

Wire Colors		Software		Orion 2Rotor Layout			Software		Wire Colors		
	E24	E22	Priority2	Priority1				Priority1	Priority2	E22	E24
	Green	Green			P1-12 Way Input					Yellow	Yellow
	Red	Red			Water Temp	7 1	Air Temp			Blue	Blue
	Red	Red			Lambda	8 2	TPS			Blue	Blue
	Red	Red			.+5 Volt Out	9 3	MAP			Black	Black
	Red	Red			.+12 Volt Ign	10 4	GND			Blue	N/C
	N/C	Yellow			TDC Sensor	11 5	TDC Power			Red	Red
	Blue	Green			Crank Sensor	12 6	Crank Power				
					P2-10 Way Output					E31	E32
E33	E32	E31			Coil1 L1	Coil1 6 1	Coil2	Coil2 T1		Black/Purple	N/C
Black/Red	Black/Red	Black/Red		Coil3 L2	Coil3 7 2	Coil4	Coil4 T2		Black/Orange	N/C	
Black/Brown	N/C	Black/Brown		Inj S2	N2 8 3	N1	Inj S1		Black/White	Black/White	
Black/Yellow	Black/Yellow	Black/Yellow		RPM Out	N4 9 4	N3	Relay Out		Blue/Black	Blue	
Green	Green	Green		Inj P2	N6 10 5	N5	Inj P1		Blue/Orange	Blue/Orange	
Blue/White	Blue/White	Blue/White									
		E36			P3-8 Way Output					E36	
		Red/White		Coil1 L1	P1 5 1	P2	Coil2 T1		Red/Yellow		
		Red/Orange		Coil3 L2	P3 6 2	P4	Coil4 T2		Red/Green		
		Red			.+12 Volt In	7 3	.+12 Volt In		Red		
		White		GP2	Coil5 8 4	Coil6	Idle Valve	GP1	Blue		
					P4-4 Way Serial						
					SDA	3 1	SCL				
					.+5 Volt Out	4 2	GND				
	P05-P3	USB			6 Way USB					USB	P05-P3
	Green	N/C			Tuning Pot	4 1	Dual Map Sw			N/C	Yellow
	Yellow	Yellow			Receive	5 2	Transmit			Green	Green
	Red	Red			.+5 Volt Out	6 3	GND			Blue	Blue

N1 to N6 = Negative 41 Volt 19V Drivers

P1 to P4 =12 Volt 6 Amp current limit drivers

Coil1 to Coil6 = Negative 500 Volt 18 Amp Drivers

Coil 1 to 4 and P1 to P4 share the same Micro drivers.

Tuning Pot and Coil6 share the same Micro Driver. Selection with Jumper on board

Dual Map Sw and Coil5 share the same Micro Driver. Selection with Jumper on board

A 3 Bar map sensor optional to be soldered on board. Can be used as Alt or MAP sensor.

GP2 - If Idle valve is selected then GP2 move to GP4 position