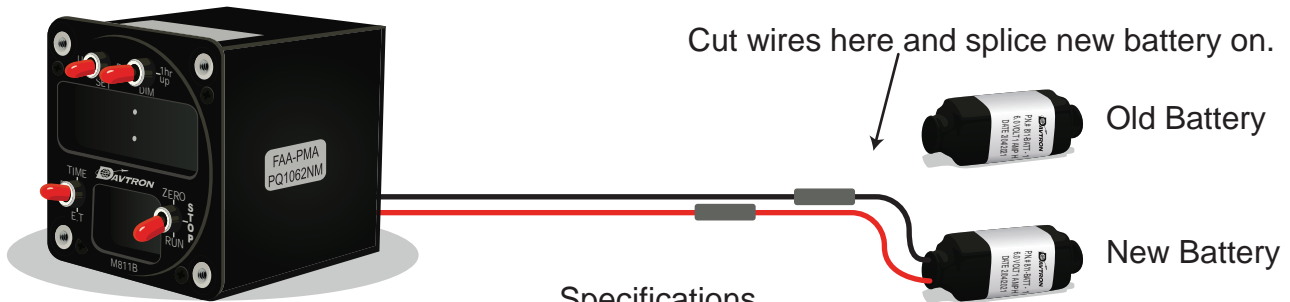


**FIGURE 1****Specifications**

Part Number	=	811-BATT-1
Battery Voltage	=	6 VDC
Battery Capacity	=	1 Amp/Hour
Polarity	=	Red wire positive
	=	Black wire ground
Battery Type	=	Alkaline

**Alternate Battery Pack**

If you are unable to obtain a 811-BATT-1 battery, a suitable battery pack can be constructed by combining four AA or AAA alkaline batteries in series to provide a pack of 6 VDC

**811 BATTERY REPLACEMENT**

The model 811B clock memory is maintained by an alkaline battery of 6 VDC and capacity of 1 amp/hour. It is recommended that this battery be changed every two years.

The 811B will perform erratically when the memory battery voltage drops below 4 VDC. Two symptoms of low battery voltage are: (1) Failure to keep time and (2) unable to reset flight time.

**EXCHANGE PROCEDURE**

1. Cut old battery leads as shown in figure one.
2. Attach new battery leads by using butt splices or by soldering. CAUTION: Do not short red or black wires together on the battery or battery life will be shortened.
3. Attach new battery at plus or minus five minutes of the hour as the clock should start at 00 minutes 00 seconds when battery is attached. This eliminates holding the Set switch on the clock for more than five minutes. It is possible on initial battery hookup for the clock to display illegal numbers or have some digits blank. An example of an illegal number would be a three digit in the tens of hours or a seven digit in the tens of minutes. In the elapsed or flight time modes this condition can be corrected by resetting each channel with the Zero switch. In the time mode cycling the One Hour Up switch will correct the hours digits. However, if the minutes have illegal numbers the clock cannot be corrected by the operator. The clock will correct itself by counting up through the illegal number. After the clock corrects itself, hold the Set switch in either the Up or Down position to bring the minutes on the clock into agreement with GMT minutes.