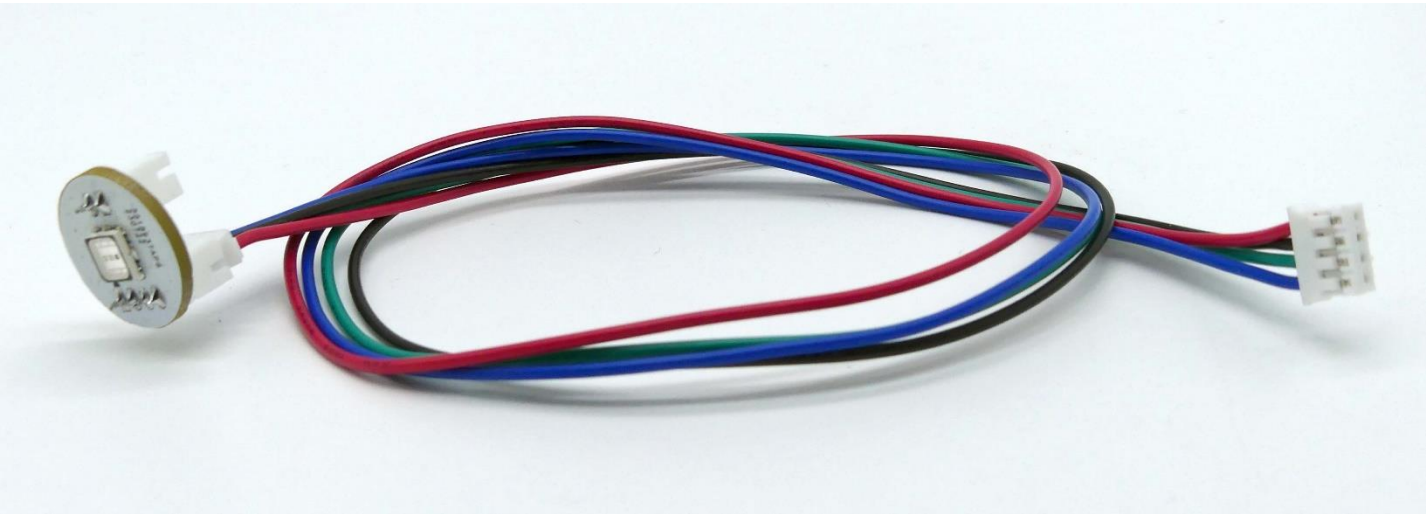
Congratulations on purchasing the Spirit Halloween Life-Size Brighter Wand Tip assembly that replaces the RGB LED that comes with the GBFans Wand Lights kit.

Contents:



#1 Wand Tip circuit board assembly with high power RGB LED
#2 4 wire connection cable to go between the circuit board and the GBFans Wand Lights kit (GBFans parts not included)
#3 The circuit board assembly does also have a 2-pin connector. This is only used to help hold the circuit board in place and is not intended to have a cable plugged into it.

Opening up the wand:

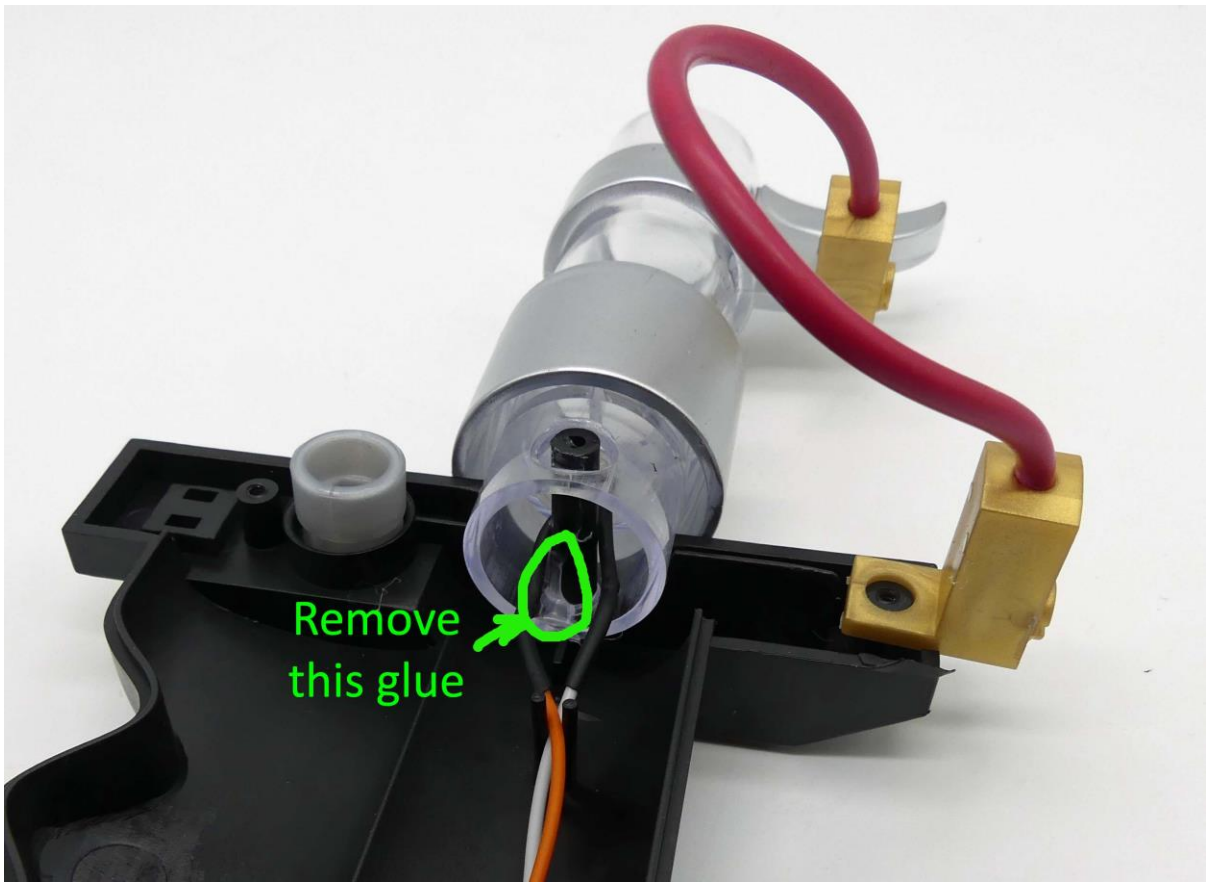
You will need to open up the wand, remove the clear wand tube and remove the LED that may be glued to the tube. Then you can add the new Brighter Wand Tip assembly, dress the wires, attach to the GBFans Wand Lights board (not included), and then put the wand back together.

To open up the wand, you need to remove 8 Philips head screws:



There is a label that goes across the two main wand plastic pieces, and it will tear if you just pull these pieces apart. I tried to peel the sticker off first but that did not work well for me at all! I suggest you take a razor blade or Xacto knife and cut through the sticker along the seam so that the two pieces can separate nicely with minimal impact to the sticker. It also depends on exactly where the label is placed. I was able to open up the last wand and was able to separate out the opposite side (opposite this label) and then gently separate the two halves – the label was close enough to the seam that it detached without ripping.

Next you want to remove the glue that may be holding the wand tube in place:



I used a dental pic to remove the glue:



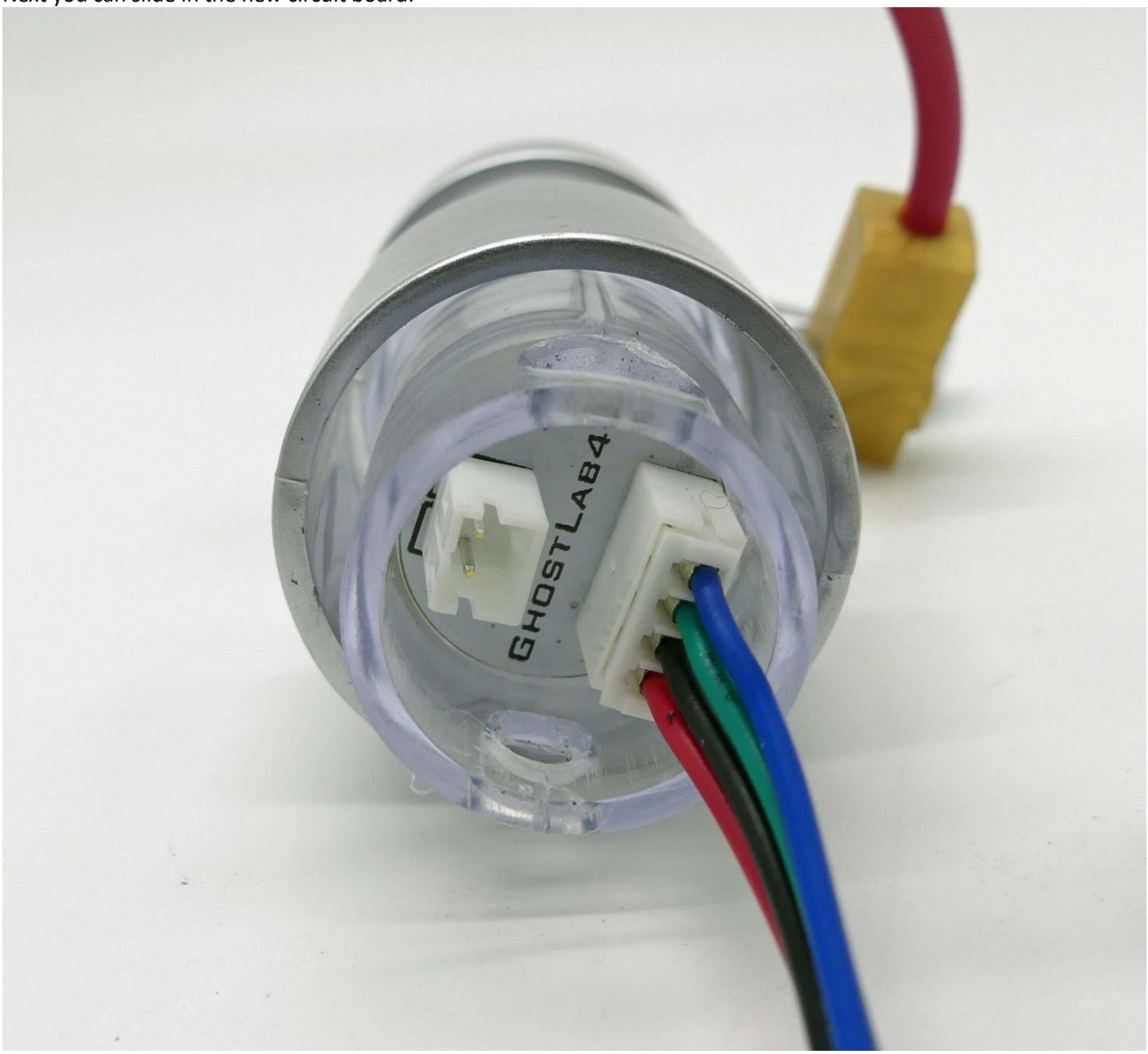
Carefully lift the tube straight up off the black post. Try not to twist it too much as that may crack the end of the wand tube (experience talking here).

The LED may also be glued into the end of the wand tube. Try and remove the glue if the LED does not pull out with a gentle pull.

You should end up with the wand tube and wand bottom pieces separated and the previous LED and its wires removed.

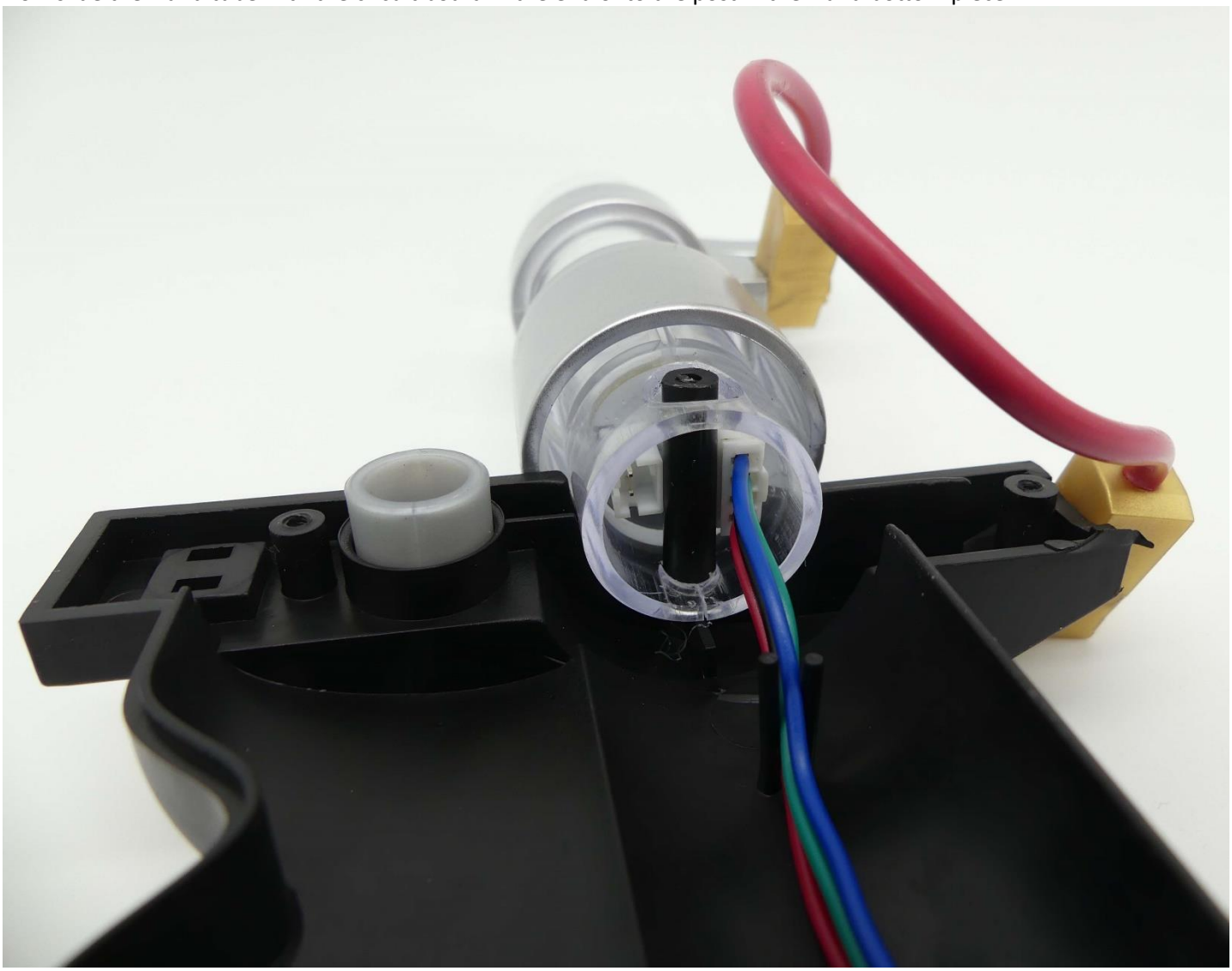


Next you can slide in the new circuit board:



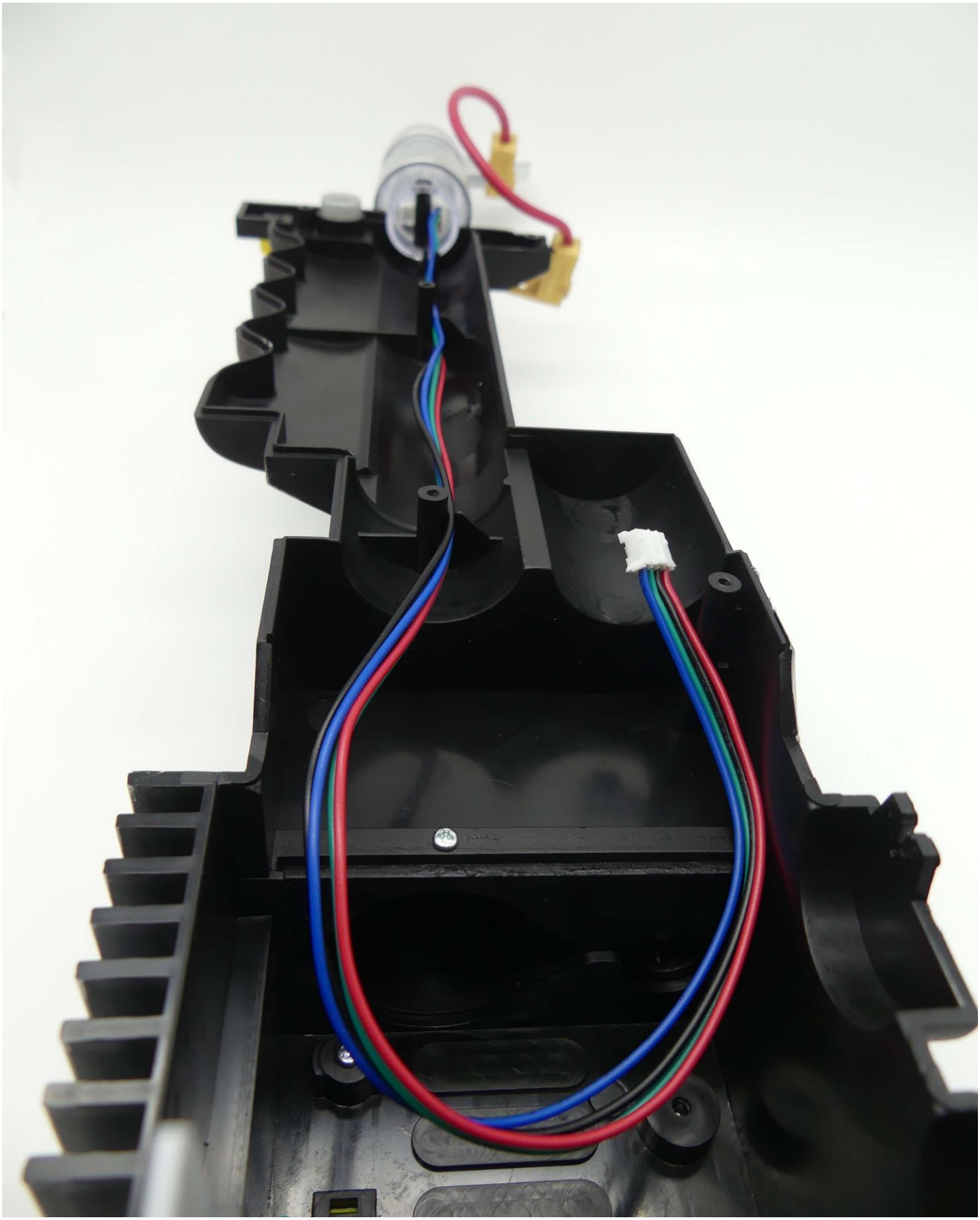
The alignment is critical for easy re-installation. The cable should come out as shown in the above image. You should also be able to see that the post can go between the two holes at the end of the tube between the two connectors on the circuit board.

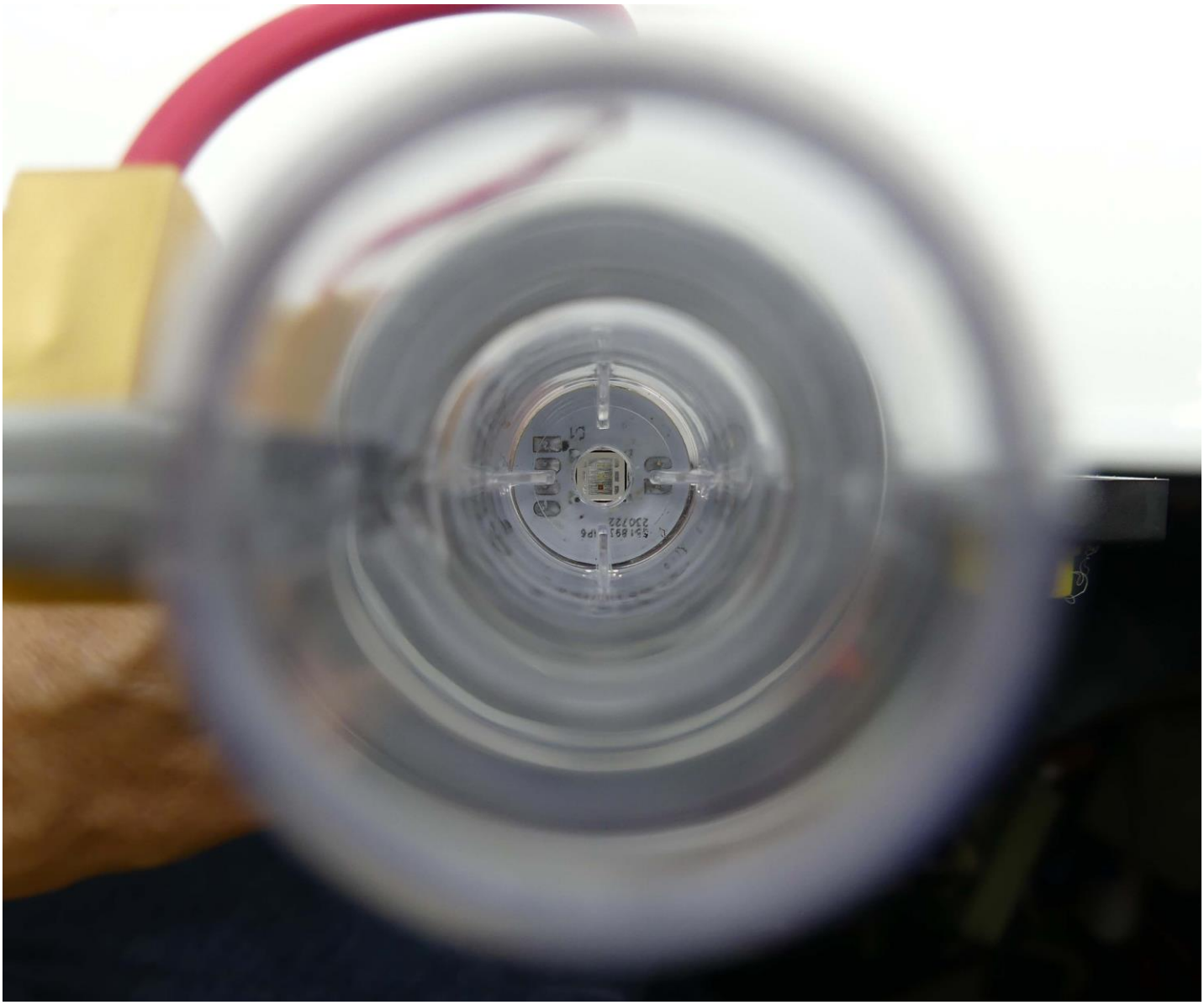
Now slide the wand tube with the circuit board in the end onto the post in the wand bottom piece:



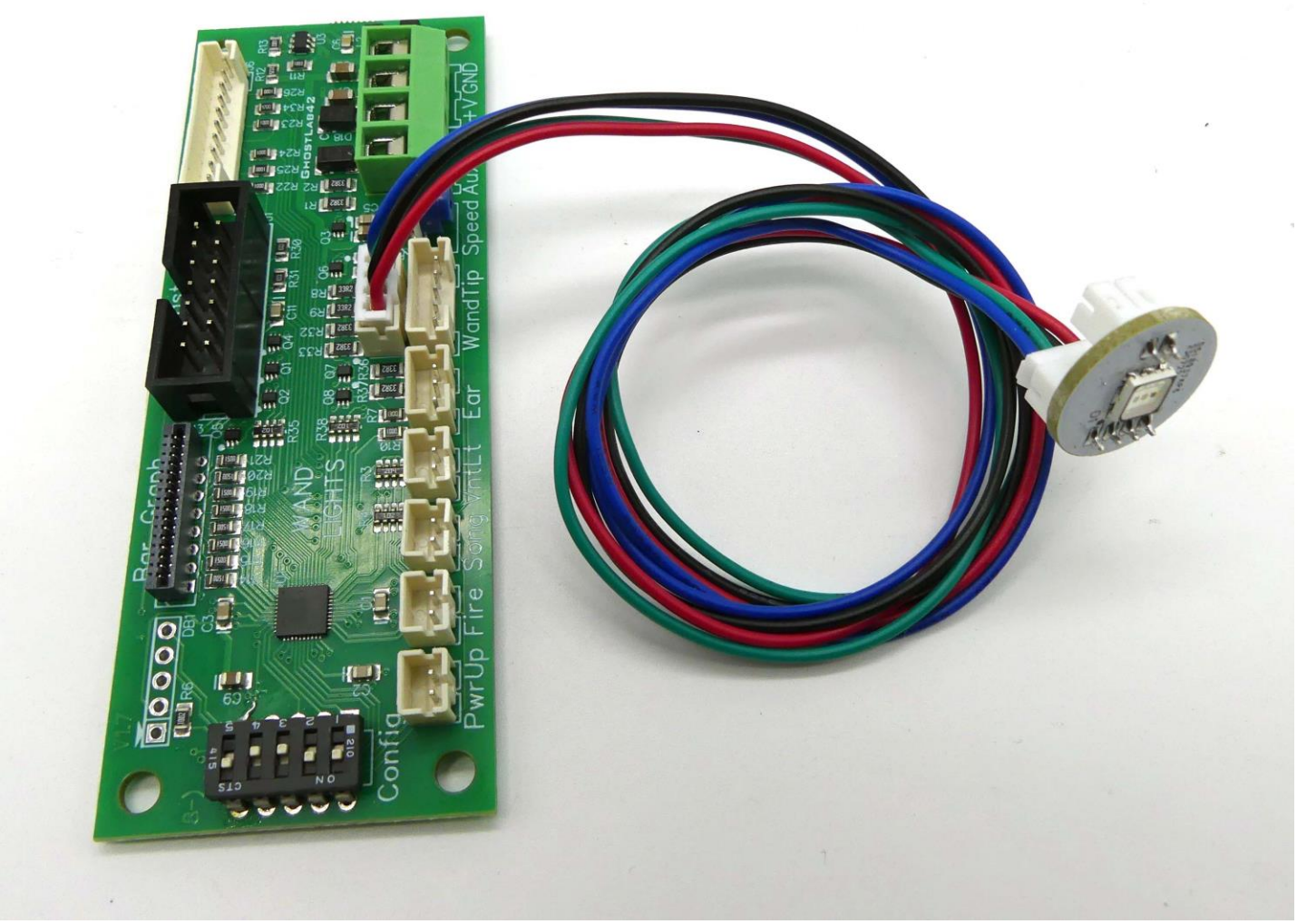
You should also dress the wires into the plastic slots that were used by the previous wires.

If desired, you can also put a dab of hot glue on the ends of the tabs so that the wires do not easily fall out of the slots. This is mainly so that when you put the two wand halves back together you do not accidentally crush one of the wires.





You should now plug the end of the cable into the wand lights board's 4-pin Wand Tip connector. The Wand tip cable that comes with the GBFans wand Lights kit uses the 5 pin Wand Tip connector and the 4-pin connector above the 5-pin connector should be empty. You can have both at the same time, though I am not sure where you would want the original LED to be mounted.



Putting the wand back together:

Make sure the various side knobs are back in place (if they fell out or you purposefully took them out) and then carefully align and press the two halves back together while making sure no wires are going to be pinched between the two pieces. Once back together, screw back in the 8 screws that you removed to take the wand apart.

Congratulations, you now have a brighter wand tip to show off while capturing those pesky ghosts!