

## Cyberpunk Pistol Assembly Instructions

Thank you for choosing this template! I have tried to make each step in the instructions as clear as possible, but if you have any questions regarding the template or the assembly process, just message me through Etsy or e-mail me directly at [aethonsarmory@gmail.com](mailto:aethonsarmory@gmail.com) & I will do my best to help.

To make the pistol for this tutorial I used TNT Cosplay foam, but you can use SKS Props HD Foam or cosplay foam from big box craft stores.

The big box store foam is easy to find but costs a bit more. The cosplay foam is easier to cut, sand, and assemble, but must be shipped to you.

The finished pistol you will see at the end of this tutorial is made from TNT cosplay foam.

You will need:

- One roll of 6 mm Cosplay foam
- One 8.5" x 11" sheet of 2 mm thick craft foam for the details
- A heat gun to shape & seal the foam (optional)
- A craft knife to cut the foam
- Contact cement to glue it together (and a tube of Super Glue for touch ups)

A leather hole punch or drill bit is helpful, but not necessary for making some of the tiny details.

Before you cut any foam, let's make sure the pistol template is the right size for you. This template was designed to fit an average size adult hand. To make sure it is sized correctly for you, print the base template out on regular paper and hold it in your hand. If it needs adjustment, scale the template up or down until it fits the way you want. If the fit is close but not quite right, adjust the scale by 5%. If it needs a lot of modification, adjust the scale by 10%.

To adjust the scale, go to your printer's software "options" menu & under scale, choose your new scale size. For example, if you need to scale the template down by 4%, in the print software's option menu, change the scale from 100% to 96%. Then print the template and check the fit.

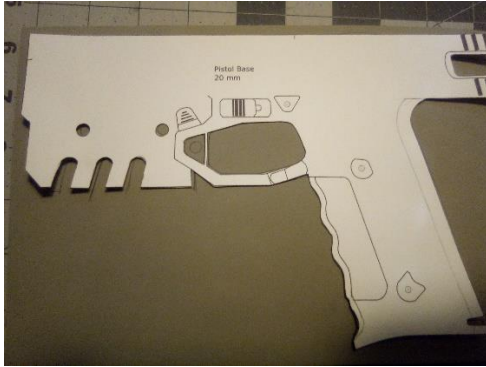
When you are happy with the size, print the templates out onto cardstock or poster board. The sturdier paper will make the process of transferring the template to foam a whole lot easier! Remember to use the same scale for BOTH the Base and SECOND LAYER templates.

If you would like some help at any point during the build, just message me & I will walk you through the process to get you "un-stuck." 😊

Note that the template pieces are labeled LEFT. After you have traced the template onto your foam to make the left side, you will need to flip the template over (face down) and trace it again to make the corresponding piece for the right side.

For example:

Here is the LEFT side of the base (if you're right-handed).



Use a pencil to lightly trace the lines so you won't have pen ink bleeding through when you paint the pistol. I used pen so you could see it better. Once you have traced all your template pieces, I recommend labeling them LEFT & Right to make assembly easier.



After all the template pieces have been traced onto your foam, you are ready to start cutting them out. Remember to keep your blade sharp.



OK, let's make a pistol! Cut out the foam BASE pieces & transfer your alignment marks/reference lines onto all the pieces.

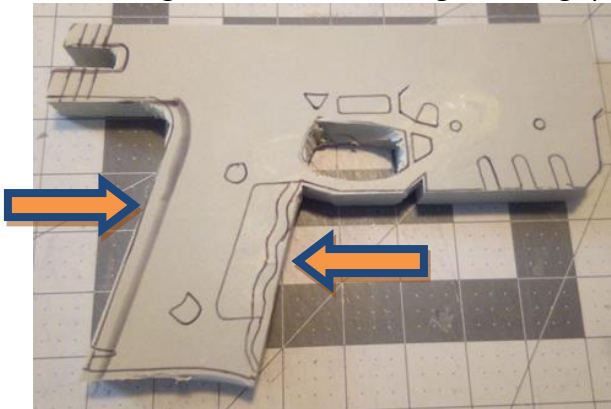
*NOTE: I cut out the small tab at the back of the pistol because I wanted to add a little more dimension. Ignore that. 😊 Just do it later when you build the SLIDER.*

Add a thin layer of contact cement to the underside of both halves & allow it to dry to a “tack” state - about 3 to 5 minutes. It should feel dry to the touch & just slightly tacky.

Attach the two BASE pieces together.

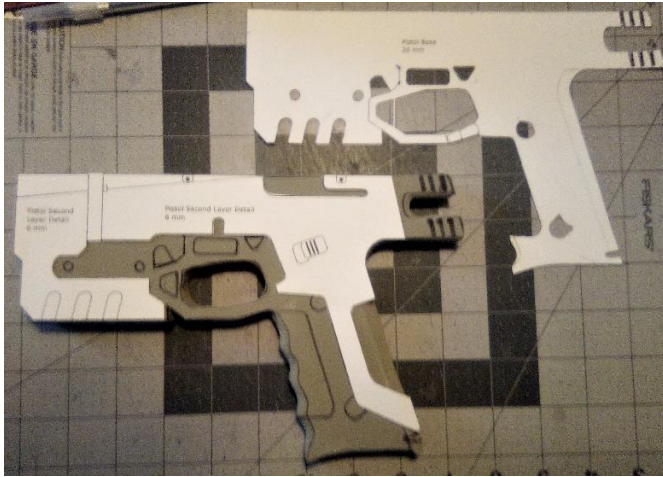


Sand along the front & back edge of the grip to round over the edges & get a comfortable grip.





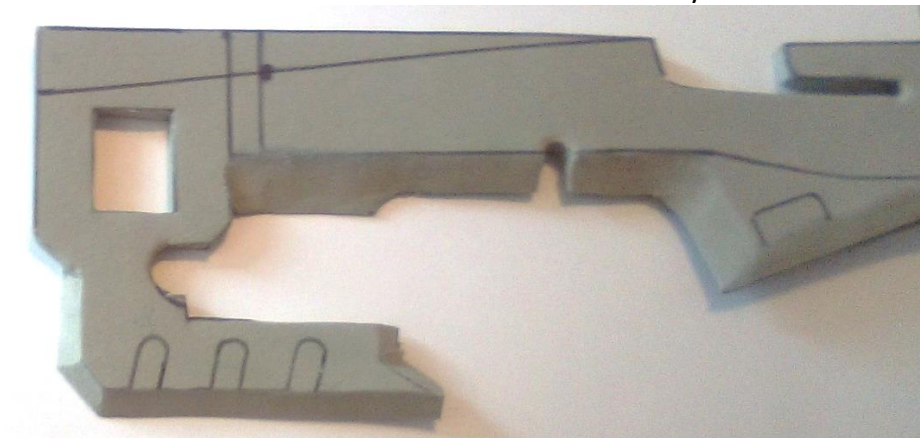
Lay the SECOND LAYER template onto the LEFT BASE and trace around it. That way you will know where to put the glue later, plus it helps keep the parts aligned during assembly. Flip it over & trace the SECOND LAYER onto the RIGHT BASE.



Transfer all the detail lines from the template onto to the SECOND LAYER foam pieces. Cut (or sand) the bevels on the SECOND LAYER. These areas are marked in grey on your templates. If you wait until after assembly to cut the long bevel (marked with the arrow) on the top of the gun, you will get a better, more symmetrical result.



Sand the bevels on the SECOND LAYER as smooth as you can.



Now you are ready to glue the LEFT BASE & LEFT SECOND LAYER together.  
Add a thin layer of contact cement to both surfaces you want to glue together and allow it to dry to a “tack” state - about 3 to 5 minutes. It should feel dry to the touch & just slightly tacky.

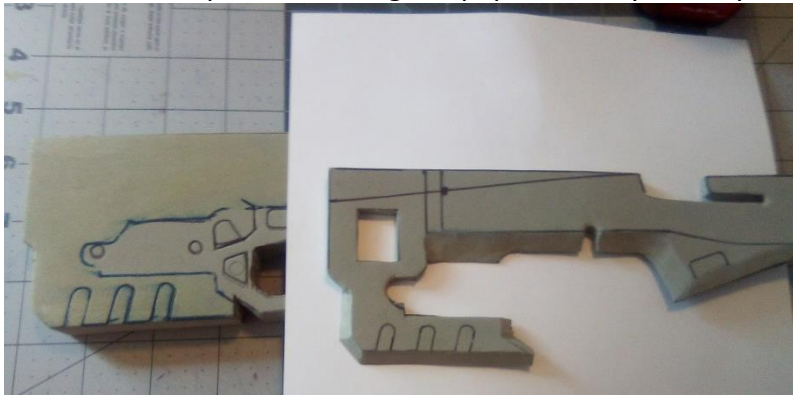


Apply glue to the BASE where the 2 mm GRIP will go & to the underside of the LEFT GRIP.





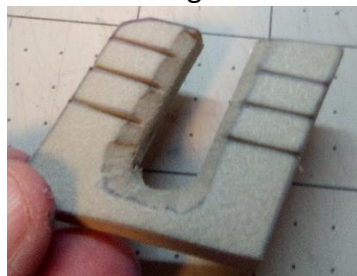
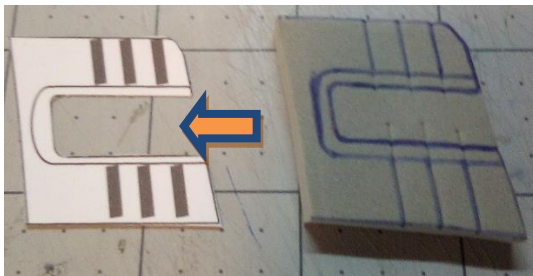
You can use a sheet of printer paper to keep the parts from sticking together until you want them to. If the glue is set, it won't stick to the paper. Carefully align the pieces at the barrel end & stick the ends together. Use your traced lines to stick the pieces together. Work toward the back of the pistol, scooting the paper out of your way as you go.



Attach the LEFT GRIP to the LEFT BASE. Repeat for the RIGHT side.



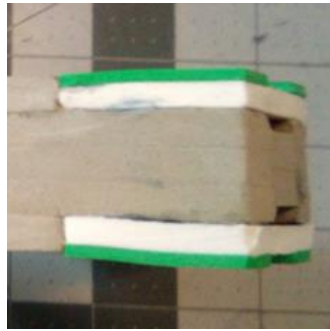
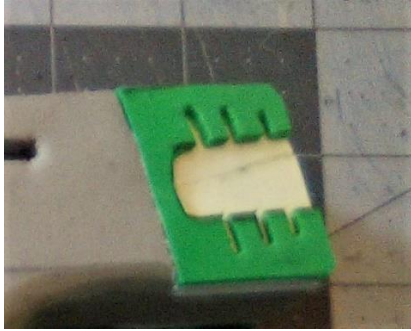
Cut the foam tab out of the SLIDER section & sand a 45-degree bevel around the inside edge.



Use your knife to score the lines on the SLIDER. Use the heat gun to "open up" the lines. Super Glue the tab back in. Then glue the assembled piece in place at the back of the pistol. Repeat the process for the RIGHT SLIDER.



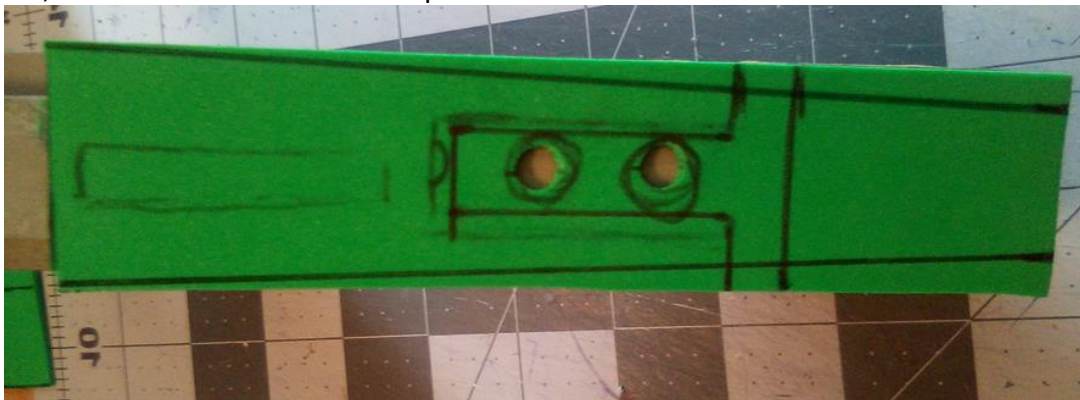
My SLIDER is a different color because I built it from layers of 4 mm & 2 mm foam to give it added dimension. It was overly complicated & only noticeable if you are REALLY close, so stick to the simple method described above. 😊



Sand the TOP of the pistol to smooth any uneven seams. The 2 mm TOP STRIP will cover any remaining rough spots. Punch out 2 holes in the 2 mm strip & transfer the detail lines.

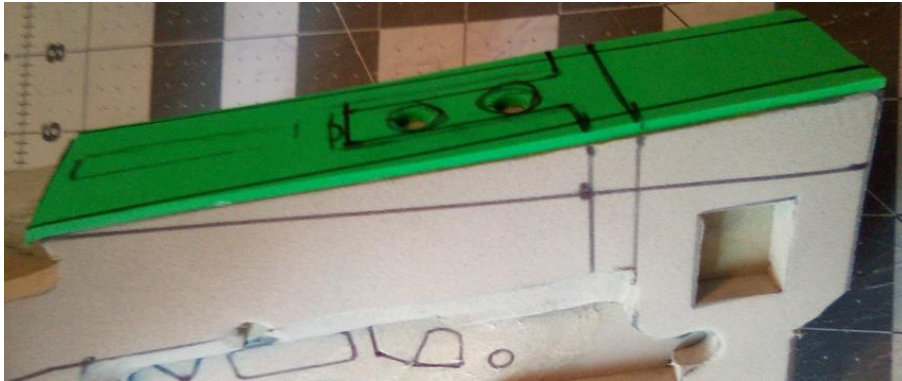


Apply glue to the TOP of the pistol and the underside of the 2 mm TOP STRIP. When the glue is set, attach the TOP STRIP to the pistol.





Now that the 2 mm top strip is attached, you can cut the long bevel down the side. Cut away the edge with your craft knife, retaining the pen lines and then refine/smooth it with the sandpaper. That way, you don't cut away too much.



Sand the bevel smooth with sandpaper or a Dremel tool.



Flip the pistol over & make the bevel on the RIGHT side.

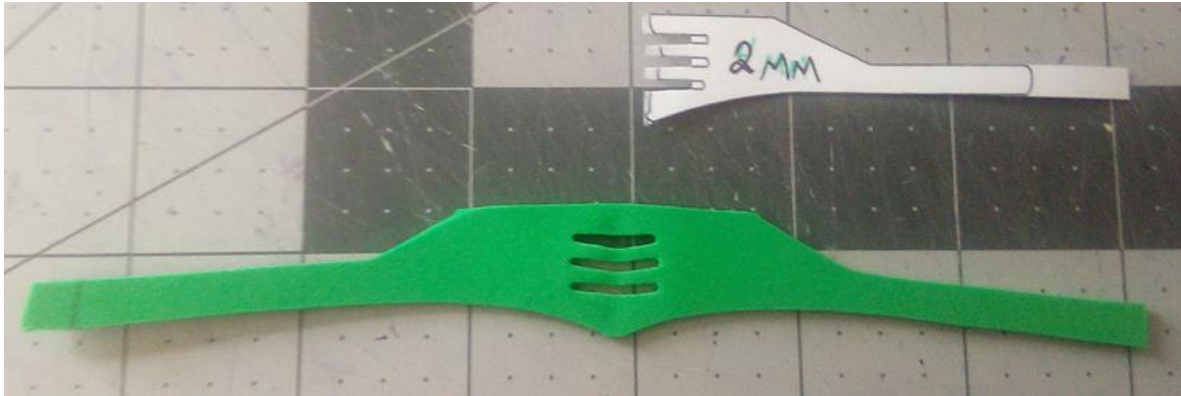


Next, assemble the 2 mm GRIP bottom detail. Leave a little extra foam at the ends.





Then, cut the holes in the GRIP bottom detail.



Trace the GRIP bottom detail template onto the pistol base so you know where to put the glue. Apply glue to the pistol base & to the underside of the GRIP bottom detail. When the glue is ready, start at the front of the grip & attach the pieces together.



Wrap the GRIP bottom detail around the LEFT side, then repeat for the RIGHT side.



Trim away any excess foam and glue the seams together at the back of the grip.



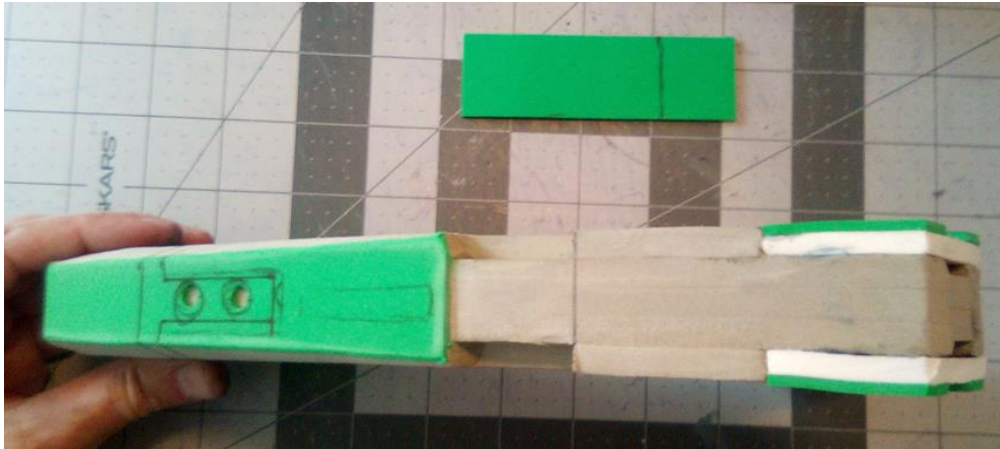
Here is what you should have so far:



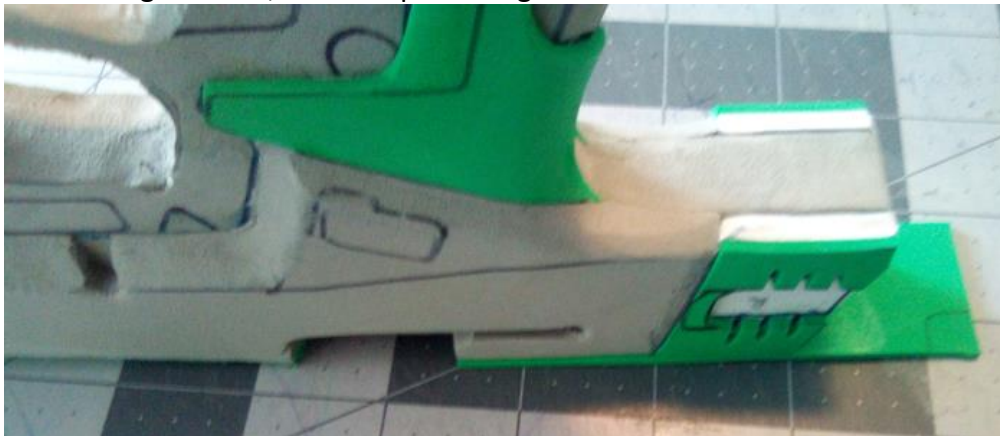
Now, add the smaller 2 mm TOP STRIP to the back of the pistol base.



Apply glue to the top of the pistol & the underside of the TOP STRIP.



When the glue is set, stick the pieces together.

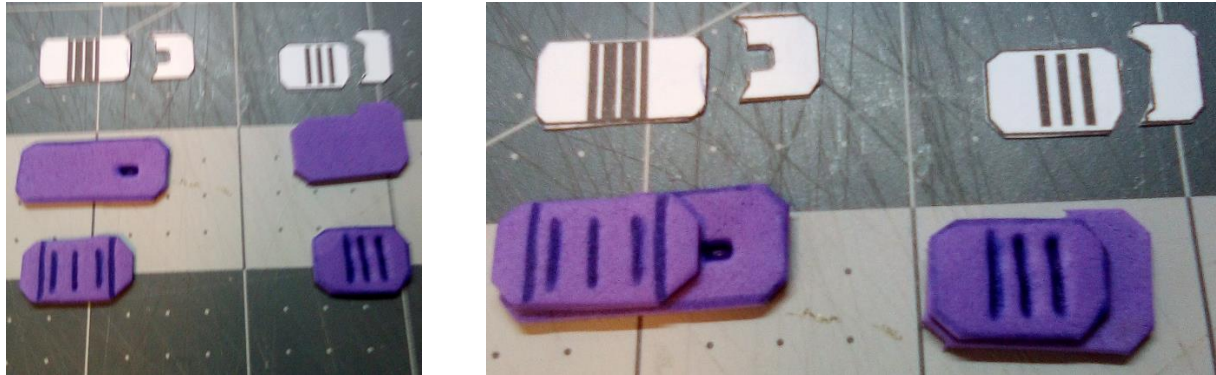


Trim away any excess foam.





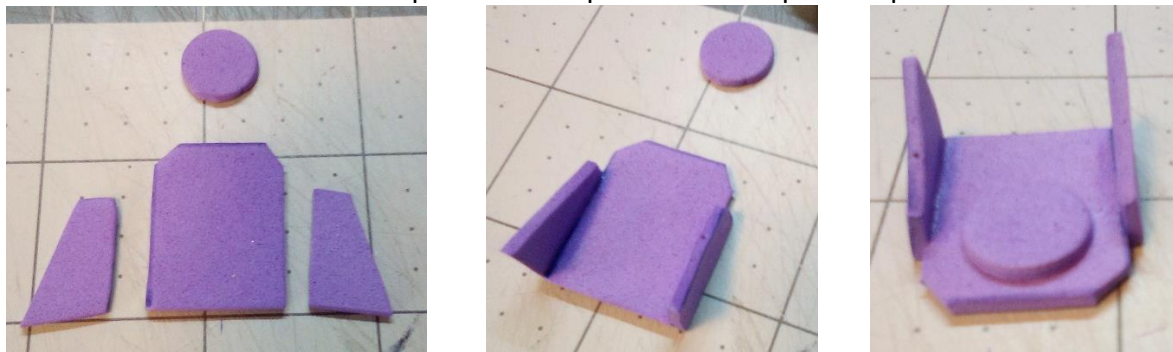
All the buttons, rivets, safety switch, trim strip, etc. can be traced onto the pistol with a pencil & scored with a craft knife or you can cut the pieces from 2 mm foam. I like the additional layers, so I chose foam. Cut a set for each side of the pistol. Super Glue them in place.



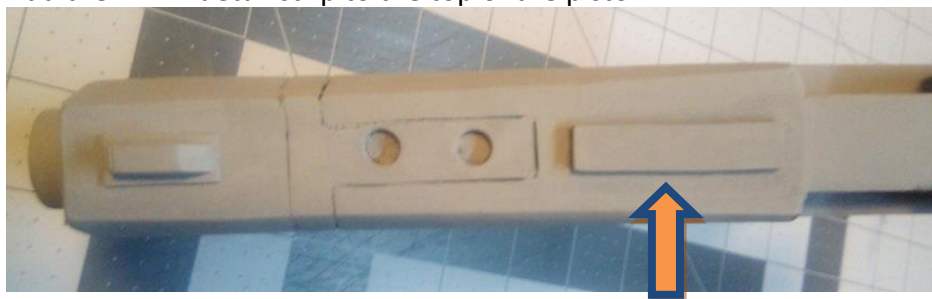
Assemble the FRONT SIGHT & Super Glue it in place on the top of the pistol.



Assemble the REAR SIGHT & Super Glue it in place on the top of the pistol.

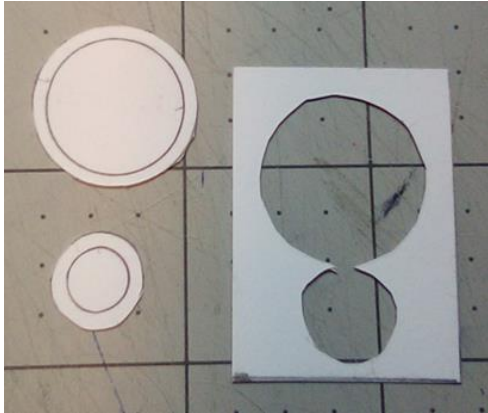


Add the 2 mm detail strip to the top of the pistol.



Assemble the BARREL PLATE, the BARREL & the LASER.

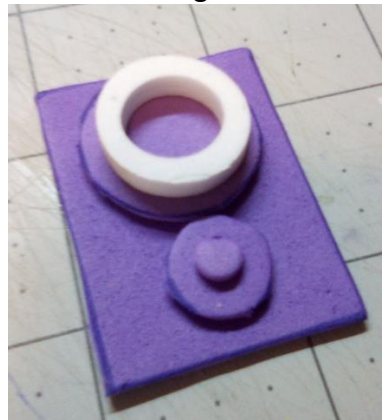
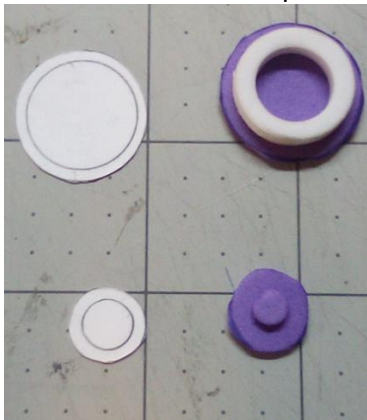
BARREL PLATE template



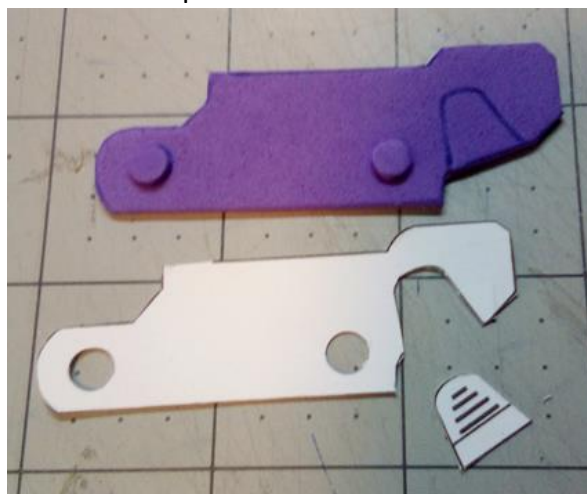
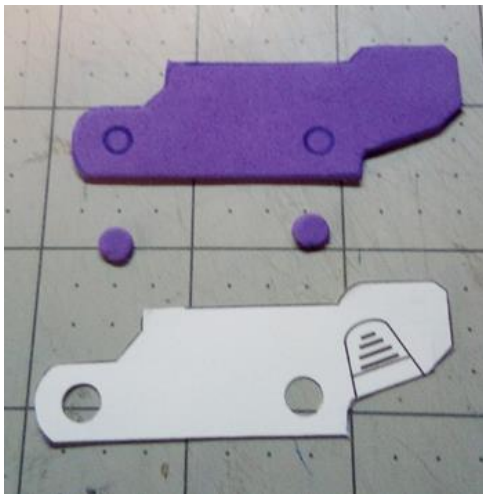
2 mm discs & 6 mm BARREL



Stack the BARREL on its base, & the LASER dot on its base. Super Glue the assembled parts to the rectangular BARREL PLATE. Super Glue the piece to the front of the pistol & cut away any excess foam at the top corners. Sand the edges flush with the bevel.

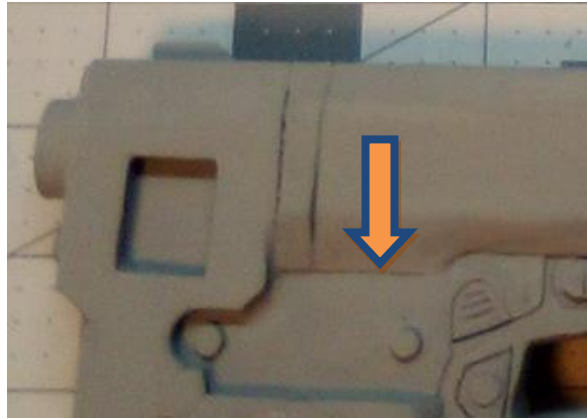
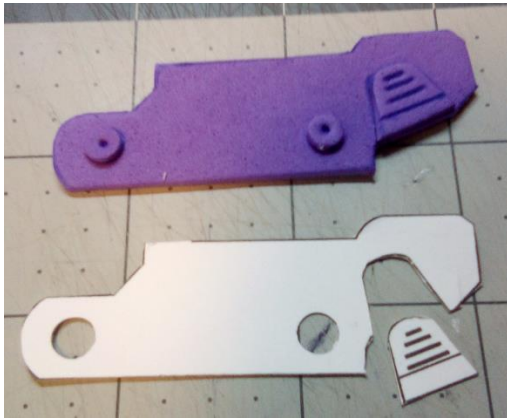


Last is the oddly shaped piece that goes on the side of the pistol. Transfer all the marks onto the foam and cut out the rivets . I used a standard office hole punch.





Cut out the button & Super Glue it in place. Then glue the piece onto the side of the pistol.



You have two options for finishing the lower front section of the pistol:

1. Use a large leather punch or drill bit to create 3 holes through the bottom of the pistol. Then, use your craft knife to finish cutting out the slots.
2. Score the lines & use the heat gun to “open up” the scored lines.



For this tutorial, I cut out the slots. Once cut, sand the slots smooth.





Score the two detail lines on front of the pistol & the line on the front of the grip. Use the heat gun to open them up.



Sand the TRIGGER smooth & Super Glue it to the pistol.



The pistol build is done!

Go over the whole pistol with fine sandpaper and smooth any rough edges. Try to get the surface as smooth as possible so your paint will be nice & shiny.

Use your heat gun to heat seal the surface of the pistol. Keep the heat gun moving so you don't scorch the pistol or open up the glued seams.

Heat sealing the piece makes the surface smoother & will give the pistol a nicer paint finish.

If you have any cuts, scratches, or ugly spots, fill them with flexible filler like Qwik-Seal, Alex DAP or the filler of your choice.

Allow the filler to dry & then sand the pistol.

Before



After



Brush off any filler dust to prepare the pistol for sealant.

Spray on 2 coats of Grey Plasti-Dip or brush on 2 coats of Mod Podge and you get this:



I added a base coat of black acrylic to get a really smooth finish.





To make the basic version of the Militech Lexington, I used Metallic Dark Gunmetal Grey & Brushed Nickel Silver acrylic craft paint.





I also made a bright red version. This template works well with any paint scheme.



Go crazy with it! Make something fun and please send me pictures of the pistols you make.

As always, if you have any questions, just message me through Etsy or at [aethonsarmory@gmail.com](mailto:aethonsarmory@gmail.com) and I'll answer as quickly as possible.

Cheers,  
Aethon