

Basic Instructions for the Betsy Ross Flag Inlay Kit



Star Barrel Assembly

The blue star barrel requires 13 stars. 18 are included with the kit so you can afford to lose or break a few. Slide the brass tube from your pen into the blue barrel and insert all 13 stars. Remove the brass tube and glue the stars in place with thin CA glue. Next step is to glue the blue barrel onto 1 end of the brass tube using 2 part epoxy. There is a right and wrong way to do this. Make sure the star at the top of the flag is centered.

Don't worry about getting excess glue on the barrel because we'll be mounting this assembly onto the lathe when the epoxy has fully cured to square up the blue barrel and clean up the brass tube.



Right



Wrong



Stripe Barrel Assembly

We're now going to assemble the red and white stripe barrel. Insert the stripes into the stripe barrel and if necessary hold them in place with the supplied elastic bands. There's only one way the stripes will fit. Make sure they are well seated to avoid gaps when turned to the final diameter. Secure all of the stripes with thin CA glue.

Now we'll glue the brass tube into the blank. Check the fit of the tube as you might have to lightly sand the inside of the blank for a good fit. If you do, wrap a small dowel with 100G sandpaper and sand the inside of the barrel until the tube fits smoothly. Use 2-part epoxy to glue in the brass tube. Make sure the tube is perfectly centered so there's the same amount of space on either end. Once the glue has cured, sand the ends flush with the brass tube using a belt or disc sander. Don't use a barrel trimmer. Now you can mount the blank on the lathe for final turning and finishing. Apply whatever finish you're comfortable with as they all work well with these inlay kits.



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