

## Assembly Instructions for the Polar Bears Pen Inlay Kit



We're going to start this kit by wrapping the 4 largest pieces around the brass tube (supplied with the pen kit) and temporarily securing in place with 2 of the supplied elastic bands. See Fig 1.



Now carefully slide the brass tube out from the assembly. Check to see if any of the pieces shifted and if so re-align everything and secure with a few drops of thin CA glue. Position and secure the moon section with CA glue next and then finish the assembly by gluing the remaining 4 black pieces around both polar bears legs with thin CA. Once the glue 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 (Gorilla) glue with these inlay kits as the expansion while curing could seep through the glue joints of the inlay. 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 final turning and finishing. Use the finish of your choice from a CA finish to a friction finish as they all work well with these inlay kits.

E-mail Ken at [kallenshaan@cox.net](mailto:kallenshaan@cox.net) with any questions about this or any of our laser cut inlay kits.