

# Bald Eagle Laser Inlay Kit



## What am I getting with the Kit

- 1 x Turned Barrel with Laser cutout
- 1 x Natural Maple Laser cut Head Inlay
- 1 x Yellow Curly Maple Laser cut Beak inlay
- 6 x Dark Brown Maple Laser cut Feathers
- 1 x Dark Brown Maple Laser cut Eye piece.



Laser Cutout In Barrel



Laser Cut Head Inlay



Laser Cut Beak Inlay



Six Laser Cut Feather Inlays

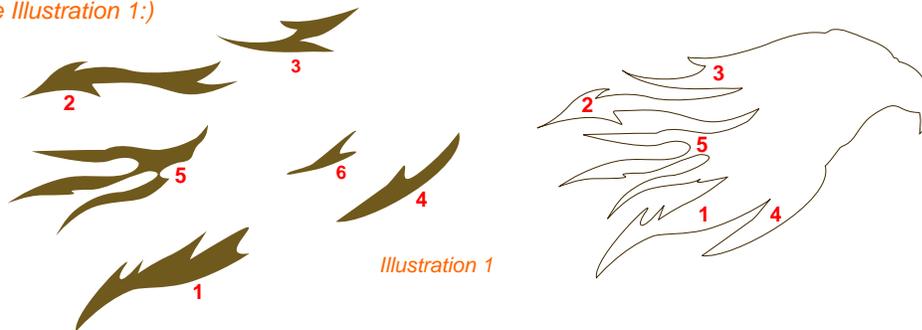


Laser Cut Eye Piece Inlay

## Step 1:

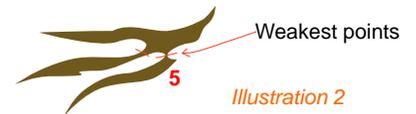
Place the brass tube inside the pre turned barrel to help support the inlayed piece.  
Please **DO NOT GLUE THE BRASS TUBE** into place.

Take the pre turned barrel with the laser cutout and start placing the laser cut Feather pieces in the same order they are numbered 1 - 5. (See *Illustration 1:*)



*Illustration 1*

Feather number 5 needs to be broken in three pieces at the weakest points. The reason for breaking it by hand is that it will not show a joint when the pen is finish.



*Illustration 2*

Feather number 6 will be placed in the head section in [Step 3](#) so leave that one for later.

## Step 2:

Take the laser cutout Head inlay and place it so it would fit next to the feathers. The part of the head cutout closest to the feathers needs to be wiggled in first with the other end of the head cutout slightly lifted up. Once it is in place use a small object (Pen blank) to push the head section so it would fit tightly. (See *Illustration 3:*)



*Illustration 3*

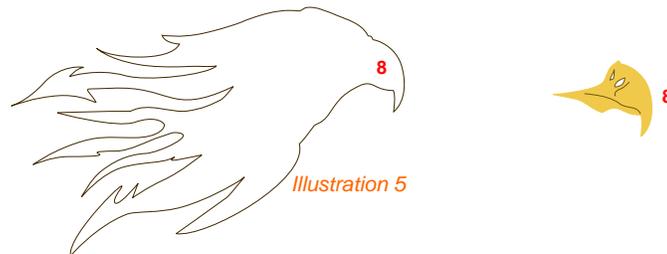
### Step 3:

Now that the Head inlay is in place you can fit the last remaining feather and the eye piece. ( See Illustration 4 )



### Step 4:

This is the last step and you can now place the beak inlay piece and it should fit without any trouble. ( See Illustration 5 )



### Step 5:

This is the last step and you can now place the beak inlay piece and it should fit without any trouble. ( See Illustration 6 )



### Step 6:

The brass tube can now be removed. Take thin CA glue and use a little drop on each piece to make sure it is secure or glued.

You can now sand or cut the completed barrel to length by using any method that you are familiar with and glue the brass tube into place with a glue of your choice. Please let the glue dry completely before proceeding with the next step.

### Step 7:

After the barrel has been squared and the bushings are in place you can start turning your pen.

First you must use a course grit sand paper to sand the barrel round and smooth.

Now use some dark wood dust and rub it into the cutout lines on the head and beak and then seal it with thin CA to make the lines really stand out .

This step can be repeated again just before you start to put the final finish onto the barrel.

After turning and sanding the barrel you can use your preferred choice of finish to complete this project.

Good luck and please take your time with this project and the results will be very rewarding.