

EASY COWL BUMPS

by RichAdams

Start by making a tool using hard wood, balsa, pine, or bass. The shape should be roughly the dimensions of the finished cowl bump less the thickness of the plastic material you are using. I made sure that the front and back edges encompass the cowl bump limits shown in figure 1.

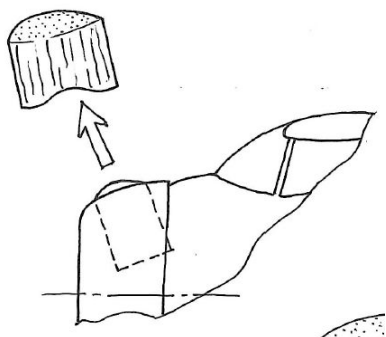


Figure 1

Get yourself a piece of blue insulation foam and leave the plastic layer on. Take small pieces of plastic, the stuff left over from white vacuformed parts (or any plastic suitable for low temperature forming), and heat it over a candle or suitable heat source till it softens. Lay it on the blue foam and press your wood form into the plastic with enough force to crush the foam. It should cool quickly and release from the tool. Pull the formed piece from the foam. The plastic film will keep it from sticking to the foam. After forming all the pieces, trim as close as you can with a pair of scissors.

Next, make a small sanding block with a profile that matches the cowl. Attach a piece of 120-220 grit sandpaper to the block. I used contact cement. See figure 2.

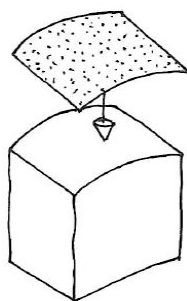


Figure 2

Take your trimmed cowl pieces and finish sand by lightly sanding across the profile of the sanding block to match the cowl contour. You may need to dress the edges slightly when done. The finished bumps may need a little sanding to adjust to the cowl. Glue to your model using your glue of choice.

