

# Basic Instructions for the Stars and Stripes Inlay Kit (PSI American Patriot)



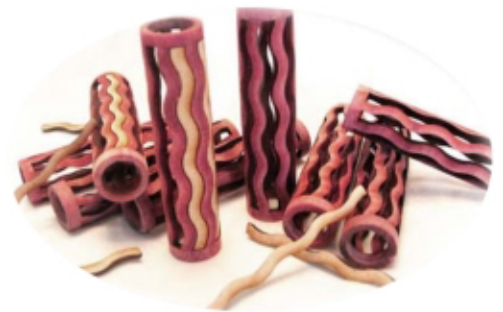
## Star Barrel Assembly

There are several extra Basswood stars included with each kit as you'll probably lose or break a few during assembly. Press the stars out of their "frame" from the back. Slide the upper barrel brass tube from your pen kit into the blue star barrel from the inlay kit. This is to support the barrel while you're pressing in the stars so don't glue anything at this time. I use a sharp pointed pair of tweezers to pick up the stars. Insert them bottom end first and press them flush into the blue barrel using the flat end of the tweezers. Do all 50 of these and then slide out the brass tube and secure all of the stars using thin CA glue.

Now you can glue in the brass tube. I would suggest using 2- part epoxy for this. Make sure you get the brass tube aligned accurately with relation to the stars. Once the epoxy is dry, sand the ends of the barrel flush with the brass tube. Don't use a barrel trimmer for this.

## 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.