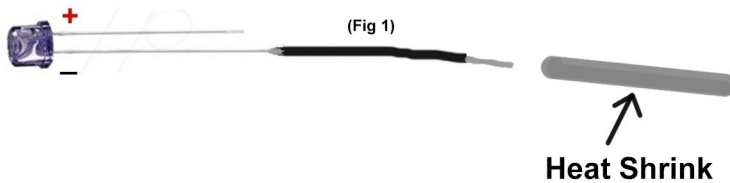


Wiring up the 3 LED's

Step 1)

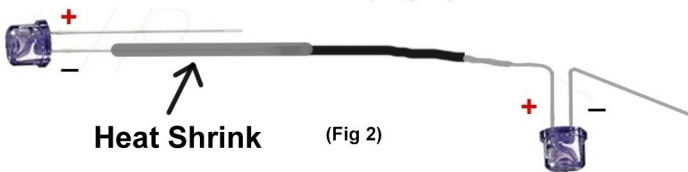
Solder the shorter Black wire to the Long terminal on the LED as shown in (Fig 1)

Then Slide 1 of the 1.5mm Heat Shrink over the end of the wire and heat it so it shrinks.



Step 2)

Solder The other end of the wire to the shorter terminal on the LED as shown in (Fig 2)

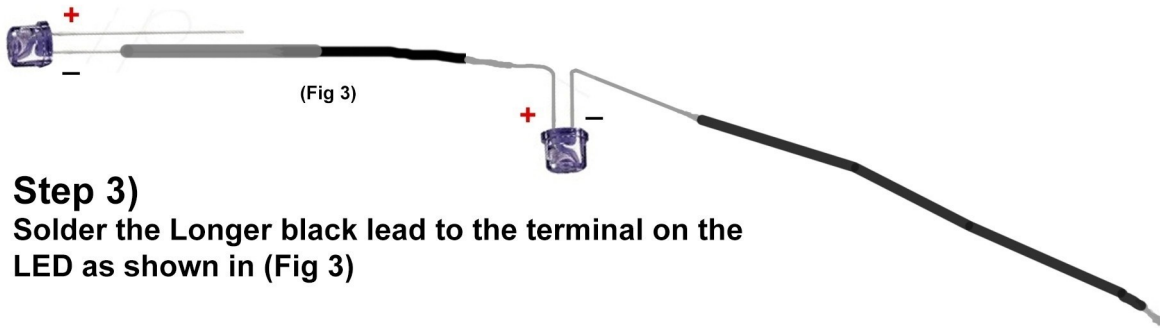


1

Before You Start Please Check Parts List

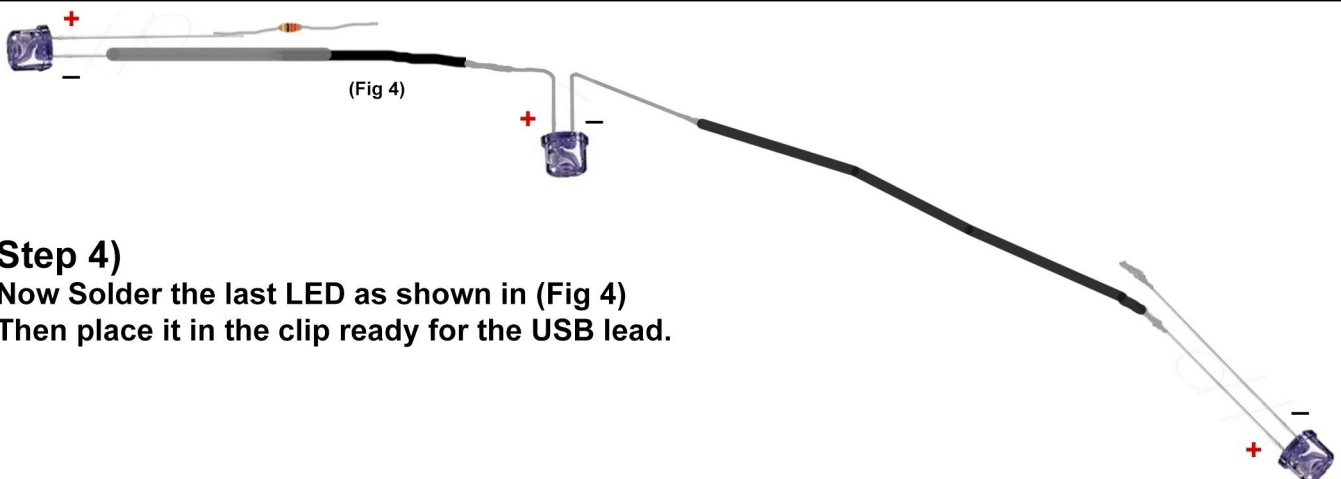
- 3 x LED's
- 2 x Wires
- 1 x Resistor
- 2 x 1.5mm Heat Shrink
- 2 x 15mm Heat Shrink
- 3 x 10mm Heat Shrink
- 2 x Cable ties
- 1 x Head Clip
- 1 x Head Clip Back plate
- 1 x 2 meter USB Cable
- 1 x Instructions

Red or **Black** Wires may be included depending on stock



Step 3)

Solder the Longer black lead to the terminal on the LED as shown in (Fig 3)



Step 4)

Now Solder the last LED as shown in (Fig 4)
Then place it in the clip ready for the USB lead.

Wiring up the 3 LED's Part 2

insert the LED's and wires into the clip.

Take note of the LED Direction and that the shorter + are on the top pin.

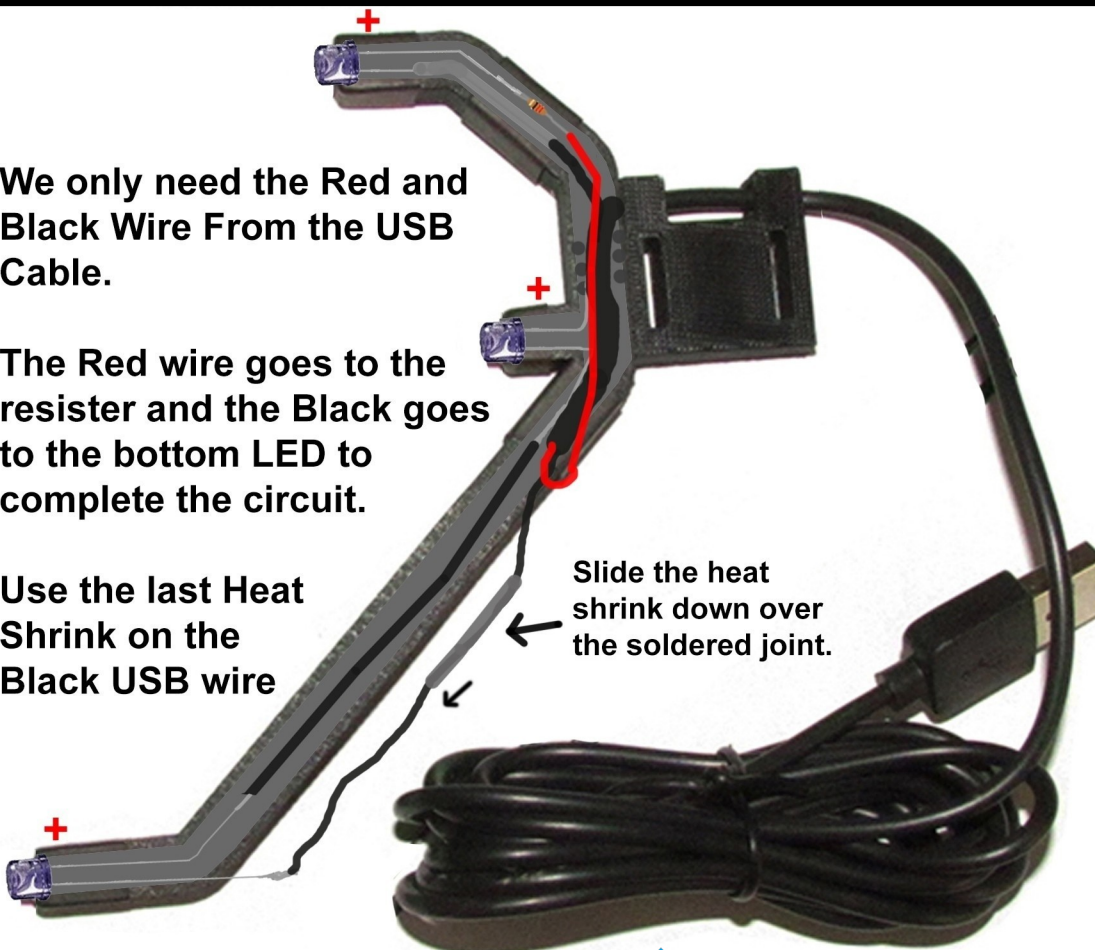


We only need the Red and Black Wire From the USB Cable.

The Red wire goes to the resistor and the Black goes to the bottom LED to complete the circuit.

Use the last Heat Shrink on the Black USB wire

Slide the heat shrink down over the soldered joint.



At this stage its best to run the software from the website.

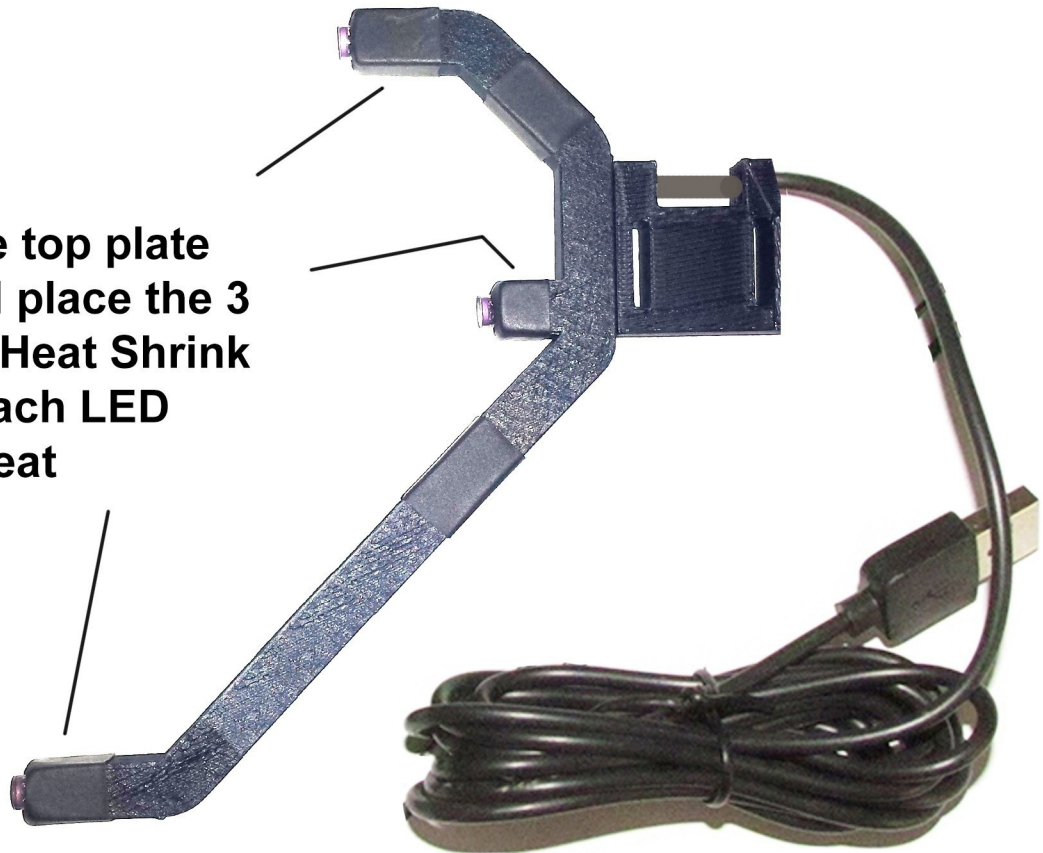
Its best to use a USB Mains Wall adapter to power the Clip as we are not sending any data, So any USB 5v power will work, Even A USB Battery Power Pack will work with the clip.

When you are happy that all 3 LED's are working continue to finish the head tracker.

Wiring up the 3 LED's Part 3

Don't Heat the plastic to much as it will melt.

**Put the top plate
on and place the 3
10mm Heat Shrink
over each LED
then heat**



**Now Use the last
Heat Shrink the
15mm as shown on
the left**

