

Instructions for the Steampunk Window Inlay Kit

(PSI Steampunk Bolt Action Pen)



The image you see through the port hole is laser engraved onto a thin maple sleeve (Fig.1) that slides inside the main barrel (Afzelia Xylay) of the inlay kit (Fig2). Before



Fig.1



Fig.2

sliding it into position it needs to be lightly hand sanded with 220G sandpaper. Align the sleeve inside the barrel so that the image is centered in the circle and then apply a couple of small drops of thin CA glue to each end of the barrel to lock both pieces together. Now position the gold acrylic ring rotating it 180 deg. for the best fit. Double wrap one of the supplied elastic bands around it and carefully glue it in place with a few drops of thin CA glue being careful not to get any in the holes around the ring. Once dry remove the elastic band. Now its time to fill the window with 2 part epoxy. We use Loctite Heavy Duty 5 minute epoxy from Home Depot for this. Mix equal parts very slowly to minimize the amount of bubbles you create. It will take about 2-3 pours to fill the recess level with the outer wood barrel. Use a needle or pin as you go to pop any bubbles you'll encounter along the way.

Once the epoxy is dry we can insert the sterling silver wire into the holes around the gold ring. Make sure they're fully seated down to the maple sleeve and then cut them flush to the outer barrel using a pair of toenail clippers. Once all wires are in place, secure them permanently with thin CA glue and apply additional glue all around the seams of the window as well as both ends of the barrels.

Glue in the brass tube from the pen kit using 2-part epoxy. Do not use a barrel trimmer to square up the ends. A disc sander or cutoff saw is the way to go. We suggest filing down the ends of the sterling silver wire flush with the gold metallic resin ring to avoid any possible catches when you start turning.

Any finish works well with these kits but we prefer a medium CA finish. Check it out at <http://www.mysimplecafinish.com>



Kallenshaan Woods
Laser cut Inlay Kits

www.kallenshaanwoods.com