

# Assembly Instructions for the Pool Cue Pattern Inlay Kit (Design C)

## (PSI 3/8" Tube Pen Kit) Item #WXCUC38

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.

There is a total of 10 pieces in this inlay kit. Insert the brass tube from your PSI 3/8" Pen Kit into the large Cocobolo section (Piece #1). Don't glue at this time. This will help align the pieces as they are positioned in the blank. Slide the holly ring piece (#4) into position. Rotate this piece to try all positions for the best fit. Do the same for the black ring (#5) and the Curly Maple bottom piece. Position the 3 Holly triangles (#2) followed by the 3 Sapphire blue triangles (#3) securing these with the supplied elastic bands. Once all pieces are in place carefully remove the brass tube and while tightly pressing the blank together with the thumb and forefinger of your left hand, brush thin CA glue on all of the seams using a disposable artists paint brush. Remove the elastic bands by cutting and scraping them away.

If you're making this inlay for the PSI Southwest Pen (shown at right) you'll have to cut the barrel into 2 pieces. This is done after the inlay is assembled and glued. I use a mitre saw for this. Notice on drawing "A" below the dark horizontal broken line going through the diamonds. This is the cut line for the 2 Southwest pen barrels. I've included two 1/8" wide cocobolo trim rings (#7) to be glued to the cut ends of the barrels (see pen photo and Drawing "B").

Now we'll glue the brass tubes into the blanks. Check the fit of the tubes as you might have to sand the inside of the blanks for a good fit. If you do, wrap a small dowel with 100G sandpaper and sand the inside of the barrels until the tubes fits smoothly. Use 2-part epoxy to glue in the brass

tubes making sure that both tubes are flush with the trim ring end. This will ensure that the trim rings stay at the correct thickness. 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 blanks on the lathe for final turning and finishing. Apply whatever finish you're comfortable with as they all work well with these inlay kits.

