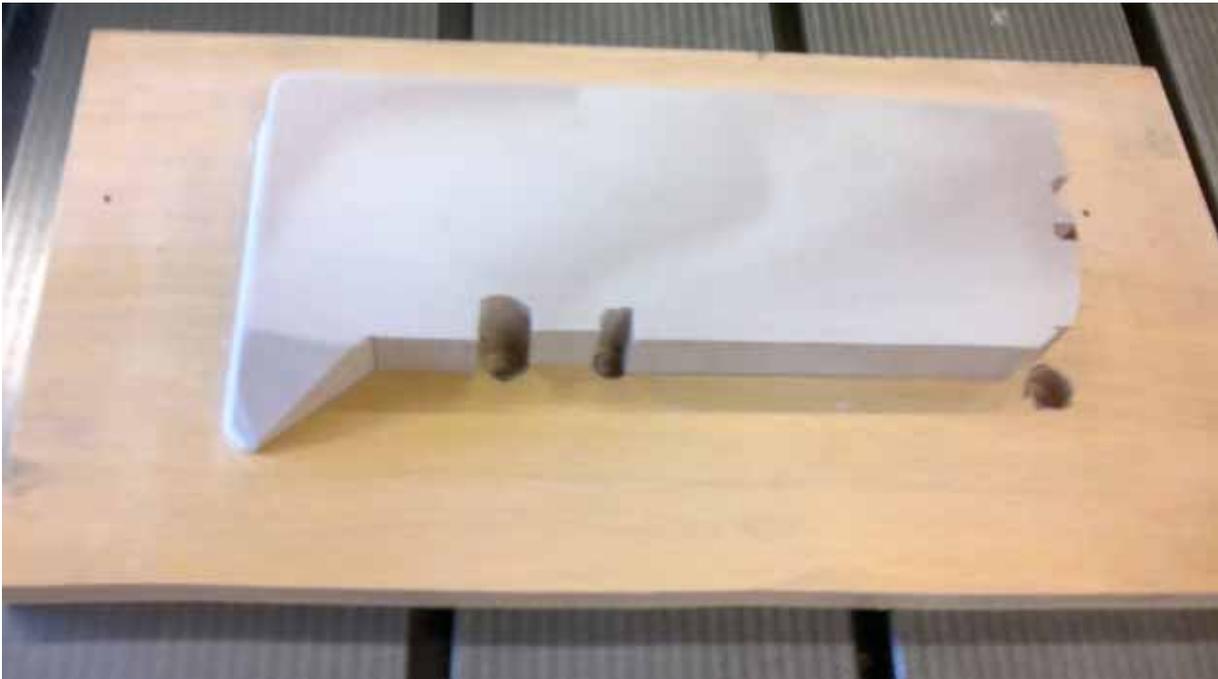
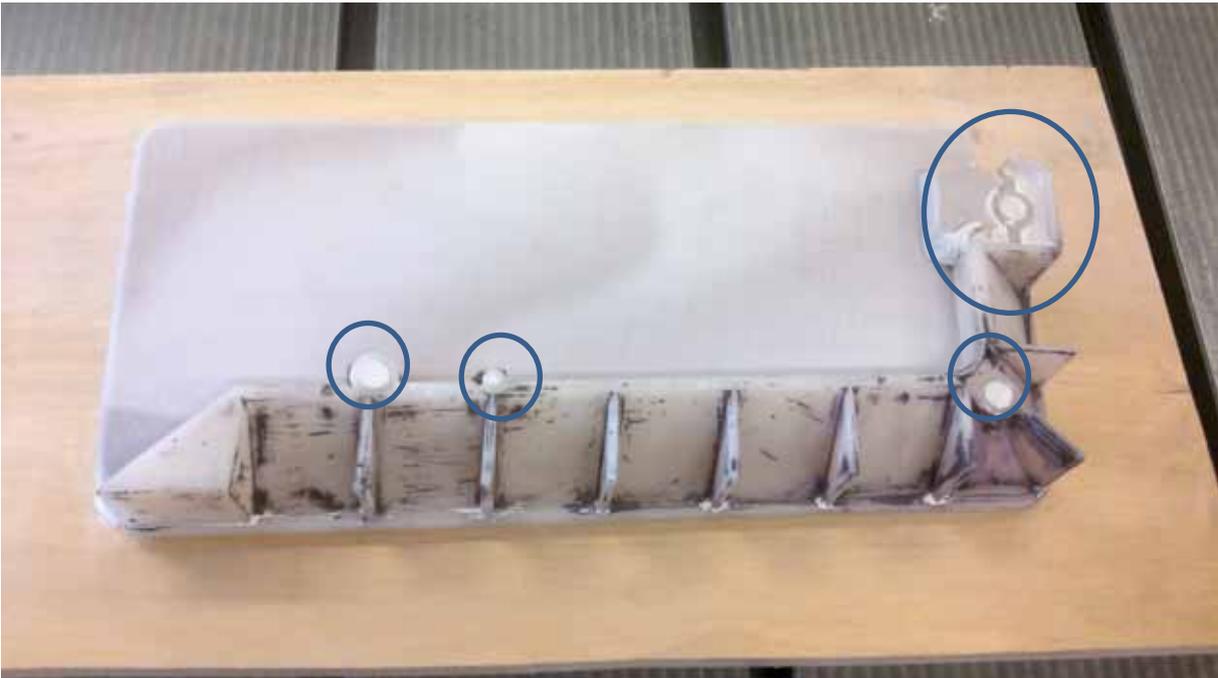


After searching for a while to find good door panels for my AMI E doors. And never find one. The original where painted and unable to get properly cleaned. Besides there are 3 broken pieces on each side .So i decided to make new ones on my own.

I am lucky to work in a mold factory , so it would be a piece of cake to make new panels.

How it works .

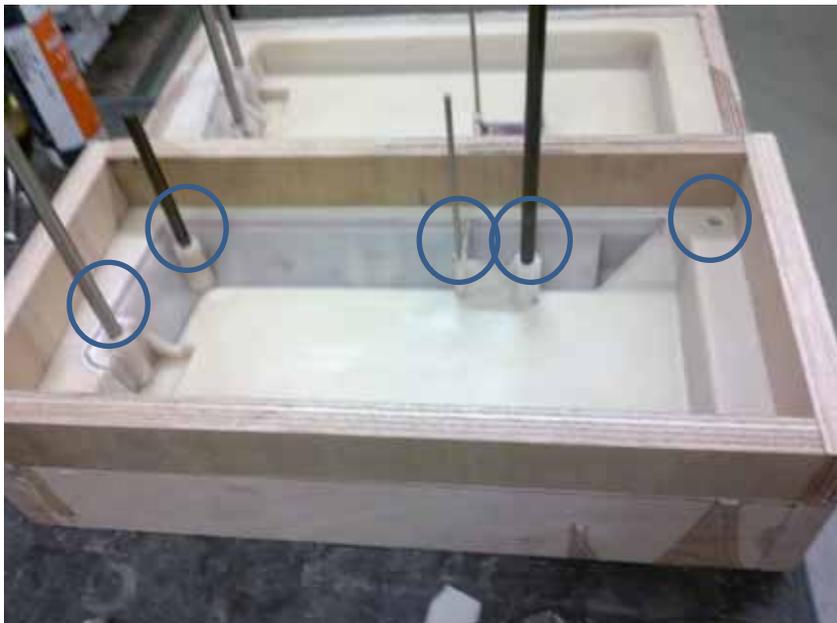
First of all you need to get a negative of your piece , and make a negative using on good panel , and prepare this one . See the first picture.



After working the panel 'in" You make a box around the worked in panel. Make shure in every direction you have a good draft angle (at least 0,5 degrees), and take care for a good loosing . Then you pour a 2 component resin in .

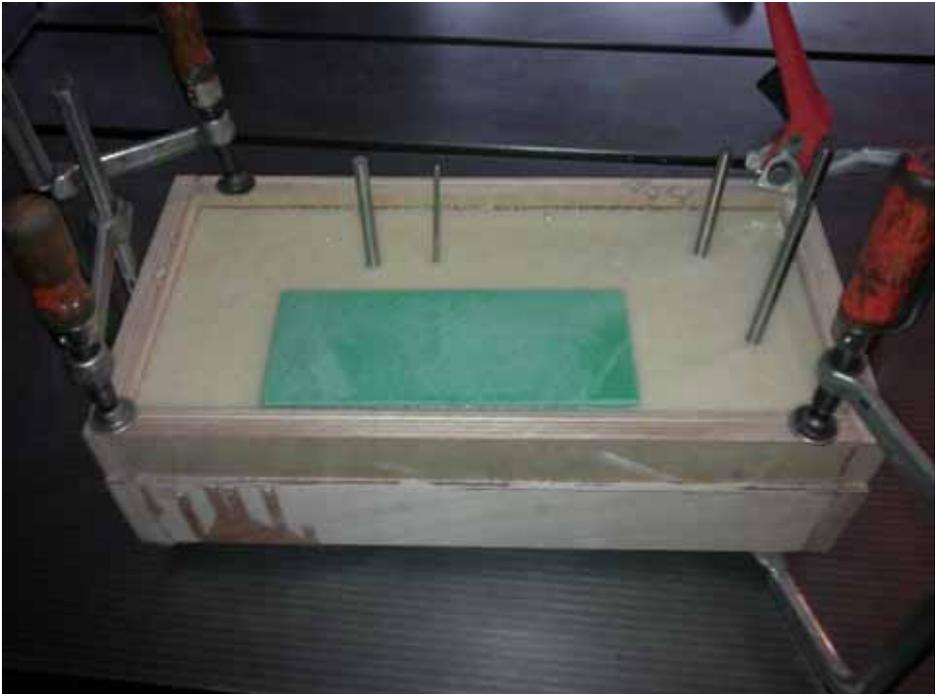


After take the casted part and the so called " worked in model "apart you get you're first mold half. The panel is still in it so now you can make holes for casting and holes to vent (so you don't get any air bubbles in your new parts) You make these to put some iron rounds on the tabs (see in the picture below) After all , what now is positive would be negative in the other mold half, so you can cast later through these holes . even make some centering holes in the corner of the first mold and put some pins in it (diameter 10 or 12)



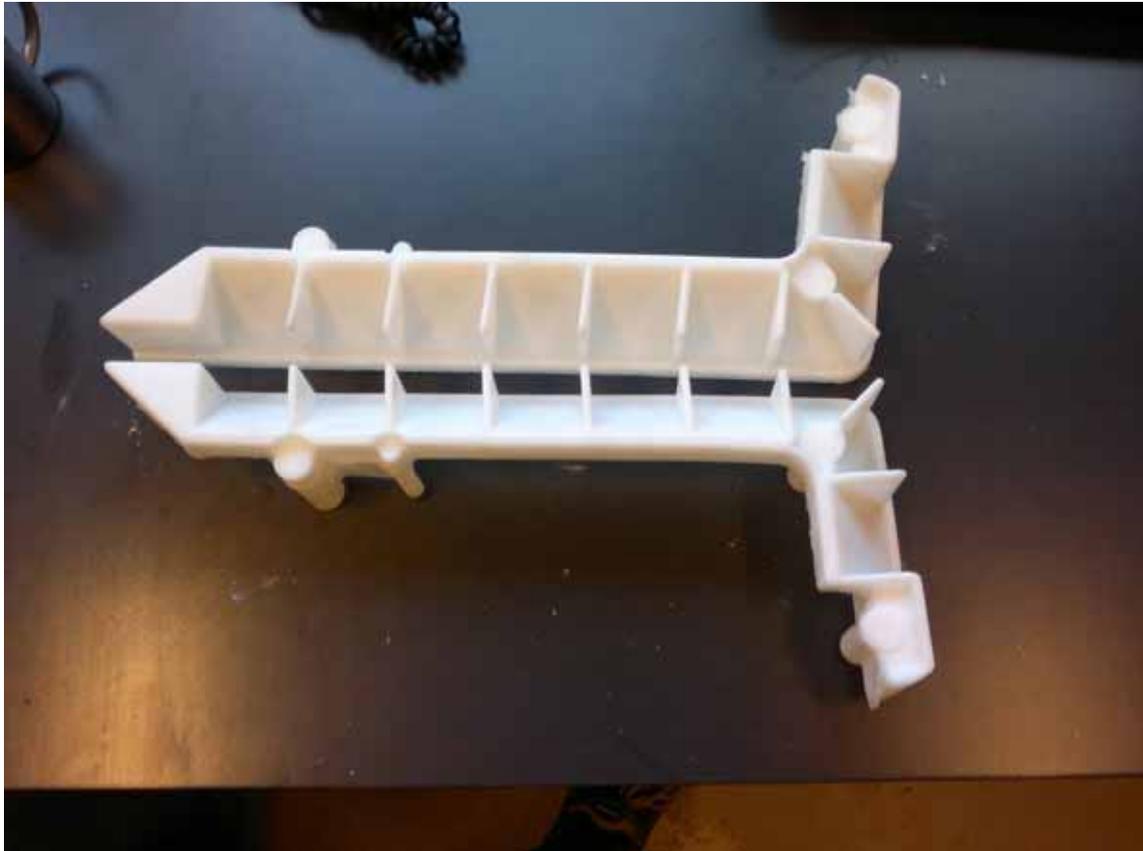
Then make a box around again for the second mold half . Make sure again you use a release agent again and then pour again a 2 component resin in the box.

So now after drying long enough . You have 2 mold parts , but still the panel in it. So now it's a difficult business to get the panel carefull out of the mold half . But if you did everything right it comes out without any broken pieces leaving behind in on mold half. And so you have youre mold for casting new parts.



Place the two mold parts together , and pour in some 2 component resin in the mold through the holes created by the iron pins.

So if you did everything the right way the first new panels come out



Just need to drill the right holes in the new parts and ready

Then the doors looking like this

