
How to build a moving Jaw

Built by Wolves for Wolves

By <http://www.wolftronix.com/mjaw/index.html>

Step 1. Obtain parts

You will need the following:

1 Taxidermy jaw set

1 Taxidermy nose

3 small wood screws

2 small extension springs

1 syringe of 2 part epoxy (metal/plastic)

1 Dremel tool, with universal cutting disc bit, and sanding drum bit, and drill bit sized accordingly for screws

1 box of paperclips

1 soldering iron and solder

1 pair of pliers/cutters

4 hours of free time, plus or minus depending on your abilities

Step 2. Forming the jaw set

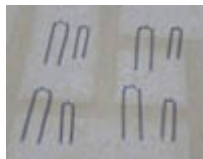
Step 2.0 Using the Dremel tool with the cutting disc, shape the jaw set to your upper and lower mouth



Step 2.1 Using the Dremel tool with the sanding drum to sand the edges you cut

Step 3. Solder anchors

Step 3.0 Cut up some paper clips as shown



Step 3.1 Mix up some of the 2 part epoxy (follow instruction on syringe)

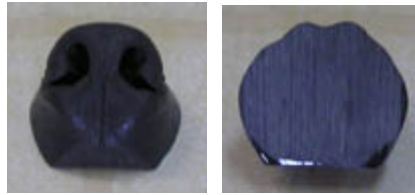
Step 3.2 Fill in the voids and add paperclips as shown



Step 3.3 Let the epoxy set...

Step 4. Nose preparation

Step 4.0 While waiting for the epoxy to set, work on the nose



Step 4.1 Using the Dremel tool drill 3 holes in the back side of the nose

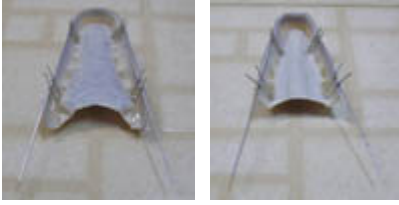


Step 4.2 Put in the 3 screws, and then bend a paperclip around them, solder ends as shown

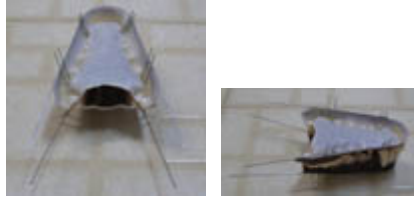


Step 5. Framing

Step 5.0 Solder on two paperclips to the top and bottom anchors as shown



Step 5.1 Bend the paperclips such that they intersect



Step 5.2 Bend the paperclips such that they don't touch your face

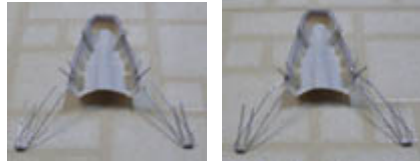


Step 6. Hinges

Step 6.0 Take two paperclips and bend them around another, one clock wise, the other counter-clock wise



Step 6.1 Insert a paperclip into the coil and bend it forming a joint, then solder it to frame, to form a hinge



Step 6.2 Bend in the paperclips on the hinge and solder them to the frame, keep the axis of the hinge parallel to the other one as shown



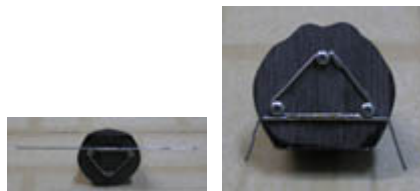
Step 7. Springs

Step 7.0 Solder in a cross members to hold the spring, you want to have a little bit of tension on it



Step 8. Nose installation

Step 8.0 Solder a paperclip to the nose, and bend as shown



Step 8.1 Center the nose and solder it in place



Step 8.2 Center the nose and solder it in place as shown



Step 9. Chin bar

Step 9.0 Bend a paperclip to make bar for your chin to hit, solder it such that when your mouth is closed, your chin touches the bar (this is what makes the jaw move when you talk)



Step 9.1 Solder in some reinforcement paperclips and your ready to build it out with foam, or plastic mesh, then just add fur



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