

# Assembly Instructions for the Houstoun Gate Locomotive Works 'Gordon' Body Kit

The kit is designed to fit on a Triang or Novo Big Big 0-4-0 chassis (Not supplied with this kit) or our own HGLW Gordon chassis.

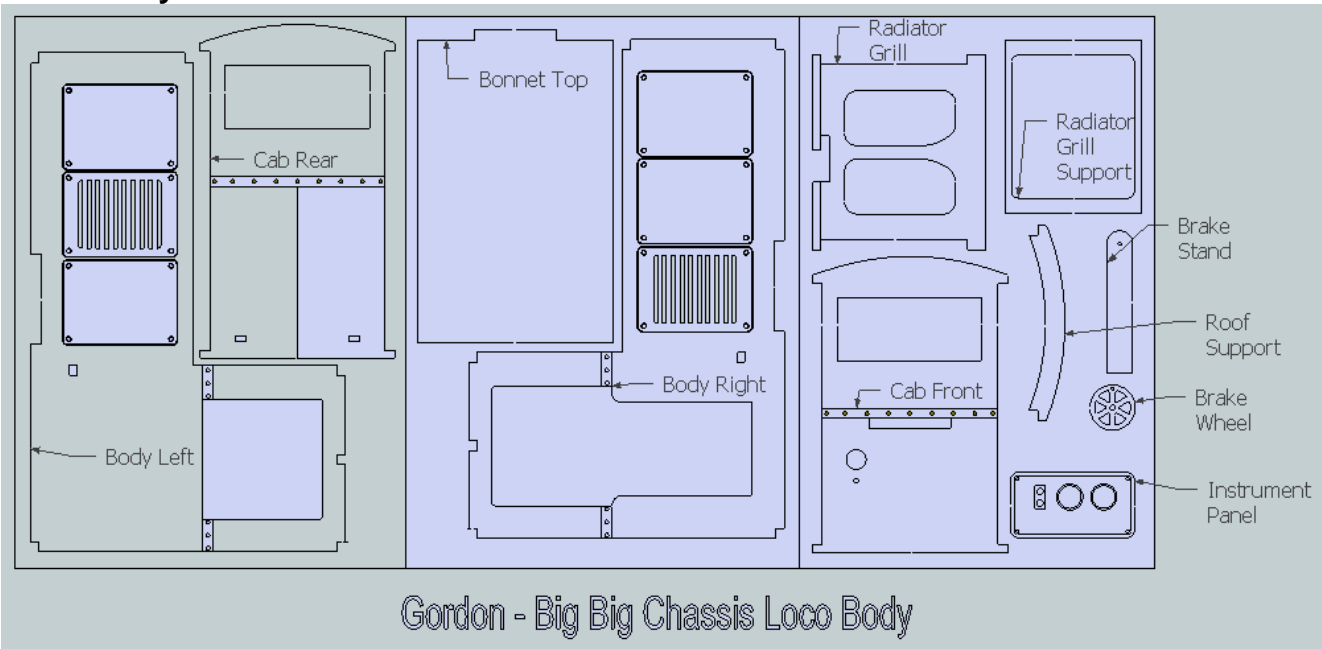
It is suggested that you read these instructions through before commencing construction.

A minimum of tools are needed to assemble the kit. Sandpaper and sanding block, some strong rubber bands 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, except for the grille mesh which is best attached with epoxy resin. A favourite glue is Titebond 3 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 will all do the job. The cut edges may need more than one application of primer to seal them. Cans of automotive spray paint work well and give a good finish. If brush painting then use acrylic or enamel paint.

## Cab fret layout

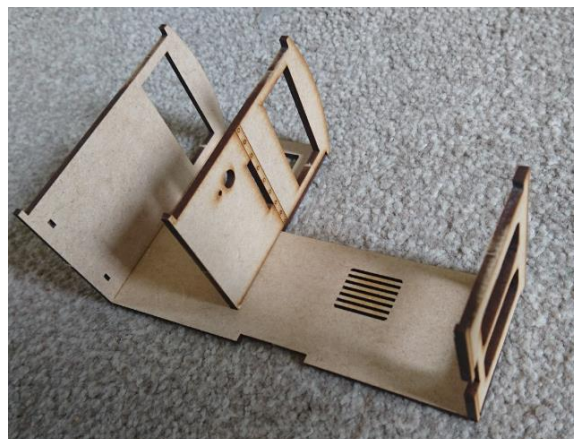
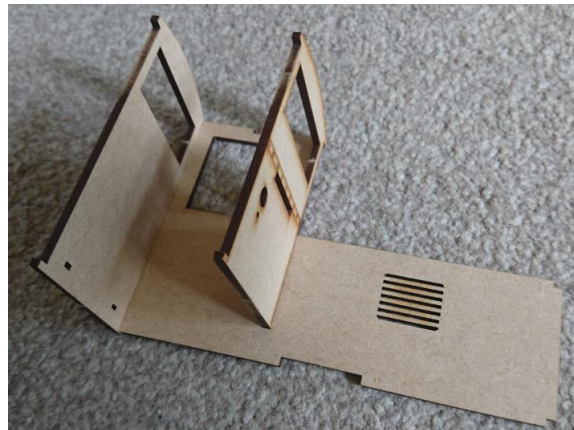
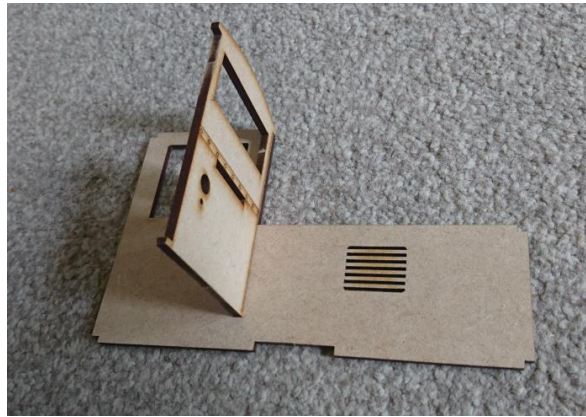


## Assembly

Carefully separate the parts from their sheets. Wriggling them lightly is normally enough to break the retaining tab. You can also cut the tabs with a sharp modelling knife. Sand the retaining tabs away on all parts before beginning assembly.

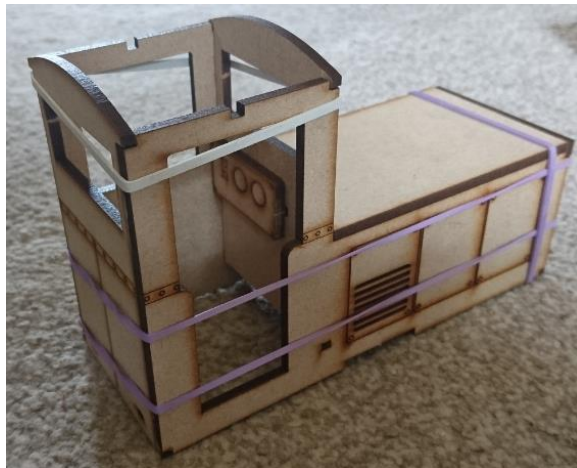
Glue the parts together in the sequence shown in the pictures below. You can dry assemble the loco first to get an idea of how it goes together. If you intend to paint the inside of the cab then it is a good idea to do so before you add the roof rib.

It is also suggested that you apply glue the cab front, cab back, radiator grill, left and right sides all in one go, then use the bonnet top to ensure everything is aligned and square. Use elastic bands to hold everything in place until the glue is dry before proceeding





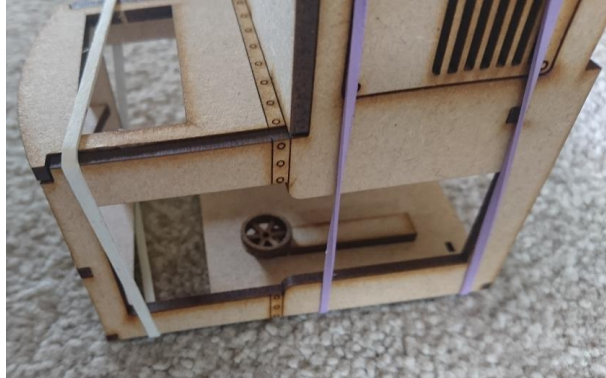
Glue the control panel into place inside the cab front



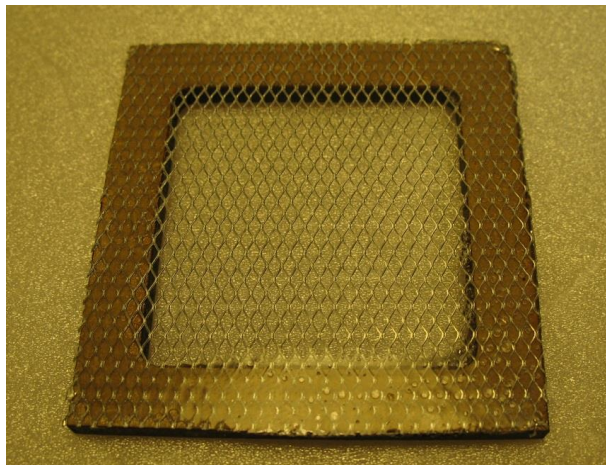
Attach the brake wheel to the brake stand



Once dried, glue the brake assembly to the inside of the cab back. Ensure the brake stand is high enough from the base to clear the plinth moulding on the Big Big chassis.



Glue the mesh on the inside of the Radiator Grill Support (Epoxy resin is advisable for this). Once the glue has dried trim the mesh to size.



Glue the mesh assembly to the inside of the Radiator Grill



Attach the roof support, then glue the roof into position ensuring an equal amount of overlap on all sides. Be generous with the amount of glue used. Use strong elastic bands to hold the roof in place overnight until the glue has fully dried. (Top tip – It is useful to use spare strips of scrap mdf under the bands to even out the pressure of the bands on the roof)



Glue the window frames in place. Do not fit the perspex glazing until the model has been painted. The glazing has a protective film on both sides, remove this before fitting.



Some people prefer to round off the top edges of the bonnet before painting. This is a simple kit but you may want to personalise your loco with grab handles, exhaust pipe, driver etc. The limit is your imagination!

If you would like to send pictures of your finished loco to [hglw@eagleassist.com](mailto:hglw@eagleassist.com) we love to include them in a gallery on the website or our facebook page.

The loco is designed to fit on a Triang or Novo Big Big 0-4-0 Chassis. There is a hole in the cab bulkhead to accommodate a switch should you decide to remove the original (and often faulty) side switches on the chassis.

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