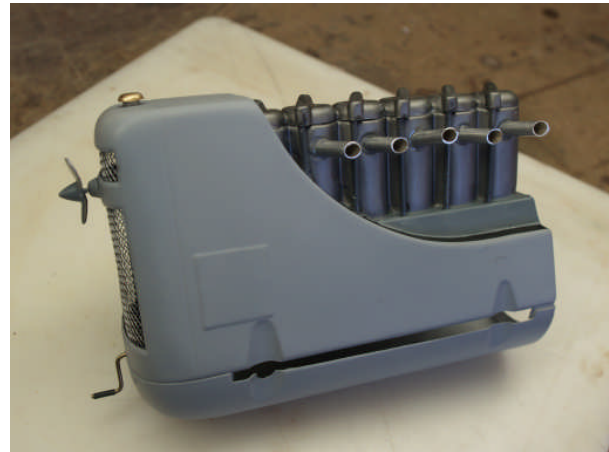
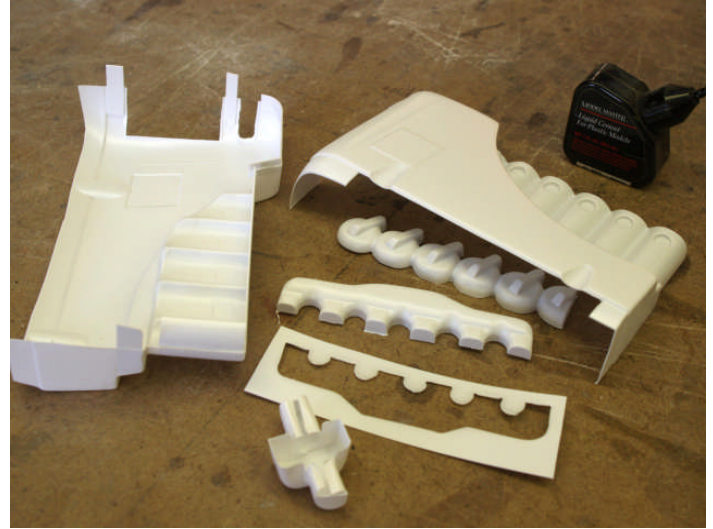


MACCHI PLASTIC MOTOR INSTRUCTIONS

Start the assembly by cutting the parts from the parts sheet. The smaller parts should be removed by sanding the back of the parts sheet with 180 sandpaper until the part is free. The half round “can” part is used as a doubler for the aft cylinder when you join the upper motor halves. The remaining doublers are cut from scrap plastic and bonded in place with plastic model cement. Note that the doubler under the radiator was formed by pulling a strip of scrap plastic over the edge of a table. Once the two motor halves have been joined, add seam filler across the top of the motor nacelle. Use epoxy to bond the screen to the inside of the model now while access is easy. A slight curve will need to be bent into the screen for a good fit. Bond the cylinder head in place now, note that the forward end will require some trimming for a good fit. Bond the lower portion of the motor in place only at the forward end, hold the aft end together with tape temporarily.



Once the glue has set and the seam filling work is done, you can paint the motor nacelle. Don't forget to scratch the paint away for the rest of the bonds. Bond the manifold and carburetor in place. Note: bend the extra plastic on the back of the carburetor to make a 3d effect. Aluminum tubing is used to add pushrod detail and exhaust stacks. Details for the wind driven water pump is below. The motor model is flexible enough to open the aft end to get the motor mounted in place. Clearance for the electric motor will need to be cut from the back of the plastic model to allow installation. Final installation can be done after every thing is in place on the airplane. Hold the back end of the dummy motor together with tape while the holes are drilled to mount the aft cover plate. Scrap plastic doublers should be installed to give the screws something to “bite”.

