

Wire Colors		Software Selectable				8Cyl Nissan VVTi Mercury2 ECU Layout								Software Selectable				Wire Colors	
		Sim	Priority3	Priority2	Priority1									Priority1	Priority2	Priority3	Sim		
M01-P1	MEX02-2	leds				P1 - 12 Way Input											leds	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	P2			Coil Drv 2	P2 12 Volt	6	1	P1 12 Volt	Coil Drv 1				P1				Red/White	Red/White
Red/Green	Red/Green	P4			Coil Drv 4	P4 12 Volt	7	2	P3 12 Volt	Coil Drv 3				P3				Red/Orange	Red/Orange
Red/Black	Red/Black	P6			Cam2	P6 12 Volt	8	3	P5 12 Volt	Cam1				P5				Red/Blue	Red/Blue
Blue/Black	N/C	E Rel				Electronic Relay	9	4	Relay Out					Relay				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	N6	GP5		Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5		GP4		N5				Black/Purple	Black/Purple
Black/Brown	Black/Brown	N4			Inj Drv 4	N4 Ground	6	2	N3 Ground	Inj Drv 3				N3				Black/Orange	Black/Orange
Black/Yellow	Black/Yellow	N2			Inj Drv 2	N2 Ground	7	3	N1 Ground	Inj Drv 1				N1				Black/White	Black/White
Green	Green	RPM				RPM Out	8	4	GP1 Out	Anti-Lag		GP1		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				GP2				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	N8	GP7		Inj Drv 8	N8 Ground	3	1	N7 Ground	Inj Drv 7		GP6		N7				White	Black/White
Red/Yellow	Green	P8	GP3	Idle Valve	Micro Fuel	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump	Dual Idle	GP2		P7				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.**