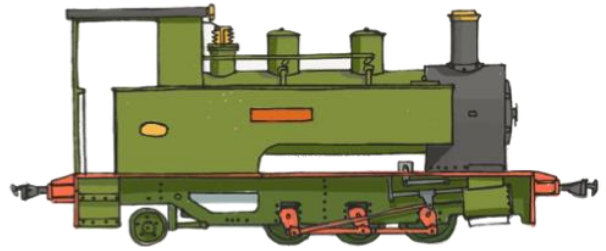


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BMGC Series Instructions

GWR Hawksworth Autocoach



Requires

- Slaters Plasticard 1:32 3ft 6inch Wheels
- Walshall Engineering 3 Link Couplings

Required Tools

- Fine Sandpaper/Emery paper or boards
- Small Files
- PVA Glue
- Super Glue
- Sharp Craft Knife

Prototype Information

These and similar coaches were used around the Western Region for a wide range of passenger services being designed by design personnel under CME Frederick Hawksworth. The examples designed cover the last bogie coaches designed by the Great Western Railway and were the most modern designs produced by that company.

About the Kit

The kit is a wooden kit comprising of a set of laser cut wooden parts and 3D printed sections.

Chassis Fitting

This kit is designed for the Bowaters Models GWR Hawksworth Bogies. These is assembled as per the instructions.

Couplings

This kit is designed to make use of Walshall Engineering 3 Link Couplings which are to be mounted in the prototypical location.

Instruction notes

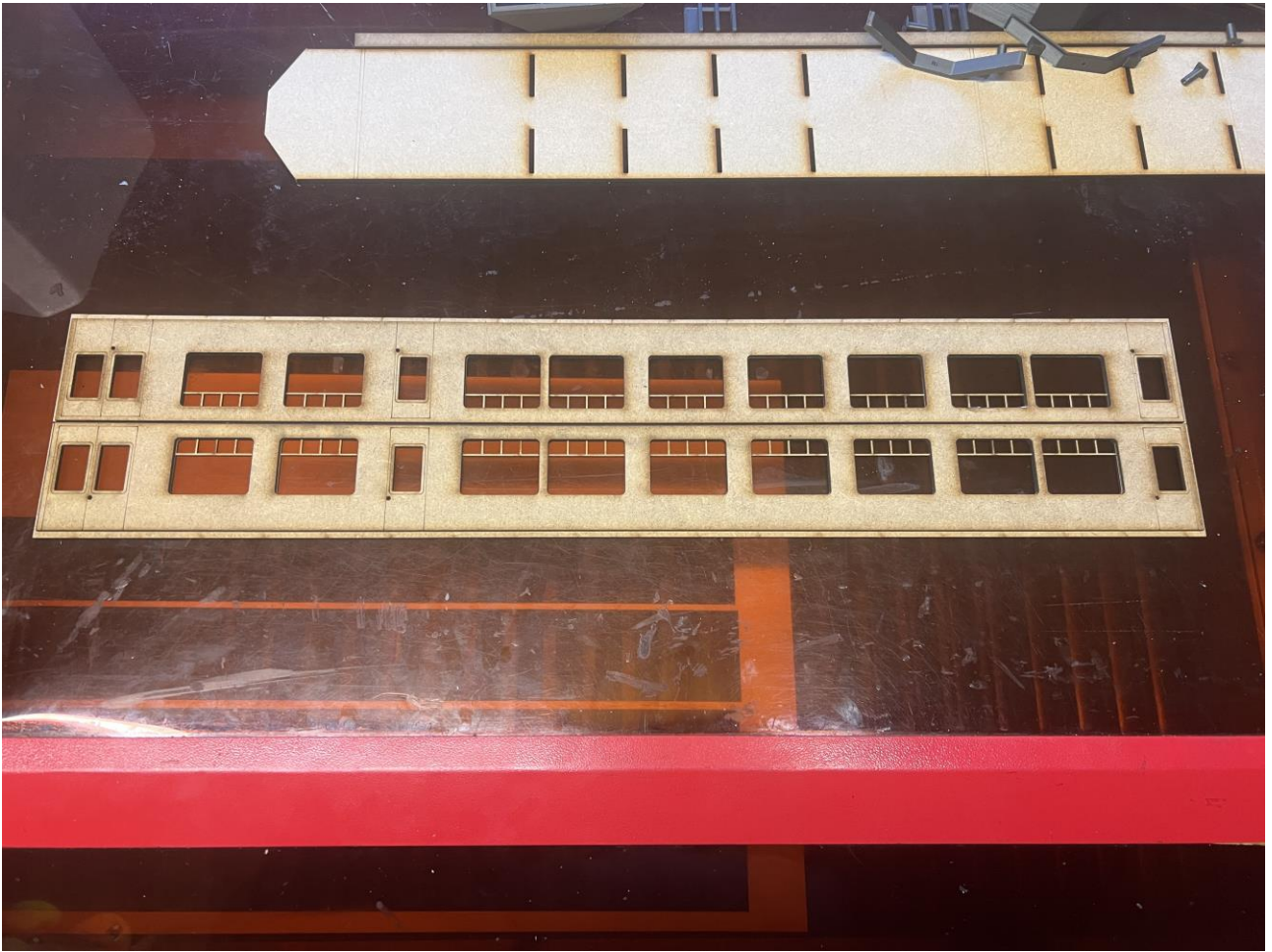
With these instructions, there are images which show various stages of the construction of one of the kits. They are of the Test build for BMGC-069 which isn't representative of the kit you have brought. They are for reference purposes only.

Painting

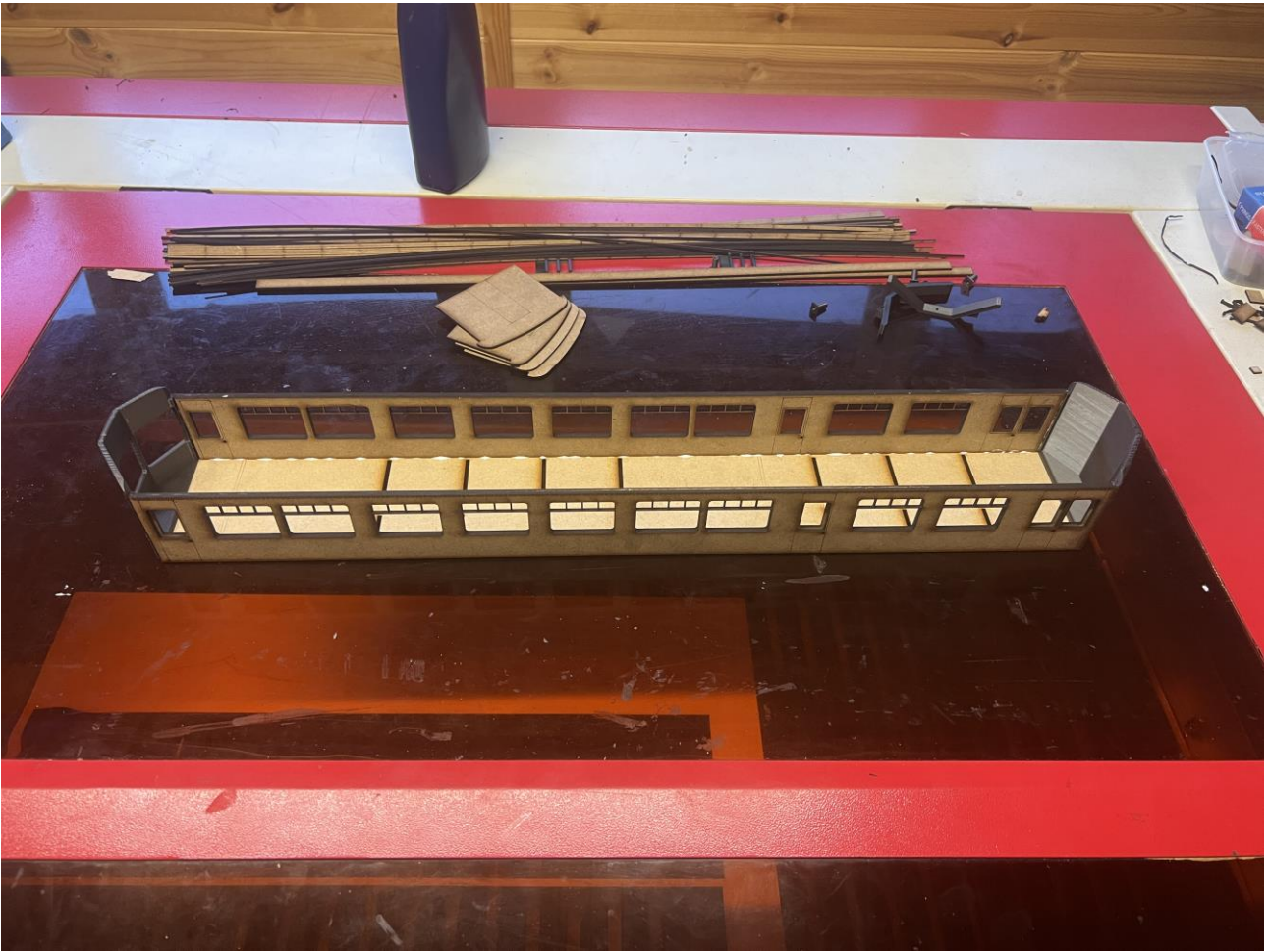
For painting, it is recommended you refer to prototype images to ensure the models are in the condition that you model (Grouping or Nationalisation).

Please Turn over

Please read though these instructions before beginning to assemble your
kit



Start by gluing the sides together. Each side is paired with each other so that the door handle holes line up.



Now its time to assemble the body shell, glue the end panels and sides onto the floor with the etched details facing upwards.



Next, glue into place the internal partitions into the coach.



To assemble the interior, start by gluing the seat uprights into the slots in the floor.



While the seat uprights are drying, glue the seats together using the two parts provided.



Now is a good time to glue on the bufferbeams and the chassis sides onto the underframe.



Next, glue in the seats to complete the interior.



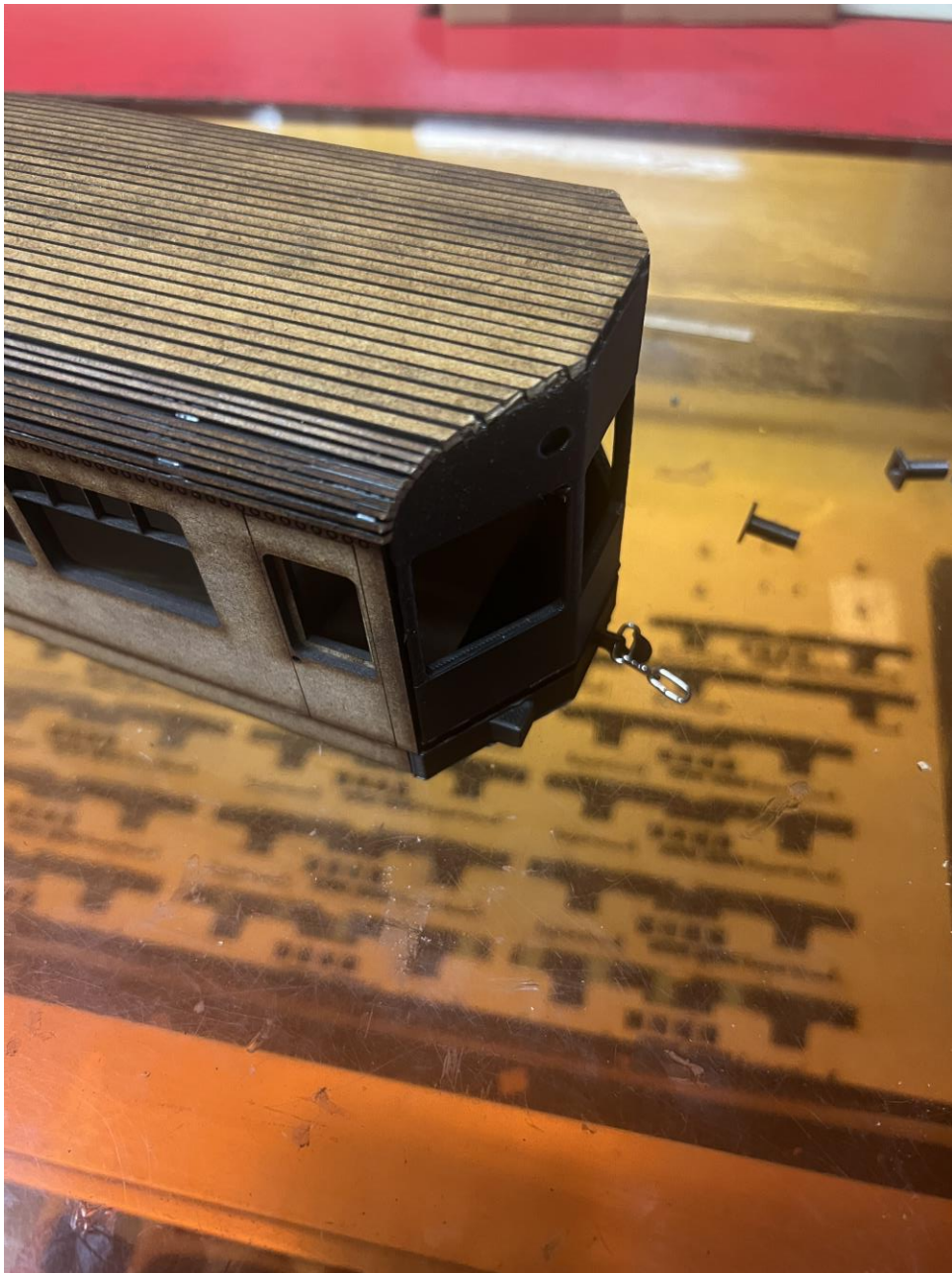
Now glue into place the roof supports to fill out the roof space.



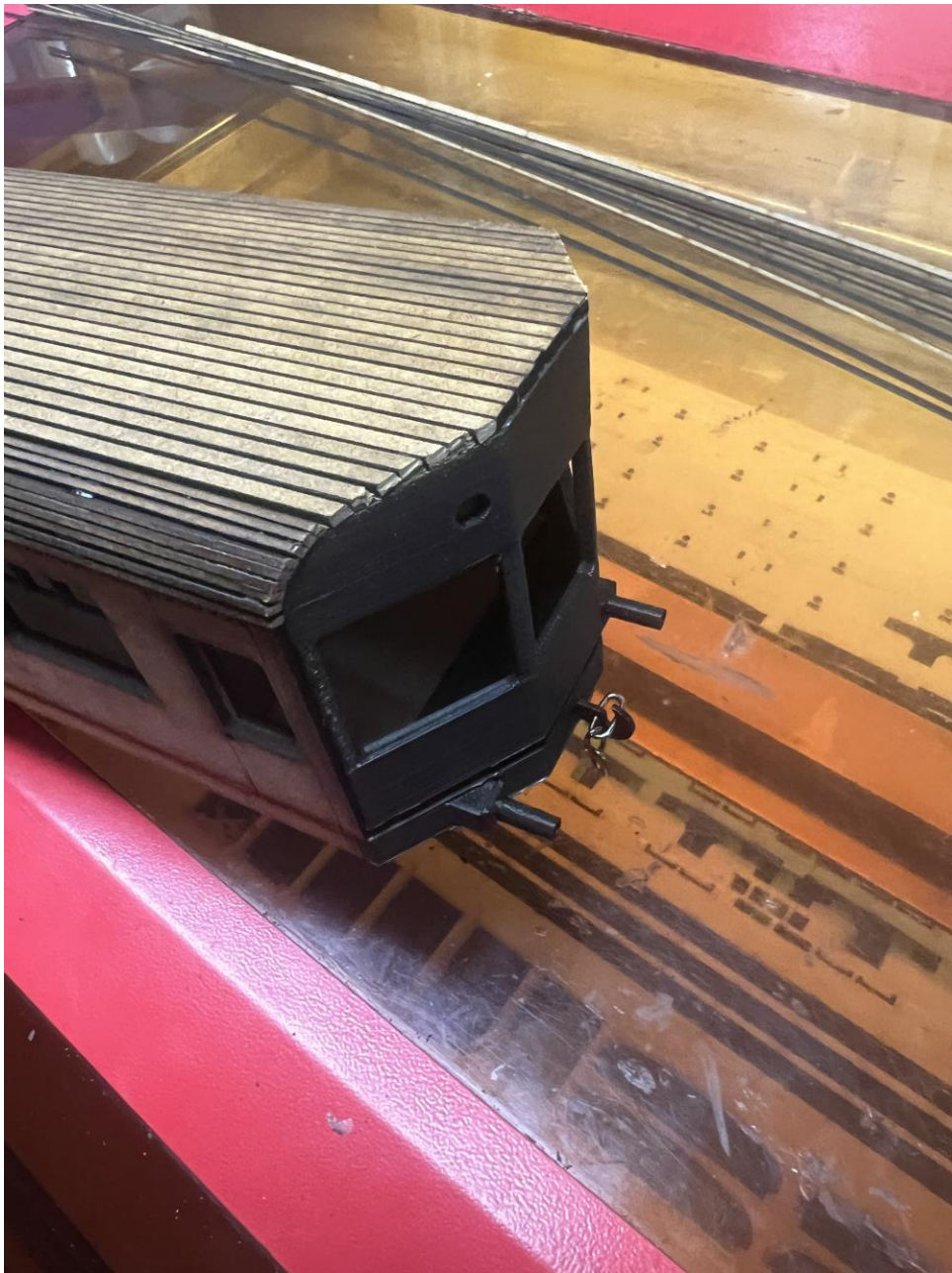
Now time to glue the roof on, start with the wider panels over the larger curved section.



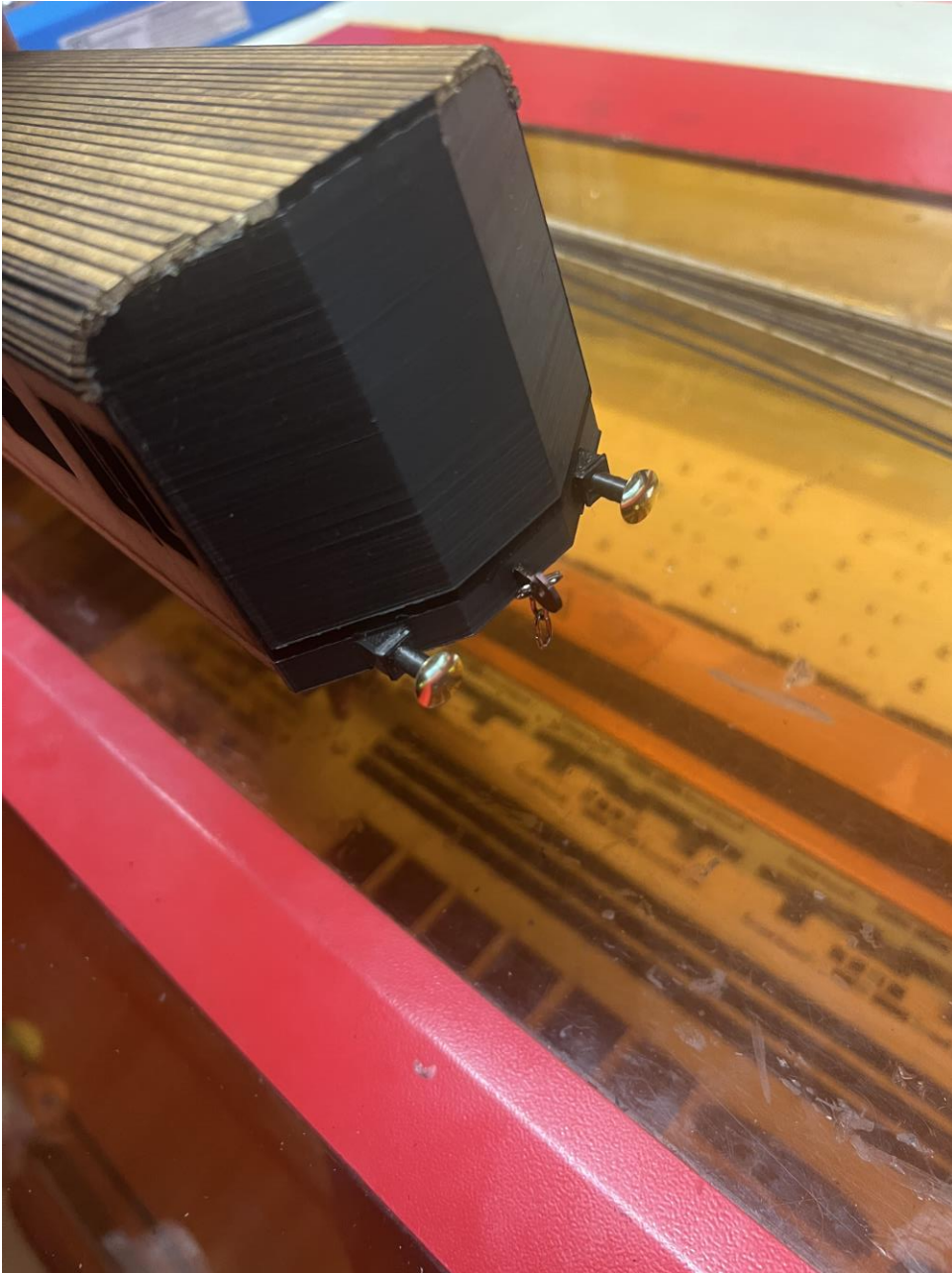
Now, glue into place the thinner sections over the tighter curved sections on each side of the body.



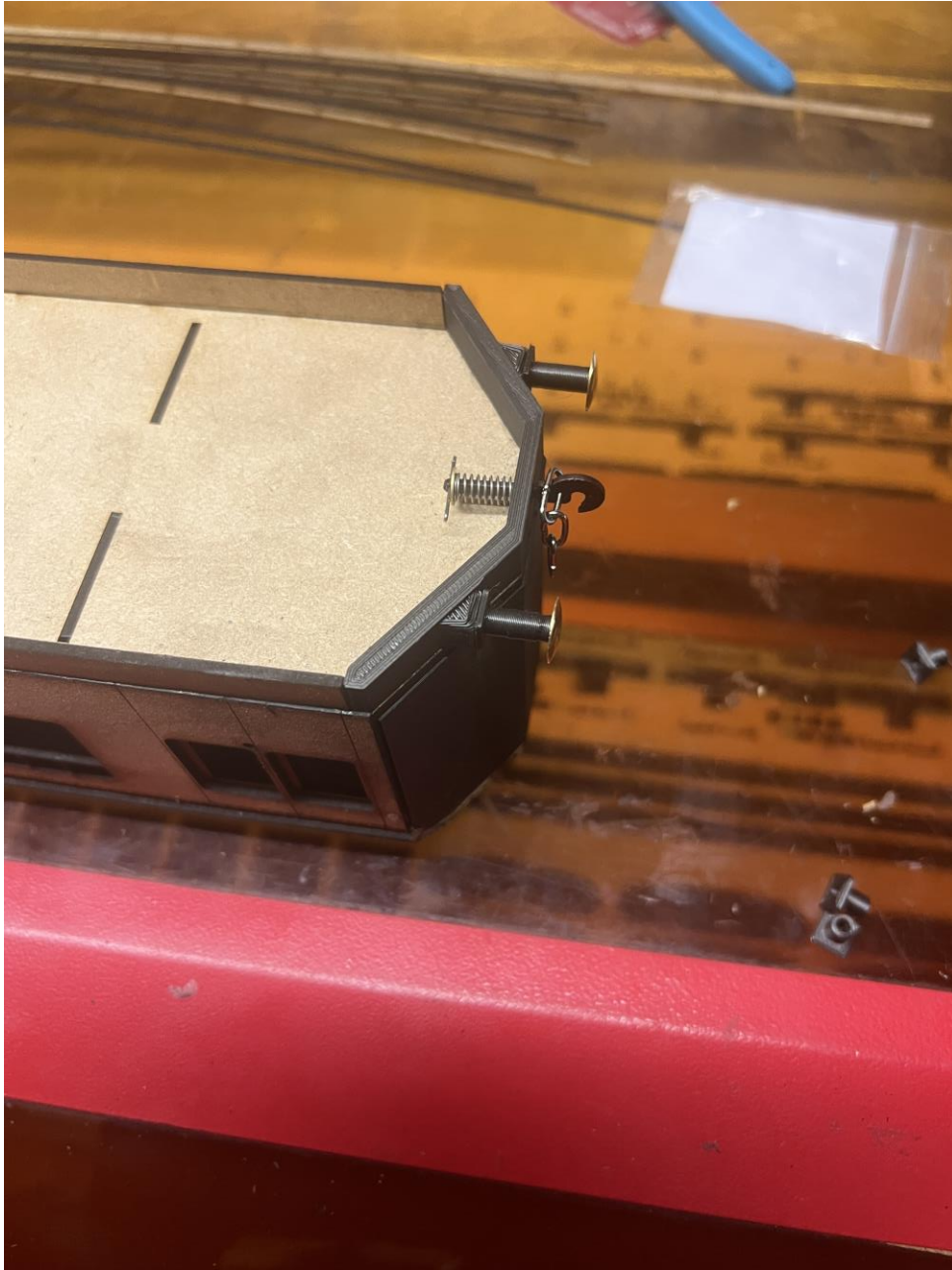
To complete the roof, trim down the roof to match the end profiles of the coach.



To start final assembly, glue into place the buffer housings into their mounts on the bufferbeam.



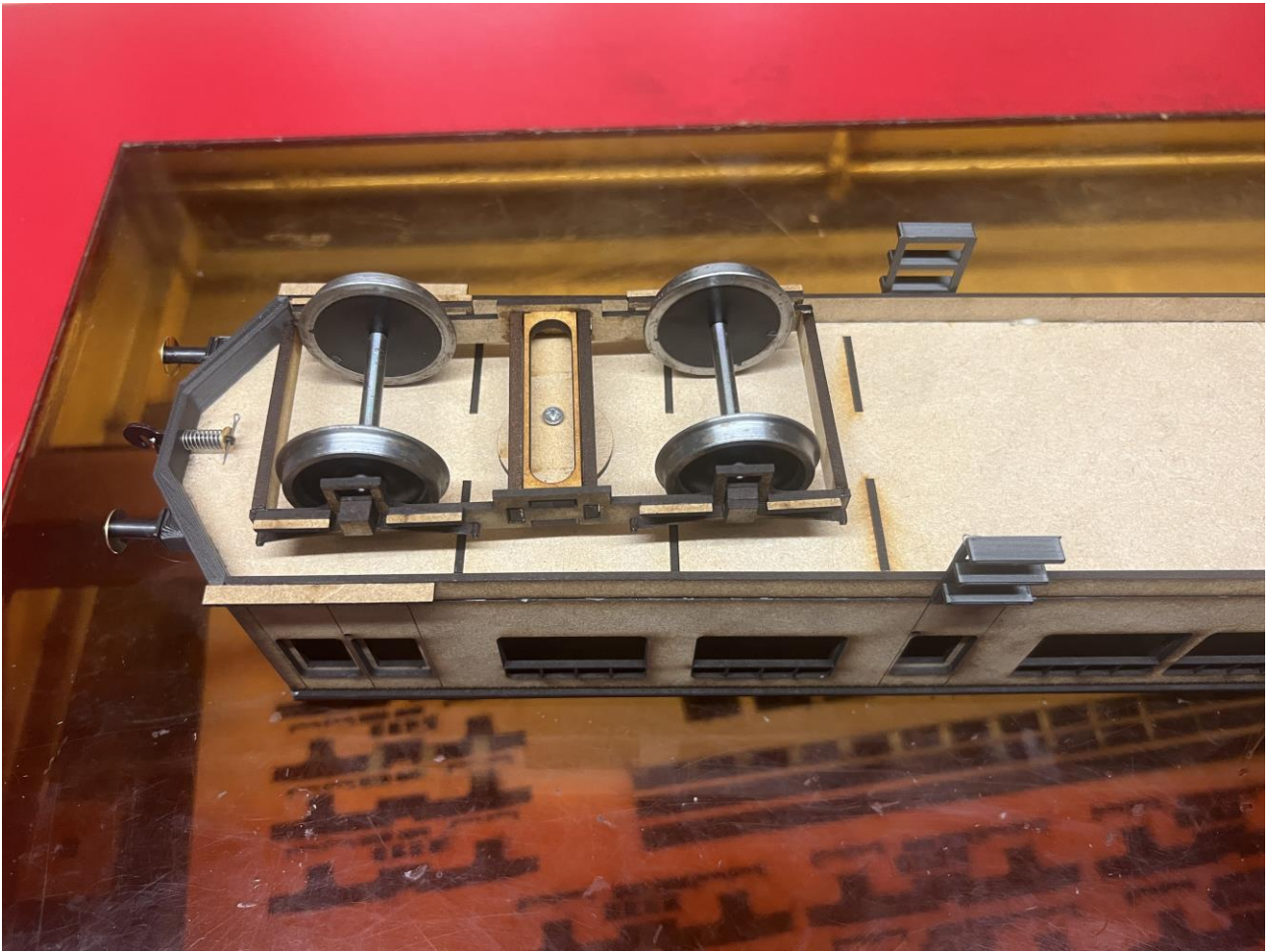
Now, glue into place the buffer heads themselves into the bufferbeams.



Now, install the couplings into their slot in the bufferbeams.



Next, glue into place the side steps.



Now it is time to glue into place the bogies. These side inside the body in the prototypical location.



To finish the model, glue into place the Truss Rods. There are 4 in total which are evenly spaced across the body.

Your Model is now complete.



We hope you enjoy your Bowaters Models kit! If you have any questions, don't hesitate to contact us on info@bowatersmodels.co.uk

We thank you for your custom.