

## Leek & Manifold Railway outside WC

This kit is a model of a Leek and Manifold outside WC provided by the light railway at some of their intermediate stations. Originally the railway company didn't provide facilities at any of their intermediate stations but over time they responded to pressure and provided these loo's in pairs sited behind the main waiting shelters.



### General Assembly Instructions

Do take time to read through the instructions and understand how the parts fit together before reaching for the glue pot. This kit is cut from birch plywood to give greater weather protection but birch wood is more variable in its cutting characteristics so some parts may need a little more cutting out from their frets than usual in these kits.



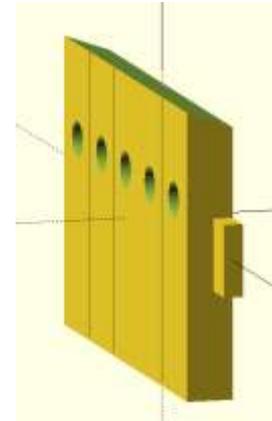
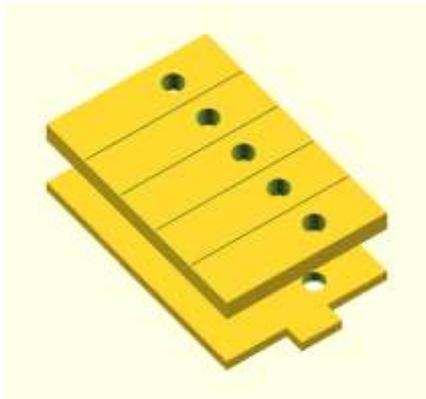
Most parts are attached to their frets by small sections of half cuts. To remove parts either cut through the remaining material from the front with a thin sharp blade (e.g. a scalpel) on a cutting mat or turn the whole fret over and with the aid of a steel ruler aligned with the pieces side, cut lightly with a knife to break through the remaining wood.



DO NOT simply try and twist the parts out of the fret, there is a risk that the part may tear. The laser cutting process will leave a degree of edge discolouration. If you plan to leave you model unpainted now is the time to lightly sand the edges to remove this discolouration.

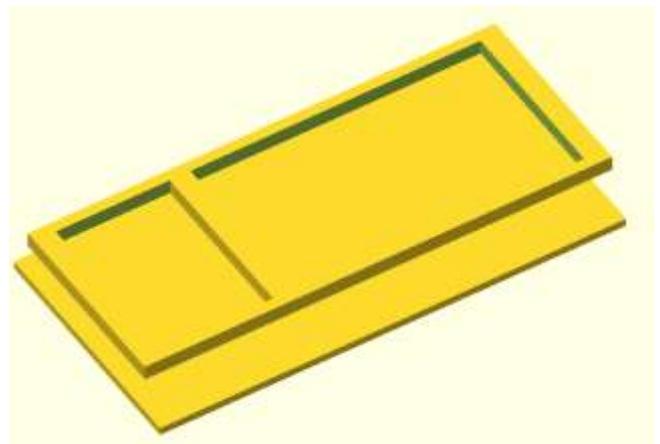
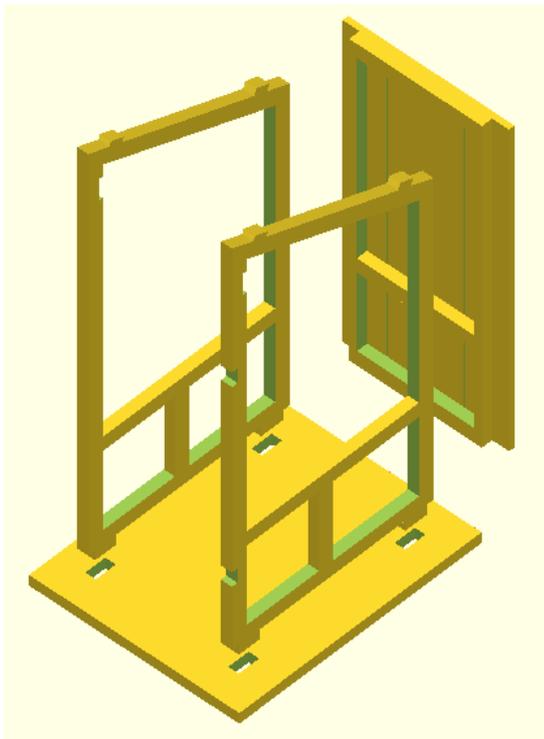
### Step 1 – Top Panel

Glue the top panel “overlay” (3mm thick) onto the top panel backing (1.5mm thick) ensuring the planking is on the outside and the ventilations holes line up. Once the glue has set; chamfer the top edge with a file to about 20 degrees. (see right hand diagram).



### Step 2 – Back Wall

Glue the back wall overlay onto the back wall frame, ensuring the planking is on the outside. Make sure the overlay “overhangs” the frame equally on both sides.

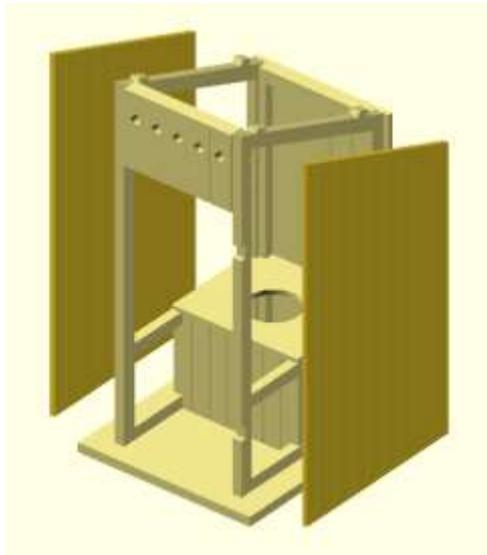


### Step 3 – Main frame

Glue the two side frames into the base (3mm ply) together with the back wall assembly. Note one side-frame has a pair of little cut-outs in its front face to locate the door hinges. Make sure these are on the side you want the door hinges. Make sure all is square and if necessary use little clamps to hold the pieces together while the glue sets.

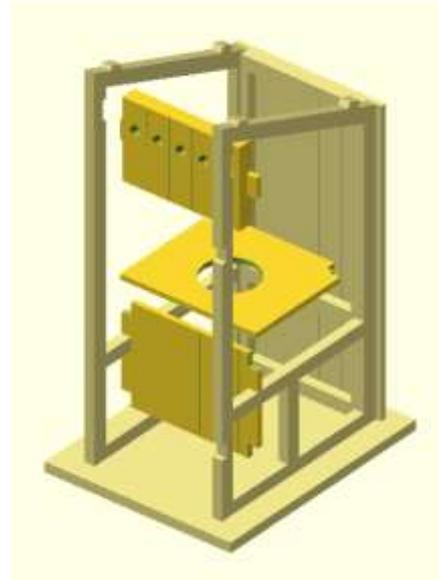
#### Step 4 – Seat of ease

Glue the seat front panel to the two vertical sections of framing and then the seat down on top of the horizontal frame members. Next glue the top panel into place above the door opening. Make sure the chamfered edge is at the top.



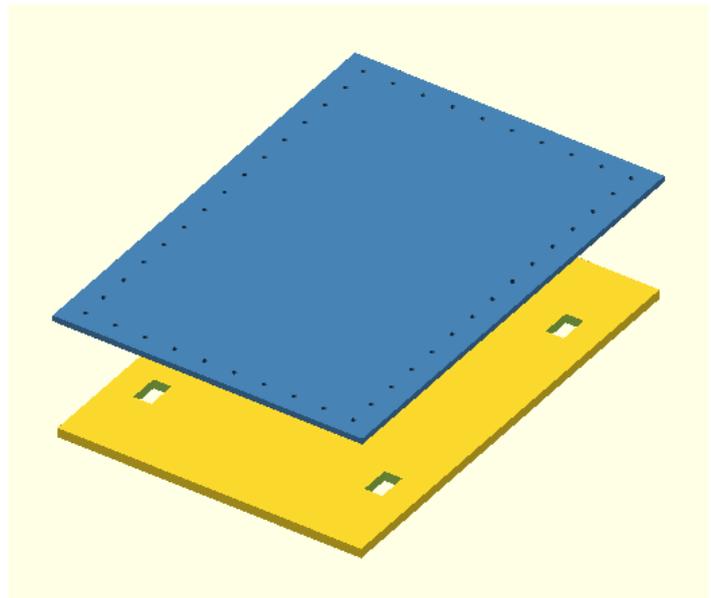
#### Step 5 –Sides

Glue the two side overlays onto the sides of the main frame making sure the planking is on the outside. Clamp, or hold in place with rubber bands and allow glue to set.



#### Step 6 – Roof

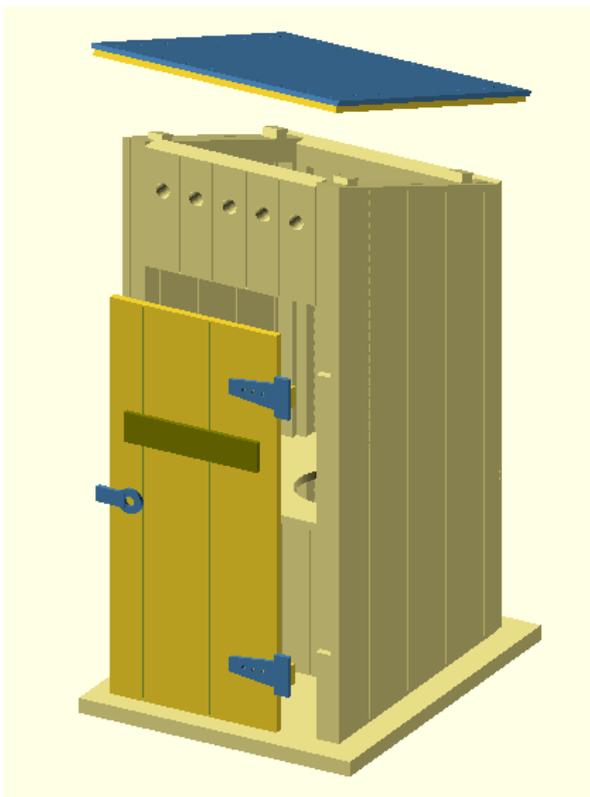
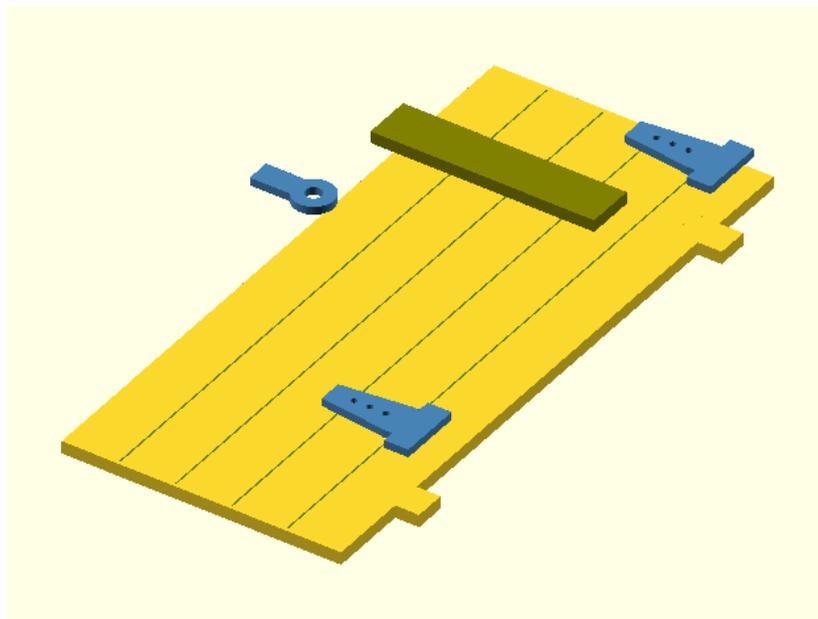
Rub both surfaces with a piece of sandpaper or emery board to remove the little ridges left at the edge of the laser cuts. Now glue the plastic roof overlay to the 1.5mm plywood roof. Use a good quality super glue or epoxy resin for this. Let the glue get into the holes on the periphery of the overlay so that glue has a good “purchase” on this part. If using an epoxy, clamp together between two pieces of scrap ply in a “sandwich” and allow glue to set.



### Step 7 – Door

Glue the plastic hinges onto the grooved side of the door aligned with the wooden tabs that locate in the side frame sockets. NB if you wish to glue the door in an open position you will have to cut the “arms” of the “T” off. Glue the plastic door latch onto the opposite side of the door so that it overhangs the edge by about 4mm.

If required glue one of the two supplied signs onto the door or top panel.



### Step 8 – Final assembly.

Now glue the roof to the top of the assembly and finally glue the door to the front; either in an open or closed position.

If you plan to leave your loo out in the elements it is highly advisable to paint or varnish this model.