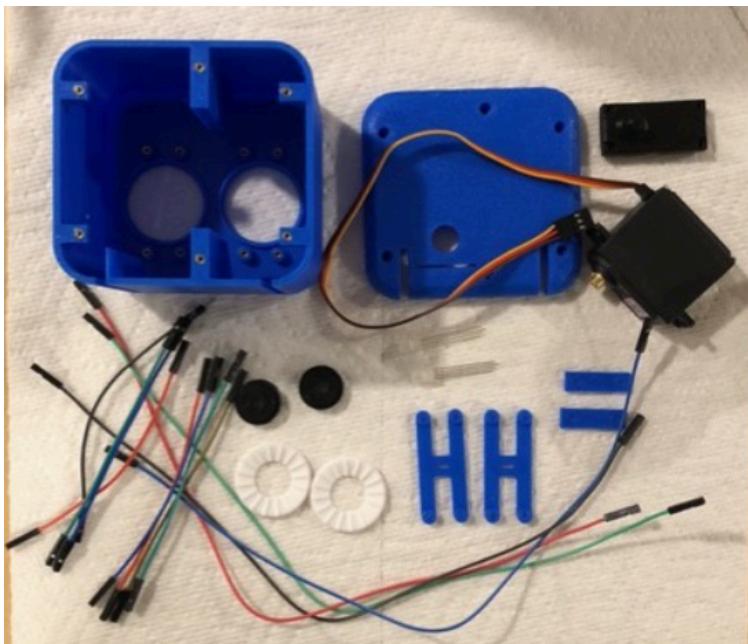
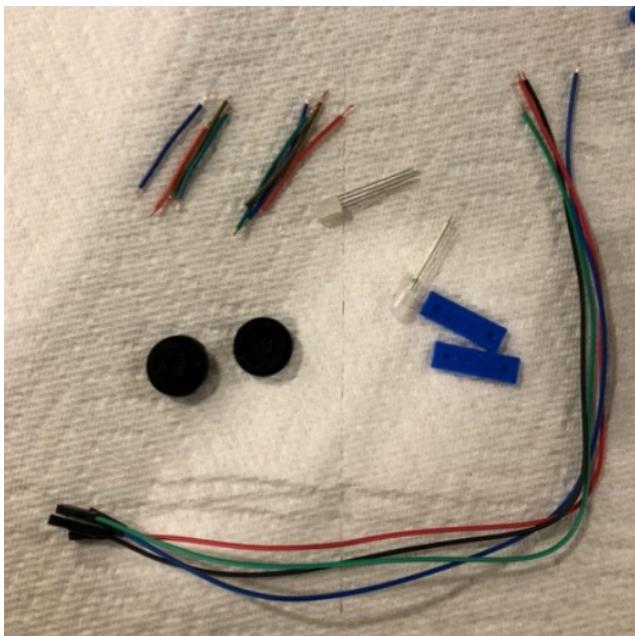


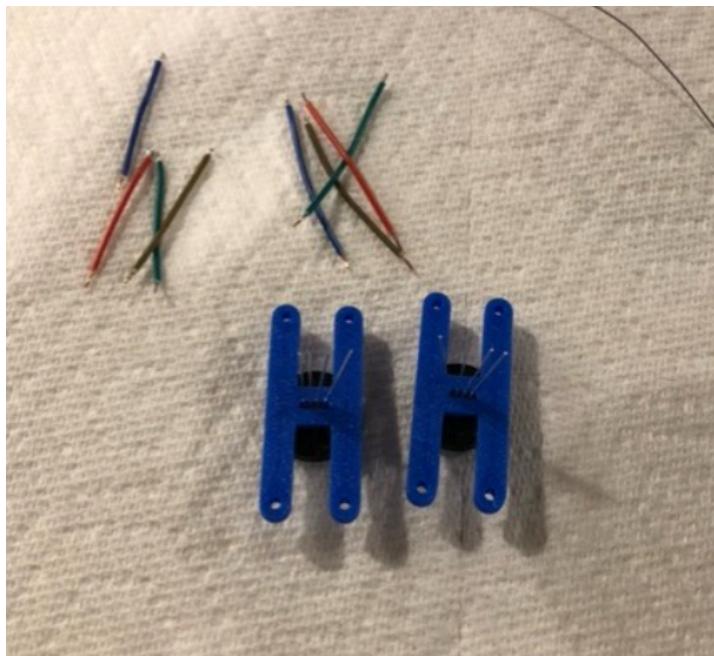
LWP head build instructions



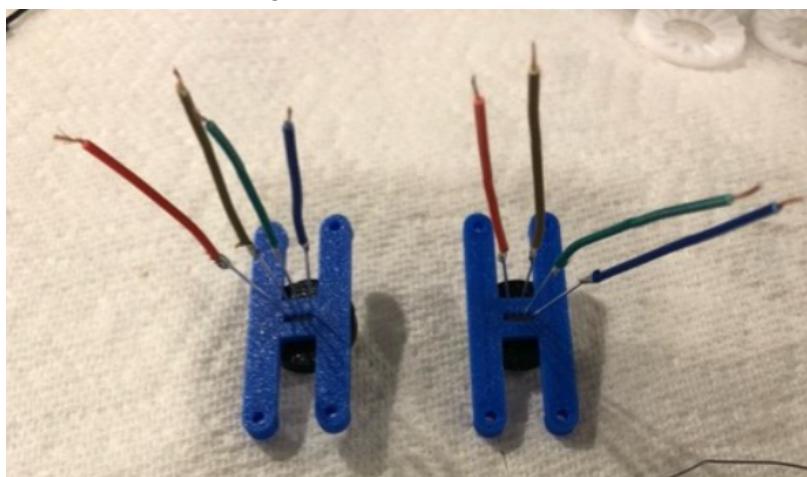
Head components, eye led holders (black), iris (white), two head led holder downers. One head, one head back plate, head back plate wire holder downer, servo, servo axel back plate, led, jumper wires.



Make two sets of short wires stripped and ready to be soldered, and one set of the longest jumper wires stripped at one end.



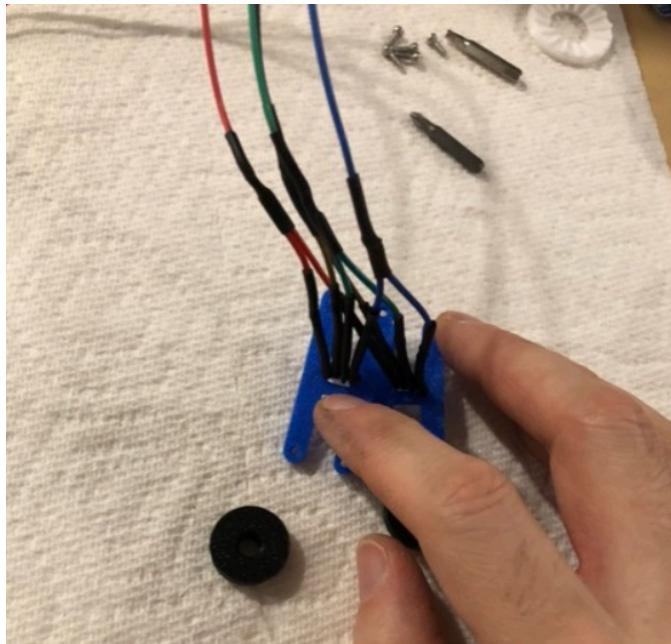
Slide led leads through the led holder downer (blue H pieces) before soldering wire.



Solder wires to led leads.



Heat shrink



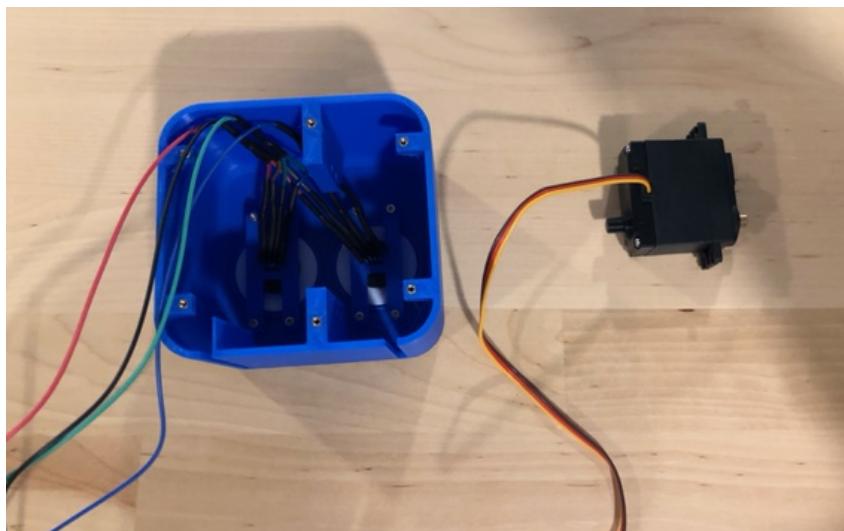
Solder each respective wire to its corresponding long wire.



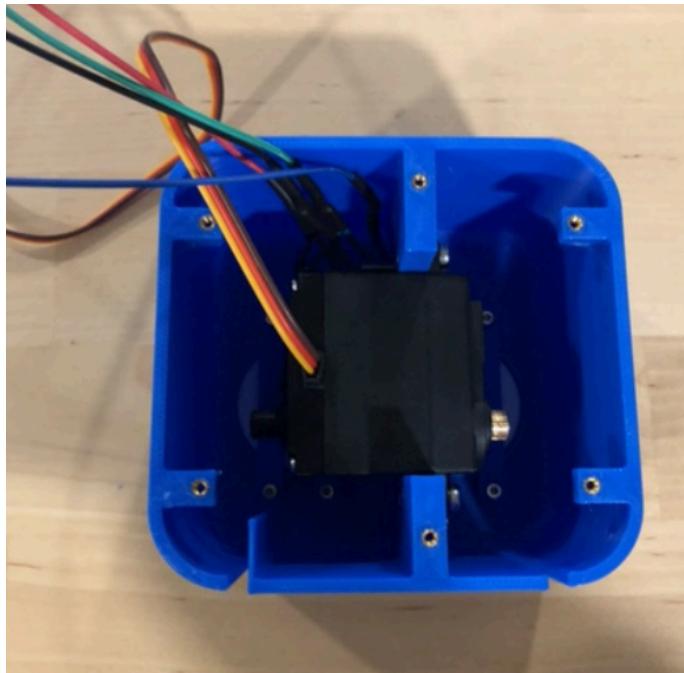
Place irises, eye led holder, and led/led holder downer into head and fix in place. Move wires over to the left and push forward as pictured.



Front should look like this.



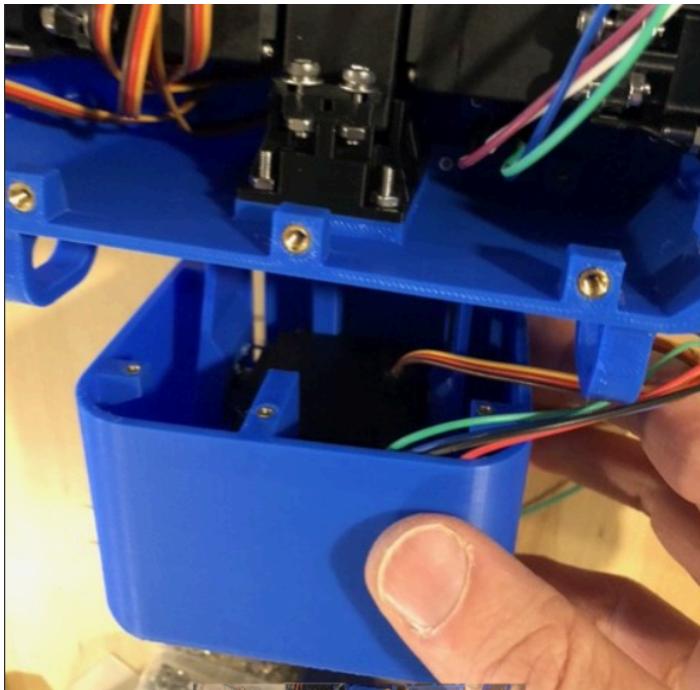
Servo oriented in relation to how its installed in the head.



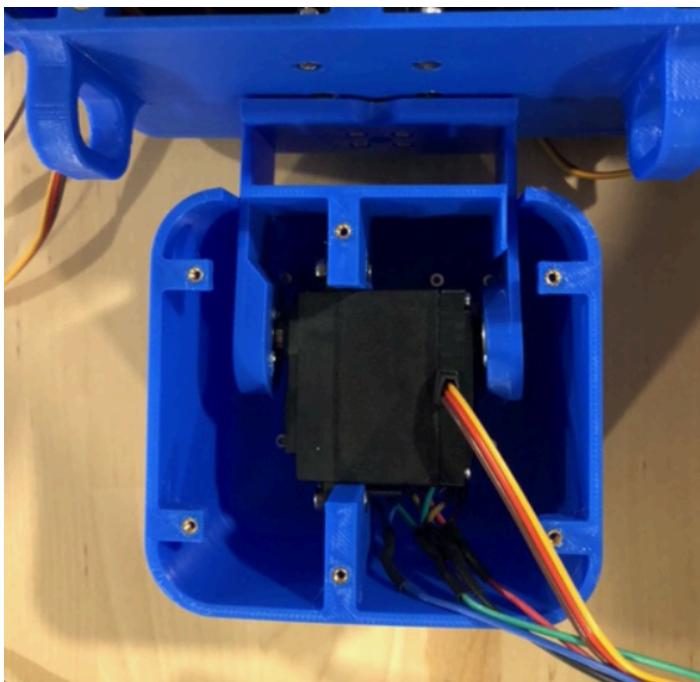
Servo installed in head.



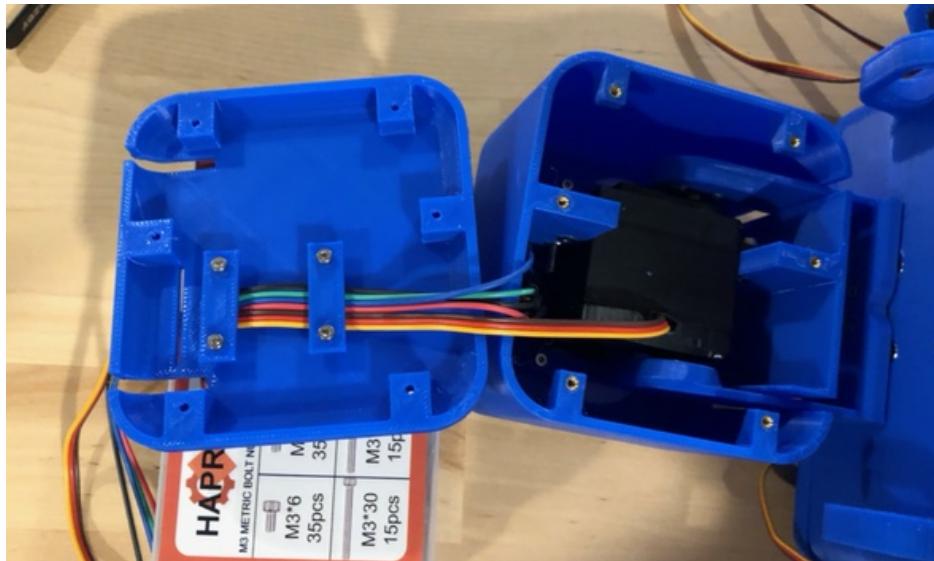
Install servo disk and bearing on neck piece.



This is a tricky part. Slide head over neck piece with head oriented vertically (looking straight up). Slide axle into bearing and be sure to keep the spline out of the servo disk spline receiver. You'll then want to rotate the head to a neutral (straight forward looking position) before pressing the servo spline into the servo disc spline receiver.



Head oriented forward in neutral position.



Route led wires and servo wires through the exit hole in the head back plate and attach the wire holder downers as pictured. Rotate head back plate over opening of head and insert screws