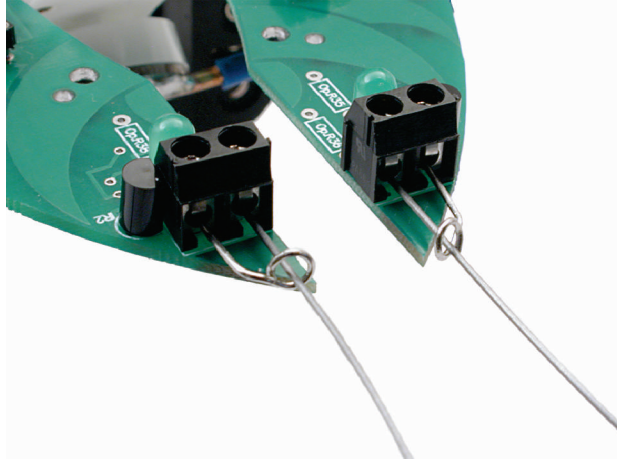


### **Step 31 - Preparing Front Sensors:**

We're using a tried-and-true method for tactile sensors, the wire and loop technique. It's pretty easy, and open to tweak and tuning. Start by folding your paperclip into the shape shown. Dimensions are not too critical, but make the loop approximately the same diameter as the inside loop of the paperclip.



### **Step 32 - Installing the Sensors:**

Secure the loops into the outer-most positions.

Before installing the whiskers, pinch the wire between your thumb and forefinger, and run it through your fingers with some bend, so it has a smooth curve (or don't - make it angular if you want to try something different!).

Mount the whiskers through the wire loop, and secure it to the terminal block.

**Here's the important part:** Align the loop around the whisker so it's centered. It'll trigger the turn response when the whisker is bent and touches the loop.