

Basic Instructions for the Moonscape Pen Inlay Kit



We're going to start by fitting the moon section into the blackwood background, Pic.1

wrapping a couple of the included elastic bands around the assembly as shown in Pic.1 and carefully gluing with thin CA. Once the CA has cured, cut and remove the elastic bands. Next we're going to insert the blue and green acrylic earth into position. Hold it tightly and apply a small bit of thin CA to this as well. Next is the crescent moon. The easiest way to insert this is to put the 2 points in position first and rotate the middle down. Tap the middle with something similar to the end of an exacto knife until it falls down into position. Secure this piece with thin CA being careful not to get any glue into the surrounding star recess. Firmly press the stars into their recesses until they're flush with the blackwood body and secure with CA glue. Insert the small purple planet and glue with CA. Here's what we're looking like so far. See Pic.2 and Pic.3.



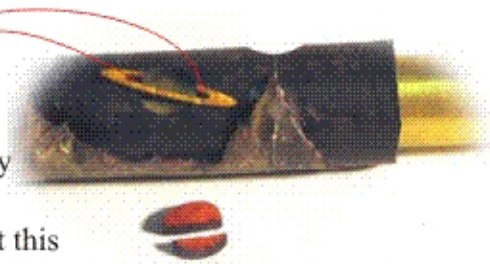
Pic.2



Pic.3

We're going to insert Saturn's ring next.. Dont glue this in until all 3 pieces of this planet are in position. Also it's easier to put these pieces in if you slide the brass tube in to help support and align them. You might have to sand the inside of the barrel for the brass tube to fit. Don't glue the brass tube in at this time. Position the ring first. The two orange planet pieces might have to be tapped in for a snug fit.

Notice there are two small areas inside the ring that need a black fill. We haven't glued these three pieces yet because we don't want to run the risk of getting any CA glue into these recesses. We're going to apply a small bit of 2-part epoxy mixed with a drop of black acrylic paint to these areas however, we're going to do this from the inside out. Doing it this way will totally eliminate the risk of any voids or tiny air bubbles appearing when we turn this down to finally dimensions. Using a pair of household scissors I've cut a brass tube lengthways into 3 strips (any spare brass tube will do). One of these will act as my spreader for the black colored epoxy. Mix up a small amount of 2-part epoxy with just a dot of black paint. Now take the brass tube out of the barrel.



Apply a small amount of the epoxy to the end of your spreader and apply this from the inside of the barrel. Spread it back and forth until it starts to squeeze out from the top. Screed as much of the excess from the inside to minimize sanding once all has cured. See pics 4 and 5. Once the epoxy has cured, apply CA to the 3 piece planet. We'll now do the last planet which is the black and gold acrylic piece. Insert it into its recess and apply a bit of CA glue around it.

Pic4



Pic.5

Basic Instructions for the Moonscape Pen Inlay Kit Pg.2



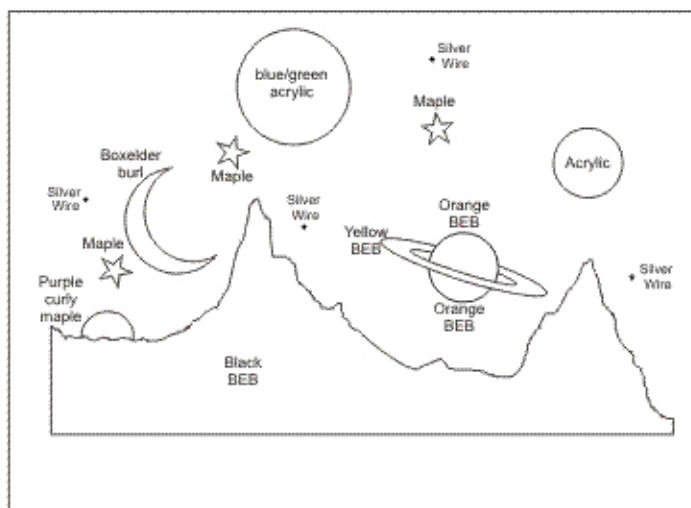
The Sterling Silver wire is up next. Locate the 4 pre-drilled holes in the blackwood barrel using the drawing at the bottom of this page. Insert the brass tube into the barrel but don't glue it in yet. This will prevent the wire from being pushed in too far. Hold the wire about 1/8" from the end with a pair of small pliers (I prefer needle-nose pliers for this) and twist slightly to force the wire into the hole. When its in all the way, use a small pair of side cutters to cut the wire flush with the barrel. When you've installed all 4, remove the brass tube from the barrel and apply a drop CA to them. When the CA has cured, using a small file, bring the sterling silver wire down flush with the surface of the barrel.



We're now going to glue in the brass tube. The blue/green acrylic planet (Earth) is semi-transparent and we don't want the brass to show through so I've included a 5/8" dia. disc of adhesive backed mylar tape. Align the mylar disc with the location of the planet on the brass tube, peel and stick! See Pic.6. Now using 2-part epoxy, glue the brass tube in making sure to align the mylar disc with the blue/green planet. Trim the ends flush with the brass tube once the epoxy has cured and put it on the lathe to turn and finish as usual.



Pic.6



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