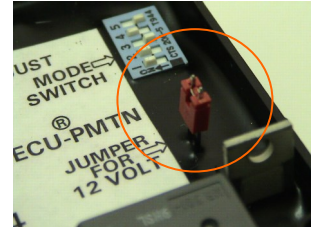


# Adjusting an *ECU*® PMTN

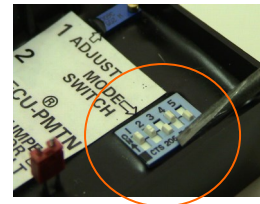
## Voltage Selection Jumper

The PMTN has a built in adjustable regulator however in order to add more reliability to the unit a jumper was added to the design to allow for better thermal characteristics at 24VDC operation. Remove the jumper for 24VDC operation and install it for 12VDC operation.

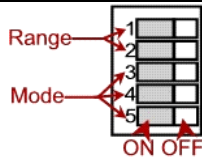


Jumper ON	Jumper OFF
12 Volt Operation	24 Volt Operation

Adjust the Jumpers as shown in the table to achieve the proper operation. A common trick with this unit is to set using higher speeds then use the long range to multiply the time. Refer to the manual for good programming advice.



OPERATING MODE	SW1	SW2	SW3
Cool Down Timer	OFF	OFF	ON
Warm Up Timer	ON	ON	ON
Rack Timer	OFF	OFF	ON
Full Throttle Timer	ON	ON	ON
Delay On Make Timer	ON	ON	ON
Delay On Release Timer	OFF	OFF	ON
Delay On Start Timer	ON	ON	ON
Crank Cycle Timer	ON	OFF	OFF
Flasher Timer On-Off-On	ON	OFF	OFF
Flasher Timer Off-On-Off	ON	ON	OFF
Shutdown Solenoid Timer	OFF	OFF	ON
One Shot Timer	ON	OFF	ON
Cranking Limit Timer	ON	ON	ON



TIME RANGE	SW4	SW5
0-9 sec	OFF	ON
0-35 sec	ON	OFF
0-4.7 min	ON	ON
0-30 min	OFF	OFF