

# Assembly Instructions for the Electricians Inlay Kit

## (Sierra Pen Kit)

We're going to start by making sure all pieces are included and none are broken. If there are any missing or broken pieces, call or e-mail Ken at



(702) 523-9236 or [kallenshaan@cox.net](mailto:kallenshaan@cox.net) to get replacements. Even if you didn't purchase your inlay kit directly from Kallenshaan Woods, use this contact info as our vendors don't carry replacement parts. Also, if a piece doesn't seem to fit well, use this contact info for a replacement or solution. Don't glue in a piece if it doesn't look right.

Temporarily insert the brass tube into the maple inlay barrel for support and position Pieces 2, 2A and 2B into place. Insert pieces #3,4, and 5 and secure with a couple of the supplied elastic bands. Remove the brass tube and brush on a bit of thin CA glue to all the seams of the light bulb section followed by a shot of activator. Re-insert the brass tube for support and insert piece #6 (breaking it down the center as shown in the drawing below). Continue assembling in numeric order except for pieces #10 and #11 which will be inserted after Piece #21. Remember to use enough elastic bands to hold everything in place and also to remove the brass tube before brushing on the thin CA glue. Once all pieces are in position brush some CA glue liberally inside the inlay barrel and spray with a shot of activator.

Now we'll glue the brass tube into the blank. Check the fit of the tube as you might have to sand the inside of the blank for a good fit. If you do, wrap a small dowel with 100G sandpaper or purchase

our sanding mandrel (specifically designed for this) from our website for \$7.00 and sand the inside of the barrels until the tube fits smoothly. Use 2-part epoxy to glue in the brass tubes. 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 for this. Now you can mount the blank on the lathe for final turn and finishing. Apply whatever finish you're comfortable with as they all work well with these inlay kits.

