

					6Cyl 6SC 6Inj 6GP								
Wire Colors					Calisto ECU Layout							Wire Colors	
		Sim	Priority2	Pin Names					Pin Names	Priority2	Sim		
E61	E60	leds			P1 - 12 Way Input						leds	E60	E61
Yellow/Red	Yellow/Red			Water Sensor	Water Temp	7	1	Air Temp	Air Sensor			Yellow/Black	Yellow/Black
Yellow/Green	Yellow/Green			Lambda Sensor	Lambda	8	2	TPS	TPS Sensor			Green/Black	Green/Black
Red	Red			Sensors Power	.+5 Volt Out	9	3	MAP	Map Sensor			Green Red	Green Red
Orange	Orange			12V Ignition In	.+12 Volt Ign	10	4	GND	Battery -			Black	Black
	Blue			Cam Sensor	Cam Sensor	11	5	CAM Power	Cam Sens +			Red	
Blue	Blue			Crank Sensor	Crank Sensor	12	6	Crank Power	Crank Sens +			Red	Red
						Internal		1.15 Bar Alt Sensor	Optional Altitude				
					P2 - 10 Way Output							E62	
	Black/Red	N1		Injector Driver 1	HV Negative 1	6	1	HV Negative 2	Injector Driver 2		N2	Black/Purple	
	Black/Brown	N3		Injector Driver 3	HV Negative 3	7	2	HV Negative 4	Injector Driver 4		N4	Black/Orange	
	Black/Yellow	N5		Injector Driver 5	HV Negative 5	8	3	HV Negative 6	Injector Driver 6		N6	Black/White	
	Green	RPM		RPM Out	LV Negative 2	9	4	LV Negative 1	Relay Out		Relay	Blue/Black	
	Blue/White	N7	GP5	Idle Valve	HV Negative 7	10	5	HV Negative 8	Dual Idle	GP6	N8	Blue/Orange	
					P4 - 4 Way Serial							E65	
	Blue/Red	Led1	GP3	Anti-Lag	HV Negative 9	3	1	HV Negative 10		GP4	Led2	Blue/Grey	
	Red/Black	P5		Smart Coil5	LV Positive 5	4	2	LV Positive 6	Smart Coil6		P6	Red/Blue	
					P3 - 8 Way Output							E63	E64
E64	E63				LV Positive 1	5	1	LV Positive 2	Smart Coil2		P2	Red/Yellow	Red/Yellow
	Red/Orange	P3		Smart Coil3	LV Positive 3	6	2	LV Positive 4	Smart Coil4		P4	Red/Green	
Red	Red			Battery +	.+12 Volt In	7	3	.+12 Volt In	Battery +			Red	Red
	White	GP1	GP1	Cam 1	HV Negative 11	8	4	HV Negative 12	Cam2	GP2	GP2	Blue	
					6 Way USB							USB	P05-P3
P05-P3	USB				Tuning Pot	4	1	Dual Map Sw	RapidFire	FlatShift		N/C	Yellow
Green	N/C			Variable POT	Receive	5	2	Transmit				Green	Green
Yellow	Yellow				.+5 Volt Out	6	3	GND				Blue	Blue
Red	Red												

Note!! Coil and Injector numbers used here are firing phases from the ECU. It is not the firing order on your engine. Refer to the drawings for Phase to firing order comparison.

HV Negative 1 to 12 = Negative drivers 400 Volt 42 Amp Drivers
LV Positive 1 to 6 = Positive Drivers 28 Volt 12 Amp
LV Negative 1 to 2 = Negative Drivers 100 Volt 8 Amp
An optional 1.15 Bar Altitude sensor can be soldered onto board
Basic Coil = Coil without driver - 0.5 to 0.9 Ohm Primary winding - Charges with earth signal and discharges with open signal
Smart Coil = Coil with Built in driver - Charges with positive signal and discharges with earth signal which is provided by the driver and a pull down resistor
The PCB has selectable Jumpers for Magnetic and Hall sensors
The PCB has Solder Jumpers for Pull-Up Resistors for Water Air and RPM Output signals.