8Cyl Nissan VVTi

Mercury3 ECU Layout

Wire Colors		Software Selectable								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			Coil Drv 2	P2 12 Volt	6	1	P1 12 Volt	Coil Drv 1			P1	Red/White	3-Relay
2-Relay	Red/Green	P4			Coil Drv 4	P4 12 Volt	7	2	P3 12 Volt	Coil Drv 3			P3	Red/Orange	2-Relay
No-Relay	Red/Black	P6			Cam2	P6 12 Volt	8	3	P5 12 Volt	Cam1			P5	Red/Blue	No-Relay
	N/C	E Rel				Electronic Relay	9	4	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	GP5		Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5		GP4	N5	Black/Purple	
	Black/Brown	N4			Inj Drv 4	N4 Ground	6	2	N3 Ground	Inj Drv 3			N3	Black/Orange	
	Black/Yellow	N2			Inj Drv 2	N2 Ground	7	3	N1 Ground	Inj Drv 1			N1	Black/White	
	Green	RPM				RPM Out	8	4	GP1 Out	Anti-Lag		GP1	GP1	Blue/Orange	
	M64-P4					**P4 - 6 Way In/Output**								**M64-P4**	
	Brown					Fuel Sensor	4	1	GP2 Out	Intake Flap			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	GP7		Inj Drv 8	N8 Ground	3	1	N7 Ground	Inj Drv 7		GP6	N7	Blue/Grey	
	Red/Black	P8	GP3	Idle Valve	Micro Fuel	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump	Dual Idle	GP2	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.