

AB60 A761E 6 Speed

Mercury2 Input / Outputs

Wire Colors		Firmware		Mercury2 Input / Outputs						Firmware		Wire Colors	
		Priority2	Priority1							Priority1	Priority2		
MTSX01/2	MTWX01/2			P1 - 12 Way Input								MTWX01/2	MTSX01/2
Green	Green		Oil Temp 3.5K	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		
				P2 - 10 Way Output								MTWX01/2	MTSX01/2
Red/Yellow	Red/Yellow		Shift 2	P2 12 Volt	6	1	P1 12 Volt	Shift 1		Red/White	Red/White		
Red/Green	Red/Green		Shift 4	P4 12 Volt	7	2	P3 12 Volt	Shift 3		Red/Orange	Red/Orange		
Red/Black	Red/Black		2nd Start LED	P6 12 Volt	8	3	P5 12 Volt	SR Shift		Red/Blue	Red/Blue		
N/C	N/C			Electronic Relay	9	4	Relay Out			Blue/Red	Blue/Red		
Red	Red			.+12 Volt In	10	5	.+12 Volt In			Red	Red		
				P3 - 8 Way Output								MTWX01/2	MTSX01/2
Black/Red	Black/Red		Retard	N6 Ground	5	1	N5 Ground	SL2 Pres		Black/Purple	Black/Purple		
Black/Brown	Black/Brown		SL1 Pres	N4 Ground	6	2	N3 Ground	Low Range LED		Black/Orange	Black/Orange		
Black/Yellow	Black/Yellow		SLU Lockup Pres	N2 Ground	7	3	N1 Ground	SLT Line Pres		Black/White	Black/White		
Green	Green		Speedo Out	RPM Out	8	4	GP1 Out	GP1		Blue/Orange	Blue/Orange		
				P4 - 6 Way In/Output								MTWX01/2	MTSX01/2
Blue	Blue		4 Map Switch	Fuel Sensor	4	1	GP2 Out	GP2	Tiptronic LED	Blue/White	Blue/White		
Red	Red	Up Switch	Overdrive	POT	5	2	Altitude	Second Start	Down Switch	Blue	Blue		
Red	Red			.+5 Volt Out	6	3	GND			Black	Black		
				P5 - 4 Way Output								MTWX01/2	MTSX01/2
Blue	Blue		Overdrive LED	N8 Ground	3	1	N7 Ground	Starter Lockout		White	White		
Green	Green		Reverse Lights	P8 12 Volt	4	2	P7 12 Volt	Lockup LED		Yellow	Yellow		
				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 AdvanceAB60 A761E Ver 3.3

Firmware Cl:Advance

2 GP output available.

Only 2K oil temperature sensor selection is allowed. It is calibrated for a 3.5K 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 Break

P	1	
R	1	
N	1	
D	1,2,3,4,5,6	