This guide is for installing the FI jetpack beacon light kit. The kit comes as shown in the picture below and it includes: 1 control box, 1 warm white LED, and 1 3d printed LED diffuser.
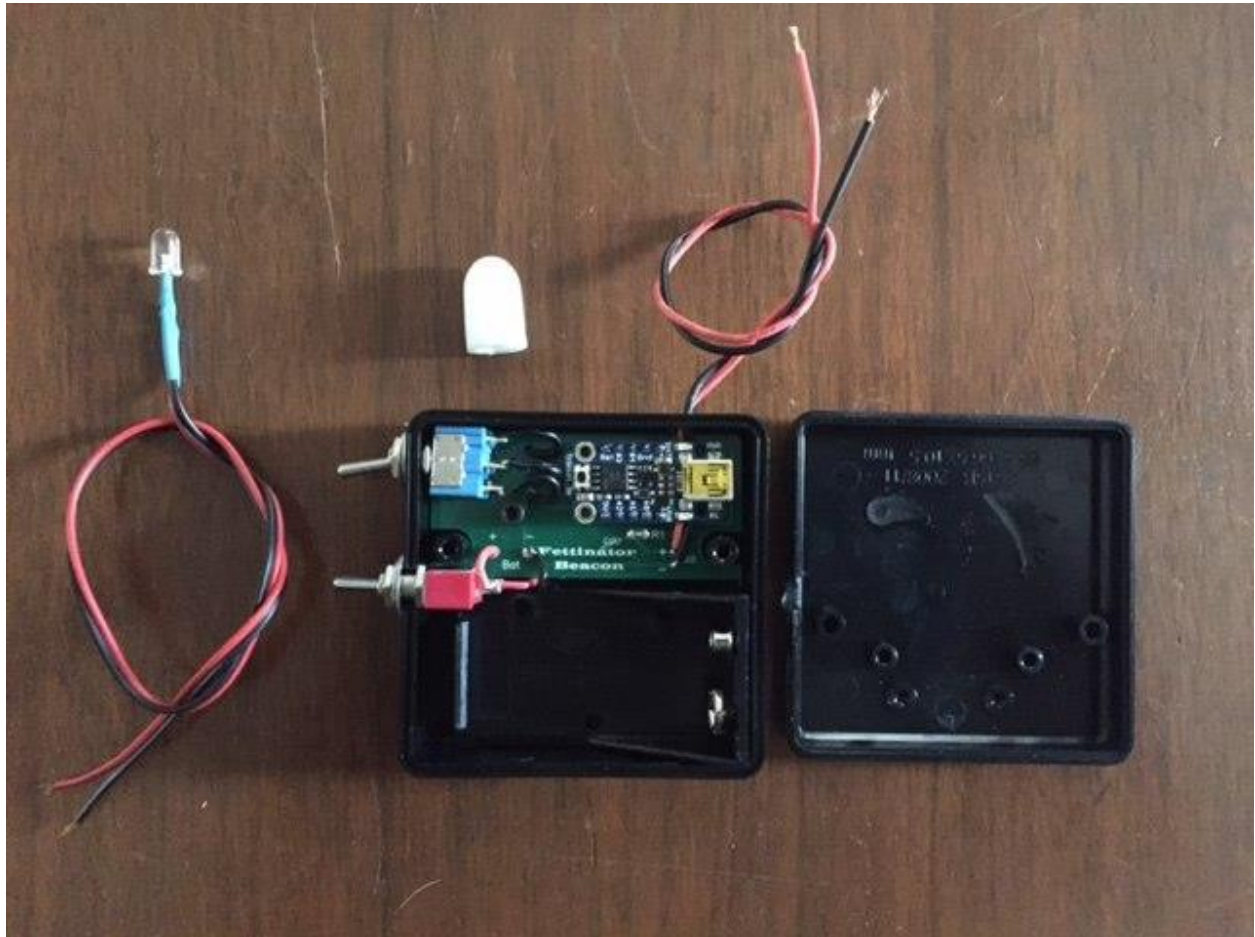
Operation

The jetpack beacon uses a 9v battery, it has an on/off switch (the one in the middle) and a mode selector switch (the 3-way switch on the top). The modes are on, blink, and fade.

All that is needed for the kit to work is to insert a 9v battery (ensure the polarity is correct by making sure it connects to the battery holder correctly). Connect the wires from the control box to the same colored wires from the LED (the color of the wires is usually Black and Red, but depending on what wire I have on hand, the colors could change).

Once the LED is connected and the battery is installed, flip the center toggle switch to the down position (there is a small green LED on the micro controller that will light up when the board is powered on). After a few seconds, the beacon LED should light.

The kit has 3 modes for the LED: on, blink, and fade. The 3-way toggle switch at the top of the control board changes the LED depending on its position. The switch has 3 positions: left center and right (when looking straight at the switch from the side of the control box).

When the switch is in the center position the LED is on.

When the switch is in the right position the LED will blink.

When the switch is in the left position the LED will fade on and off.