

EG 1507 - Hand Powered Van de Graaff Electrostatic Machine

6. Drill the holes according the dimensions specified on template sheet, the large ones (1½" and 1¼") should be made with the appropriate Hole Saw and the small ones with regular wood drill bits. The lateral holes on the side should be drilled nearly 3/8" deeper as stated on template sheets.

7. Clean off the template paper over the cut part to finished it.

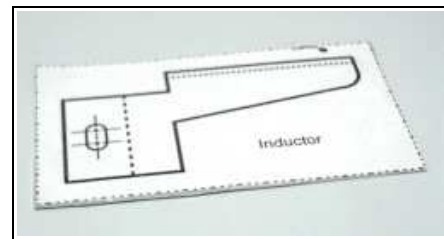


Notes on metallic parts

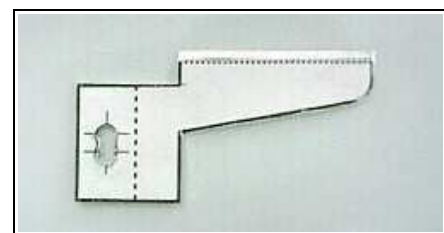
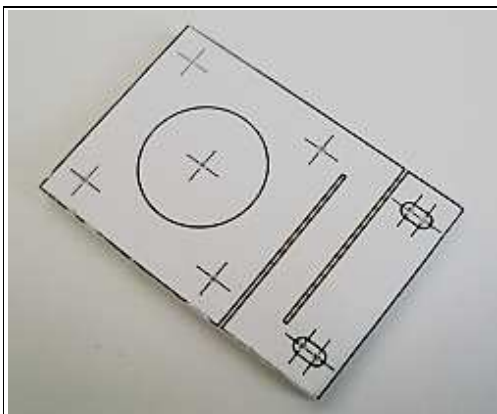
When making the metallic parts a little modifications are made on the above process:

Notes on plastic parts

When making the plastic parts, the pattern can be removed with the cutting process using the Jig Saw, if this occur just glue another pattern paper (printing and cutting other template sheet again) and use the holes to positioning the new pattern over the semi cut part and then continue the process.



- The template paper is cut around pattern over dashed lines as indicated on template sheet 10.



- The pattern boundaries are cut together with the edges of the part in an unique operation using a Metal Cutting Snips.
- Don't remove the paper over the cut part as it will be used to determine the position where the part will be bended on forward construction process.