

# DOUG'S TECH NOTES

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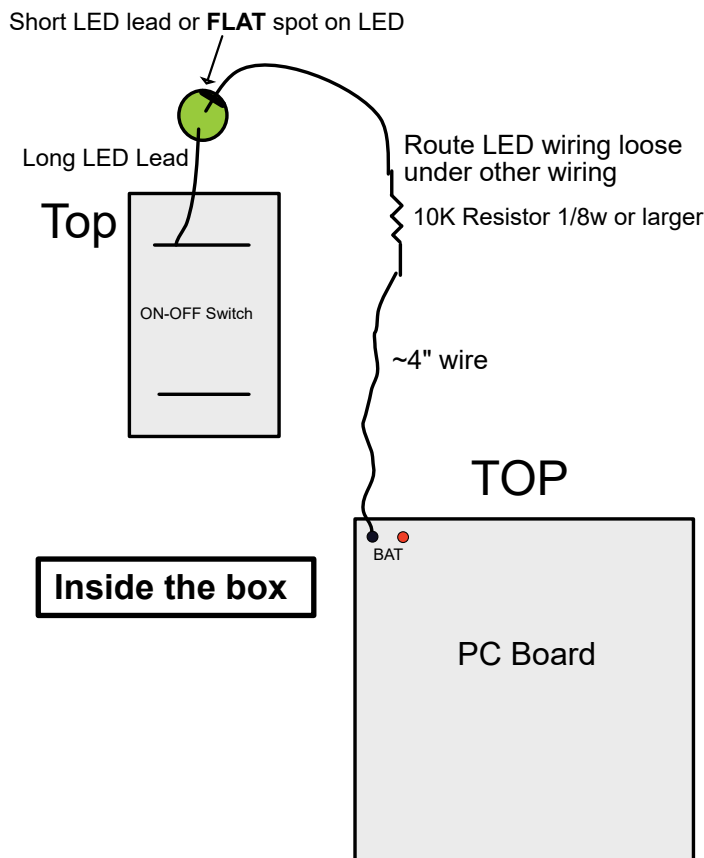
## Install Flashing "ON" LED

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Instructions: Drill a 4.85mm hole with the #11 bit I provided 3/16 up from the switch, on center with the on off switch. It is important to be no more than 3/16" up or you will drill into a plastic mounting boss. Center punch the hole. Drill down **SLOWLY from the OUTSIDE of the box** to lessen the damage to the top panel.

From the inside the box press the LED into the hole aligning the long LED wire with the top switch connection. The 5mm LED fits snugly into a #11 (4.85mm) hole. Press in with a screwdriver if necessary. If the hole is too tight **SLIGHTLY** enlarge the hole using the drill bit. Use a black Magic Marker to cover up any chipping.

Solder the long LED wire on the LED to the top connector of the switch.  
Solder a 10K resistor to the short LED wire (flat spot on LED).  
Solder a short length of wire (4") to the other end of the resistor.  
Solder that wire to the battery terminal on PCB where the battery pack black wire connects.  
That's it.



Drill 4.53mm Hole. Drill down from the outside of the box.

