

Assembly instructions for Eliptrac 400 Kit.



Assembly of the motor mount has been done for you.

Notice the machine marks in the mdf shown below.

I reccomend lining up the machine marks. (not critical)



I like to assemble the layers using the pegs, glue and brad nails, but pegs, glue and clamps work fine.



Install the pegs and glue and add the layers.



Use a damp cloth to remove the glue that oozes out between the layers.

Repeat this layer by layer, until the horn is fully assembled.



For a while I was sanding the horn in sections, now I find it is easier to sand the fully assembled horn. Use whatever technique works better for you.



Once the horn is fully assembled, weight the horn evenly to put pressure on the glue layers and allow to dry overnight.

Insure that all of the layers are laying flat against each other (NO GAPS)

Base Sanding.

Once the horn is dry sand from the mouth to the throat
(Large to small)

(Never sand from the throat) Start sanding using 36- 40
grit paper, sand

until you can no longer see the machine lines, then
switch to 80 grit paper

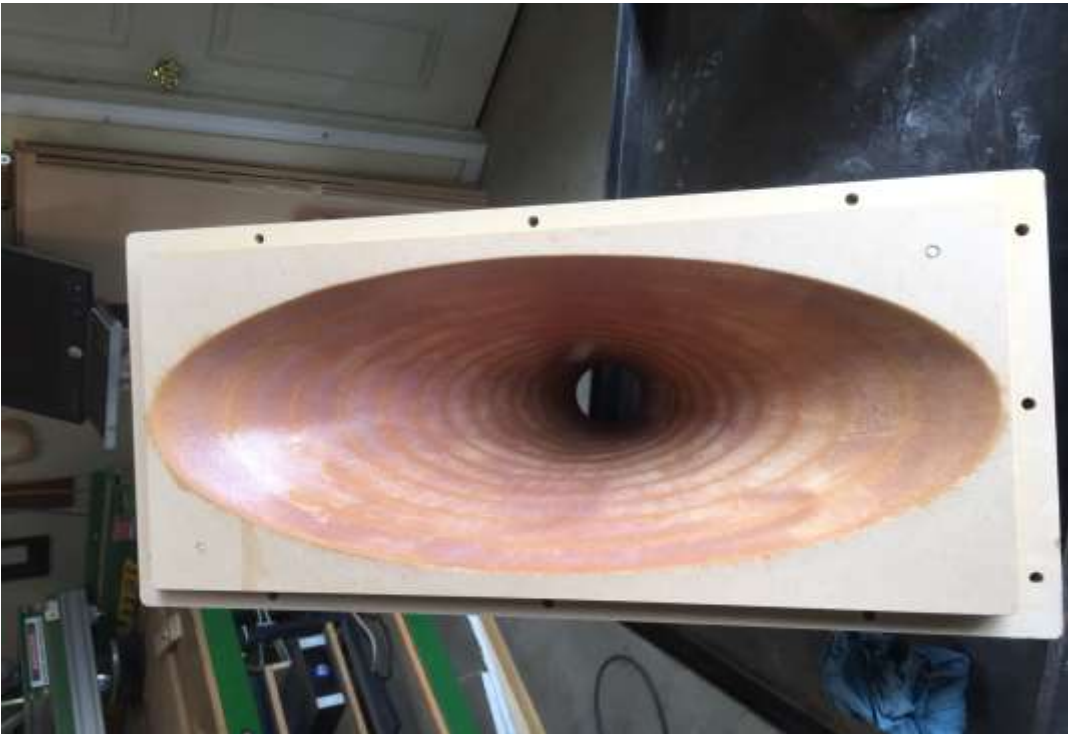
to smooth out the finish.



Once the base sanding is complete I apply a primer coat to front and the back of the horn, which hardens the surface, and strengthens the overall structure.



Polycrylic work good, but most brush on primers will do the trick.



Apply sealer to the rear of the horn as well.

(DO NOT SEAL THE MOTOR MOUNT TO THE HORN)

The motor mount is the removable piece on the rear of the horn the driver mounts to, held on by 4 bolts and nuts.



This horn was sealed with automotive primer, works well but used a lot of primer and lengthy drying times.



Once the horn is sealed, I use 120 and 200 grit sand paper for the finish sanding.

My preference for paint is:

Rustoleum Fine textured finish black.

