

12Cyl Lexus 1GZ

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								
Yellow/Red	Yellow/Red					Water Temp	7	1	Air Temp		Yellow/Black			
Yellow/Green	Yellow/Green					Lambda	8	2	TPS		Green/Black			
Red	Red					.+5 Volt Out	9	3	MAP		Green Red			
Orange	Orange					.+12 Volt Ign	10	4	GND		Black			
	Blue					TDC Sensor	11	5	Cam2 Sensor		Red			
Blue	Blue					Crank Sensor	12	6	Cam1 Sensor		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			Coil Drv 6	P6 12 Volt	8	3	P5 12 Volt	Coil Drv 5		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			Inj Drv 6	N6 Ground	5	1	N5 Ground	Inj Drv 5		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		GP4	RPM out	N9 Ground	8	4	GP1 Out	GP1	Anti-Lag	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			Cam 2	N8 Ground	3	1	N7 Ground	Cam 1		N7	Blue/Grey	
	Red/Black	P8		GP3	Dual Idle	P8 12 Volt	4	2	P7 12 Volt	Fuel Pump	Idle Valve	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.