

## Assembly Instructions for the Scuba Diver Pen Inlay Kit



This inlay kit is made using African Blackwood, Red and Blue dyed and stabilized Basswood, and American Holly (9 total pieces). We're going to start by sliding the brass tube that comes with your pen kit (not included) into the blue basswood barrel. Don't secure at this time.

Fit the scuba diver into place. Fins first works best for this. You can now secure in place using one of the supplied elastic bands. See. Fig.1.

Next, seal all 4 edges of the 2 holly pieces with thin CA. Once the CA has dried you can start inserting the remaining pieces

around the diver. Slide the elastic band to one side or the other as required. There's no specific order to the remaining pieces. Add a second elastic band when needed. Once all the pieces are in place, double wrap the 2 elastic bands to make everything super tight. Remove the brass tube and flood all the seams of the assembly with thin CA. See Fig 2



Don't worry about the elastic bands getting glued to the assembly as we'll turn them away later on the lathe or you can cut them away with an exacto knife if you prefer. 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 wooden 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. 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 the inlay kits.

E-mail me at [kallenshaan@cox.net](mailto:kallenshaan@cox.net) with any thoughts or ideas regarding this or any other inlay kits.