

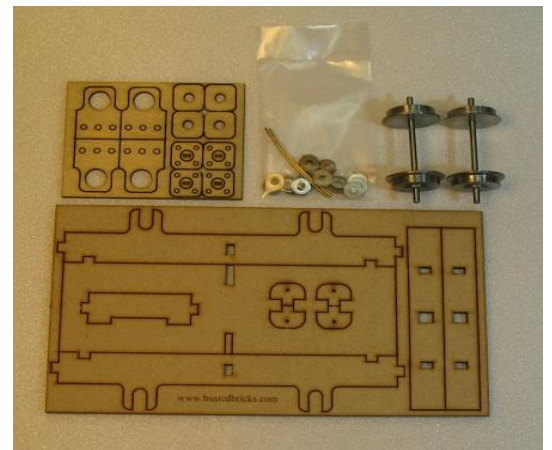
Houstoun Gate Locomotive Works Flat Bed Wagon Kit Assembly Instructions - FB1

It is suggested that you read these instructions through before commencing construction.

A minimum of tools are needed to assemble this kit. Sandpaper and sanding block plus some clamps, strong rubber bands or weights to hold parts in place while the glue dries. This kit requires glue and paint to complete. It can be built entirely with PVA (exterior type) or aliphatic resin. My favourite is Titebond III waterproof aliphatic. Excess glue can be wiped away with a damp rag. MDF is not moisture proof and the model should therefore be painted or varnished before use. First apply a sealer/primer. MDF sealer, thinned PVA or grey automotive primer all do the job. The cut edges may need more than one application of primer to seal them.. Automotive spray paint in cans works well and gives a good finish. If brush painting use acrylic or enamel paint.

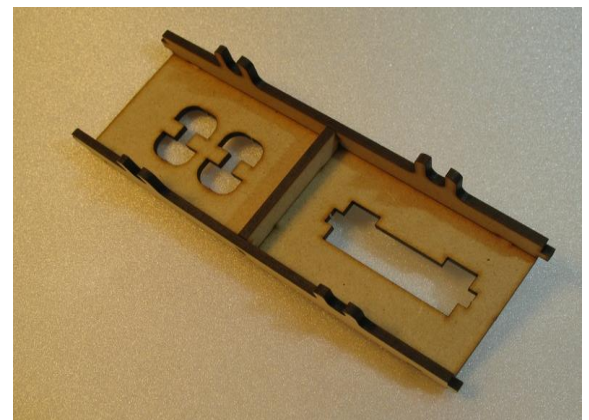
Kit Contents

Items shown in picture, plus the wagon deck

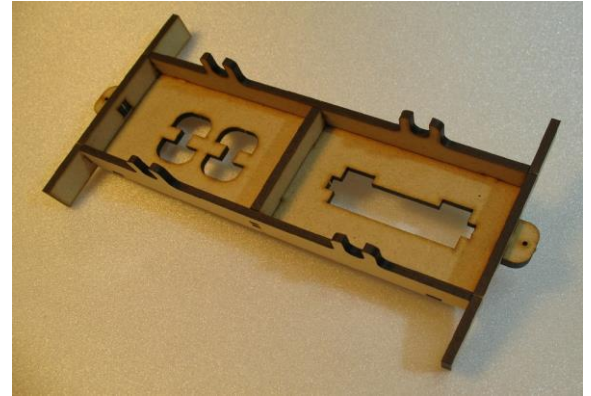


Start by carefully separating the parts from their sheets. Wriggling them lightly is normally enough to break the retaining tab. Sand the retaining tabs away on all parts before beginning assembly.

Glue the spreader to the subframe base, then glue the sides in place, followed by the buffer beams. The slots and tabs ensure parts are properly aligned.



Glue the buffer parts together and glue them into the buffer beams.



Assemble the axle boxes by layering the three parts for each axle box. Inner mounting (with large hole), then spacer (with small hole) finally outer end cap

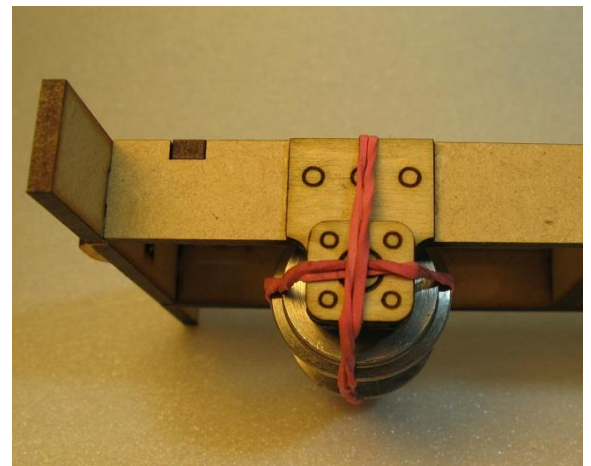


Insert a brass bearing into each axlebox

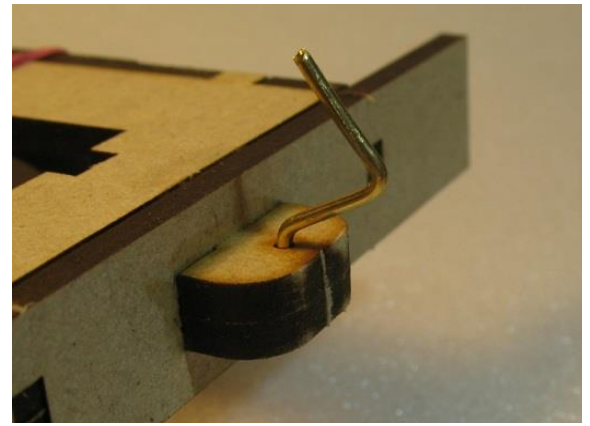


Before glueing the axle boxes onto the chassis do a dry fit by placing one to two washers between the wheel set and bearing to ascertain how tight you want the axles to be in the frame. One washer on each side gives a fair amount of sideways play to allow for less than perfect track.

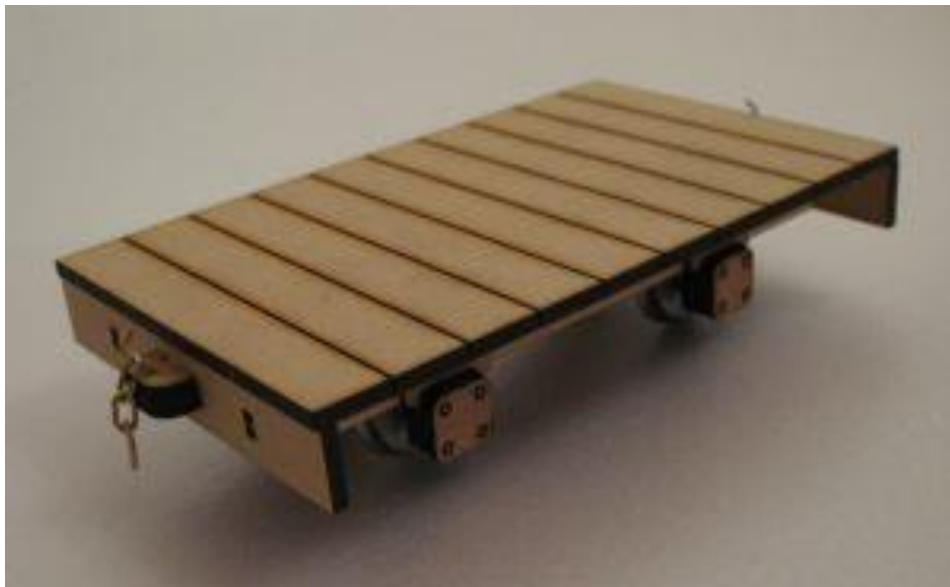
Glue the axle boxes in place. Make sure you don't get glue into the bearings. Align with the top of the chassis and hold in place with rubber bands.



Bend the brass wire to a hook shape and insert it into the hole in the buffer.



Finally glue the wagon deck in place on top of the chassis. Ensure an even amount of overhang on all sides



This completes the flat wagon assembly

If you would like to send pictures of your finished kit to pictures@hglw.co.uk we may share them on our website www.hglw.co.uk or facebook page. www.facebook.com/hglocoworks

We hope you enjoy your kit, but if you have any problem with construction email our technical help line at techhelp@hglw.co.uk