

						12Cyl Lexus 1GZ											
Wire Colors		Software Selectable				Mercury2 ECU Layout				Software Selectable				Wire Colors			
		Sim leds	Priority3	Priority2	Priority1					Priority1	Priority2	Priority3	Sim leds				
M01-P1	MEX02-2					P1 - 12 Way Input								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			Coil Drv 6	P6 12 Volt	8	3	P5 12 Volt	Coil Drv 5			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			Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5			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	GP4		RPM out	RPM Out	8	4	GP1 Out			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			Cam 2	N8 Ground	3	1	N7 Ground	Cam 1			N7	White	Black/White		
Red/Yellow	Green	P8	GP3	Dual Idle	Micro Fuel	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump	Idle Valve	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.