

Preferred Harness					8Cyl Lexus VVTi 4Coil 8Inj						Preferred Harness		
Wire Colors					Eezi6 ECU Layout						Wire Colors		
			Sim leds	Priority1					Priority1	Sim leds			
E6P1_3A	E6P1_2A	E6P1_1A			P1 - 12 Way Input						E6P1_1A	E6P1_2A	E6P1_3A
Red	Red	Red			Water Temp	7	1	Air Temp			Red	Yellow	Yellow
Red	Red	Red			Lambda	8	2	TPS			Blue	Blue	Blue
Red	Red	Red			.+5 Volt Out	9	3	MAP			Blue	Blue	Blue
Orange	Orange	Orange			.+12 Volt Ign	10	4	GND			Black	Black	Black
N/C	Blue	Yellow			CAM Sensor Home	11	5	GP Output 4 -	N/C		White	White	White
Blue	Blue	Green			Crank Sensor TDC	12	6				N/C	N/C	N/C
E6P2_3A	E6P2_2A	E6P2_1A			P2 - 10 Way Output						E6P2_1A	E6P2_2A	E6P2_3A
Red/Yellow	Red/Yellow	Red/Yellow	P2	Coil Drv 2	Combo Out 2 +/-	6	1	Combo Out 1 +/-	Coil Drv 1	P1	Red/White	Red/White	Red/White
Red/Green	Red/Green	Red/Green	P4	Coil Drv 4	Combo Out 4 +/-	7	2	Combo Out 3 +/-	Coil Drv 3	P3	Red/Orange	Red/Orange	Red/Orange
Blue	Blue	Blue		Cam	GP Output 3 -	8	3	GP Output 3 -	Cam		N/C	N/C	N/C
N/C	N/C	N/C	E Rel	N/C	Electronic Relay 5V +	9	4	Relay Output -		Relay	Blue/Red	Blue/Red	Blue/Red
Red	Red	Red			.+12 Volt In	10	5	.+12 Volt In			Red	Red	Red
		E6P3_1A			P3 - 8 Way Output						E6P3_1A		
		Black/Red	N6	Inj Drv 6	Negative Out 6 -	5	1	Negative Out 5 -	Inj Drv 5	N5	Black/Purple		
		Black/Brown	N4	Inj Drv 4	Negative Out 4 -	6	2	Negative Out 3 -	Inj Drv 3	N3	Black/Orange		
		Black/Yellow	N2	Inj Drv 2	Negative Out 2 -	7	3	Negative Out 1 -	Inj Drv 1	N1	Black/White		
		Green	RPM	Tacho	RPM Output -	8	4	GP Output 2 -	GP1(Fan)	GP2	Blue/Orange		
E6P4_3A	E6P4_2A	E6P4_1A			P4 - 6 Way In/Output						E6P4_1A	E6P4_2A	E6P4_3A
N/C	N/C	Blue		N/C	Fuel Sensor	4	1	GP Output 1 -	Intake Flap	GP1	Blue/White	Blue/White	Blue/White
N/C	Blue	Blue		N/C	POT	5	2	Altitude			Blue	Blue	Blue
Red	Red	Red			.+5 Volt Out	6	3	GND			Black	Black	Black
		E6P5_1A			P5 - 4 Way Output						E6P5_1A		
		Black/Yellow	N8	Inj Drv 8	Combo Out 8 -	3	1	Combo Out 7 -	Inj Drv 7	N7	Black/White		
						4	2						
		USB			Comms - 6 Way USB/Firm						USB		
		N/C				4	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.

Fuel Sensor & GP Output 1-	These 2 Features share the same pin on the Micro. You can only use one at a time.
Altitude & GP Output 2-	These 2 Features share the same pin on the Micro. You can only use one at a time.
POT & GP Output 3-	These 2 Features share the same pin on the Micro. You can only use one at a time. The two GP3 outputs are connected internally.
Cam Sensor Home & GP Output 4-	These 2 Features share the same pin on the Micro. You can only use one at a time.
Note!	You can only use one or the other and this is accompanied by solder jumpers on the PCB as well as drivers that must be installed.