

Basic Assembly Instructions for the EMT “Star of Life” Pen Inlay Kit



There's a total of 4 pieces in this kit. We need to break the star at 2 places. See Fig. 1&2. We'll start by inserting the snake/rod piece into the recess followed



Fig.1



Fig.2

by the little blue piece just under the snakes head. We're going to secure this with a bit of thin CA glue (notice the slightly darker area in Fig.1). This will strengthen the top and bottom areas of the center section and make it easier to snap off the right and left wings. Fig.2. Use a

pair of needle nose pliers to do this. Next we'll slide the brass tube from the pen kit into the maple barrel for support while we position the 3 pieces of the star into the barrel starting with the center section. Fig.3. Remove the brass tube and secure all pieces with thin CA glue.



Fig.3

Once the thin CA has completely cured we're going to glue in the brass tube. Check the fit to see if you need to sand the inside of the barrel for the brass tube to fit smoothly. If you do, wrap a piece of sandpaper (100G-150G) around a small dowel and sand the inside until the brass tube fits smoothly. Scuff up the brass tube with 100G sandpaper before gluing. I prefer 2-part epoxy to glue the brass tube in place. Never use polyurethane glue with these inlay kits as the expansion while curing could seep through the glue joints of the inlay. Center the brass tube so that the symbol is centered. Once all glue has cured, sand the ends flush to the brass tube (don't use a barrel trimmer) and mount on the lathe for turning and finishing. E-mail me at kallenshaan@cox.net with any questions about this or any of our laser cut inlay kits.



Kallenshaan Woods
Personalized Laser Engraving

www.kallenshaanwoods.com