
M03-P3	**MEX02-2**				**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
M04-P4	**MEX02-2**				**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
M07-P5	**MEX02-2**				**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
	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.