

Mercedes 722.6 5Sp

Wire Colors			Software Selectable		Mercury2 TCU Layout				Software Selectable		Wire Colors		
		Sim leds	Priority2	Priority1					Priority1	Priority2	Sim leds		
MTSX01/2	MTWX01/2				P1 - 12 Way							MTWX01/2	MTSX01/2
Green	Green			Oil Temp1K	Water Temp	7	1	Air Temp	Low Range			Yellow	Yellow
Blue	Blue			Shifter Switch	Lambda	8	2	TPS	TPS			Yellow	Blue
Red	Red				.+5 Volt Out	9	3	MAP				Blue	Blue
Orange	Orange				.+12 Volt Ign	10	4	GND				N/C	Black
Blue	Blue			Speed	TDC Sensor	11	5	Cam2 Sensor				N/C	N/C
Blue	Green			RPM	Crank Sensor	12	6	Cam1 Sensor				N/C	N/C
MTSX01/2	MTWX01/2				P2 - 10 Way Output							MTWX01/2	MTSX01/2
Red/Yellow	Red/Yellow	P2		Overdrive LED	P2 12 Volt	6	1	P1 12 Volt	2nd Start LED		P1	Red/White	Red/White
Red/Green	Red/Green	P4		Tiptronic LED	P4 12 Volt	7	2	P3 12 Volt	Lockup LED		P3	Red/Orange	Red/Orange
Red/Black	Red/Black	P6			P6 12 Volt	8	3	P5 12 Volt	Low Range LED		P5	Red/Blue	Red/Blue
N/C	N/C	E Rel			Electronic Relay	9	4	Relay Out	Relay 85		Relay	Blue/Red	Blue/Red
Red	Red				.+12 Volt In	10	5	.+12 Volt In				Red	Red
MTSX01/2	MTWX01/2				P3 - 8 Way Output							MTWX01/2	MTSX01/2
Black/Red	Black/Red	N6		Lockup Pressure	N6 Ground	5	1	N5 Ground	Line Pressure		N5	Black/Purple	Black/Purple
Black/Brown	Black/Brown	N4		Shift PS	N4 Ground	6	2	N3 Ground	3-4 Shift		N3	Black/Orange	Black/Orange
Black/Yellow	Black/Yellow	N2		2-3 Shift	N2 Ground	7	3	N1 Ground	1-2 / 4-5 Shift		N1	Black/White	Black/White
Green	Green	RPM		Speedo Out	RPM Out	8	4	GP1 Out	GP1		GP1	Blue/Orange	Blue/Orange
MTSX01/2	MTWX01/2				P4 - 6 Way In/Output							MTWX01/2	MTSX01/2
Blue	Blue			4 Map Switch	Fuel Sensor	4	1	GP2 Out	GP2		GP2	Blue/White	Blue/White
Red	Red	N7	Up Switch	Overdrive	POT	5	2	Altitude	Second Start	Down Switch	N8	Blue	Blue
Red	Red				.+5 Volt Out	6	3	GND				Black	Black
MTSX01/2	MTWX01/2				P5 - 4 Way Output							MTWX01/2	MTSX01/2
Blue	Blue			Retard	N8 Ground	3	1	N7 Ground	Starter Lockout			White	White
Green	Green	P8		Reverse Lights	P8 12 Volt	4	2	P7 12 Volt			P7	Yellow	Yellow
USB	USB				Comms - 6 Way USB/Firm							USB	USB
N/C	N/C				Programmer 2	4	1	Programmer 1				N/C	N/C
Yellow	Yellow				Receive	5	2	Transmit				Green	Green
Red	Red				.+5 Volt Out	6	3	GND				Blue	Blue

Firmware Program

Mercury2 TCU Advance Mercedes 722.6 Ver 3.3B

Firmware Class Advance

2 GP output available.

Only 2K oil temperature sensor selection is allowed. It is calibrated for a 1K NTC sensor.

When overdrive or second start is selected then the tiptronic buttons will be disabled and there functions changed to these functions.

Low range, Overdrive and Second Start could be used with different map selections without connections to the tranny or buttons.

Shifter	Gear allowed	Engine Brake	
P	1		
R	1		
N	1		
D	1,2,3,4,5		

Shifter	Gear allowed	Engine Brake
P	1	
R	1	
N	1	
4-D	1,2,3,4,5	3,4
3	1,2,3	
2	1,2	
1	1	