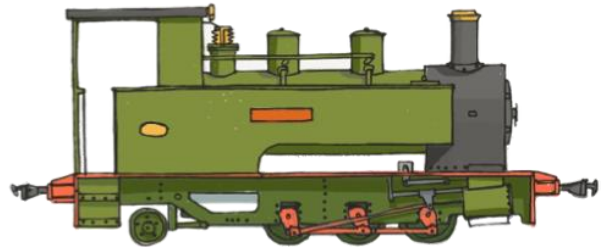


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BMGC Series Instructions

Pullman Car Company K Class Coaches



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 United Kingdom built for luxury dining services. The K class being the most numerous class abet with variations across the fleet. A number of these coaches survive in preservation both on preserved railways and on the Mainline.

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 Pullman Bogies. These is assembled as per the instructions.

Couplings

This kit is designed to make use of Walshall Engineering 3 Link Couplings or Kadee 820s which are to be mounted in the prototypical location.

Instruction notes

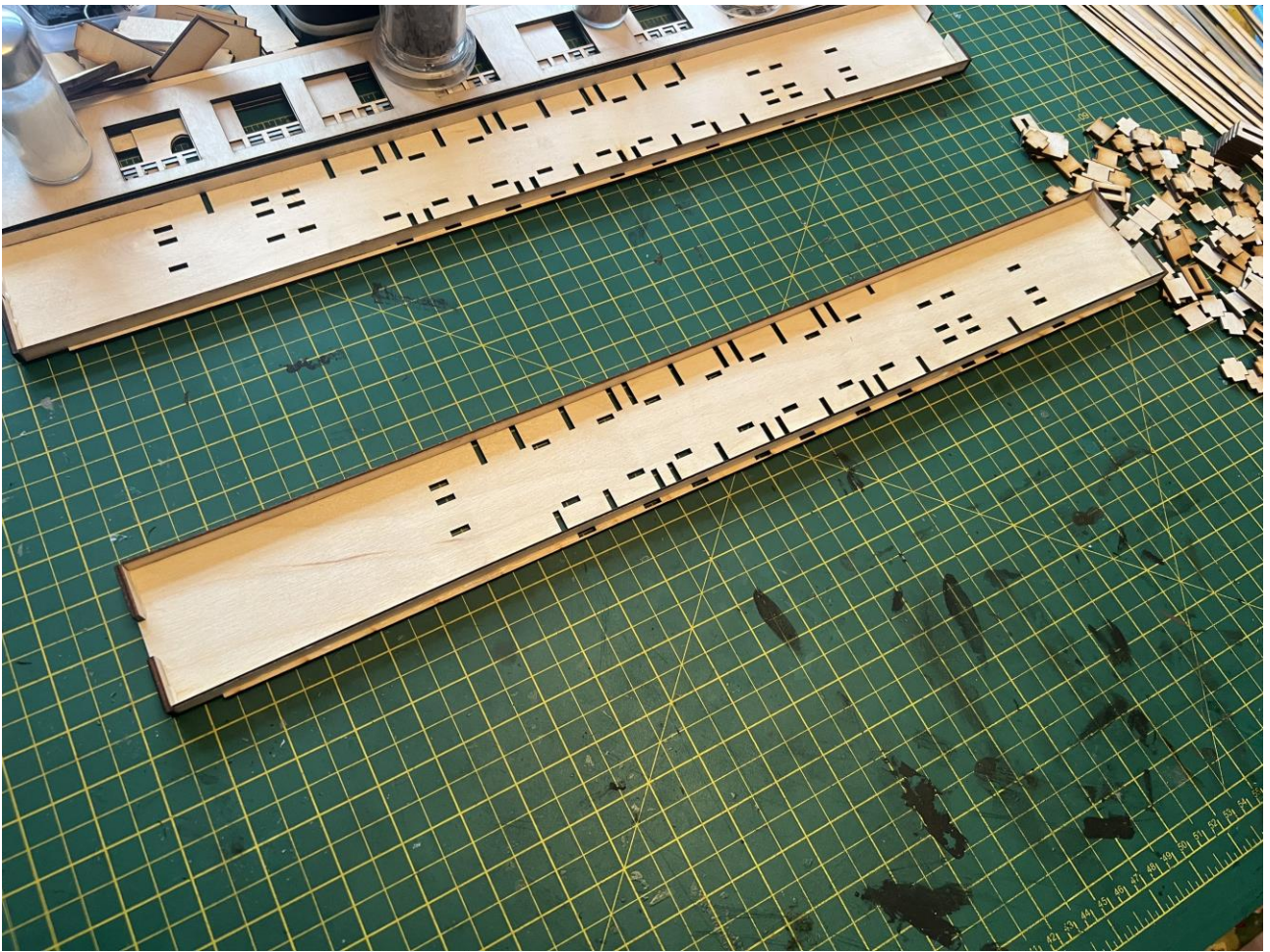
With these instructions, there are images which show various stages of the construction of one of the kits. They are of the Test build for BMGC-051, GC-052, GC-053, GC-054 and GC-055 which may not be representative of the kit you have brought. They are for reference purposes only.

Painting

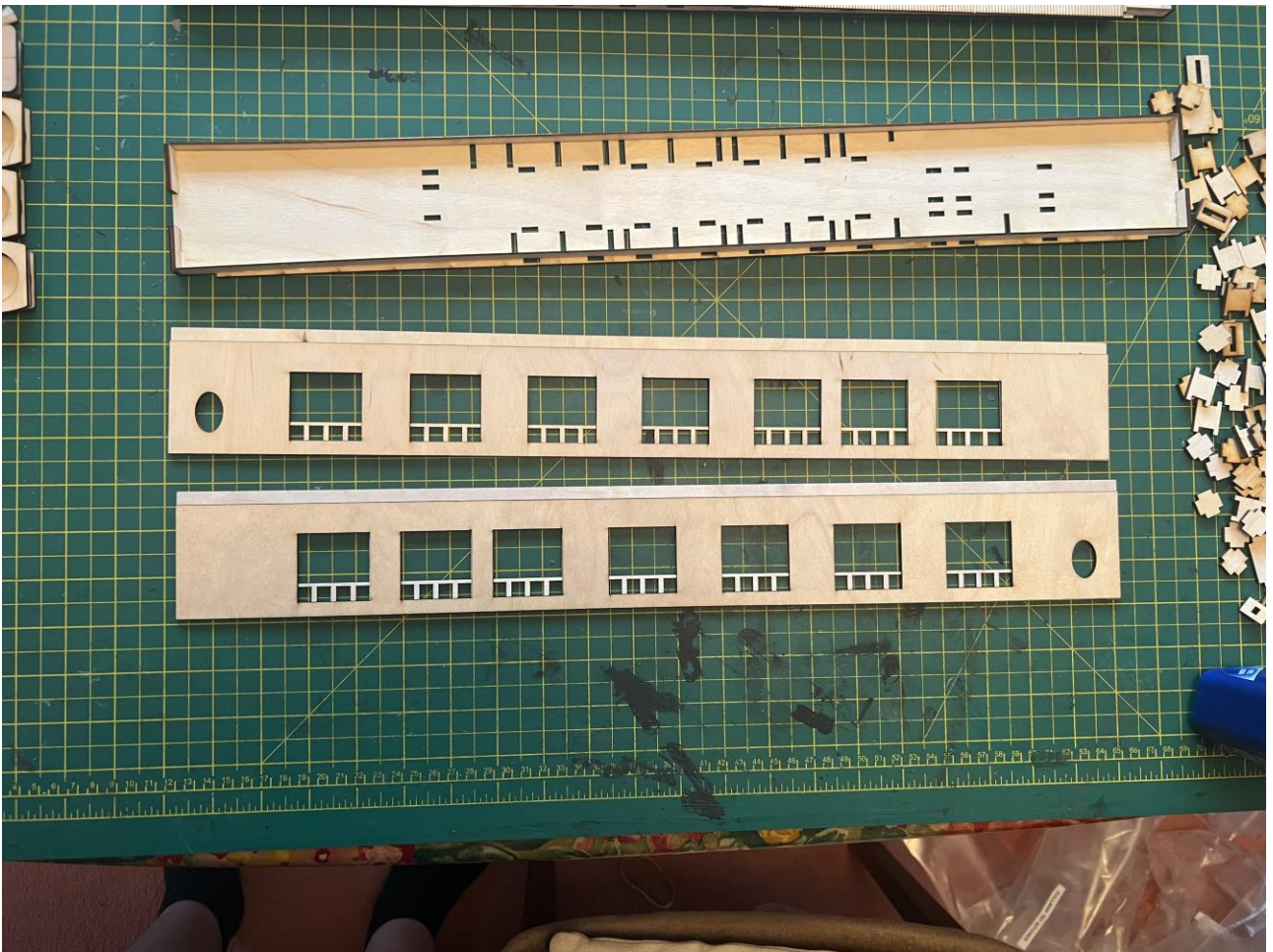
For painting, it is recommended you refer to prototype images to ensure the models are in the condition that you model (Grouping or Nationalisation).

Please Turn over.

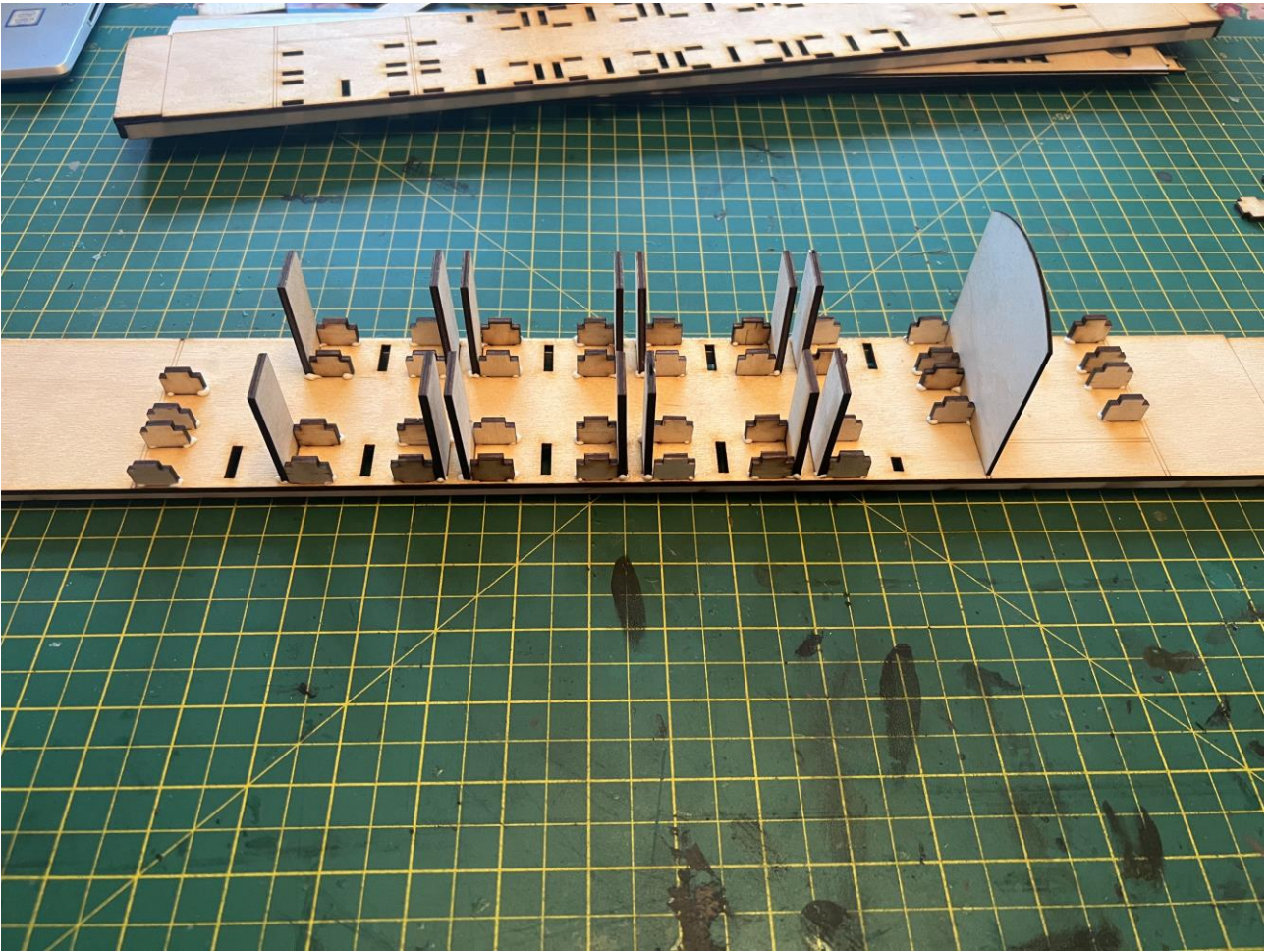
Please read though these instructions before beginning to assemble your kit.



Start by gluing the chassis together. If you're using Kadee couplings, use the 4 shorter sections that leave a gap in the middle for the Kadees to slot through. If you're using 3 link couplings, glue on the buffer beams that are full width.



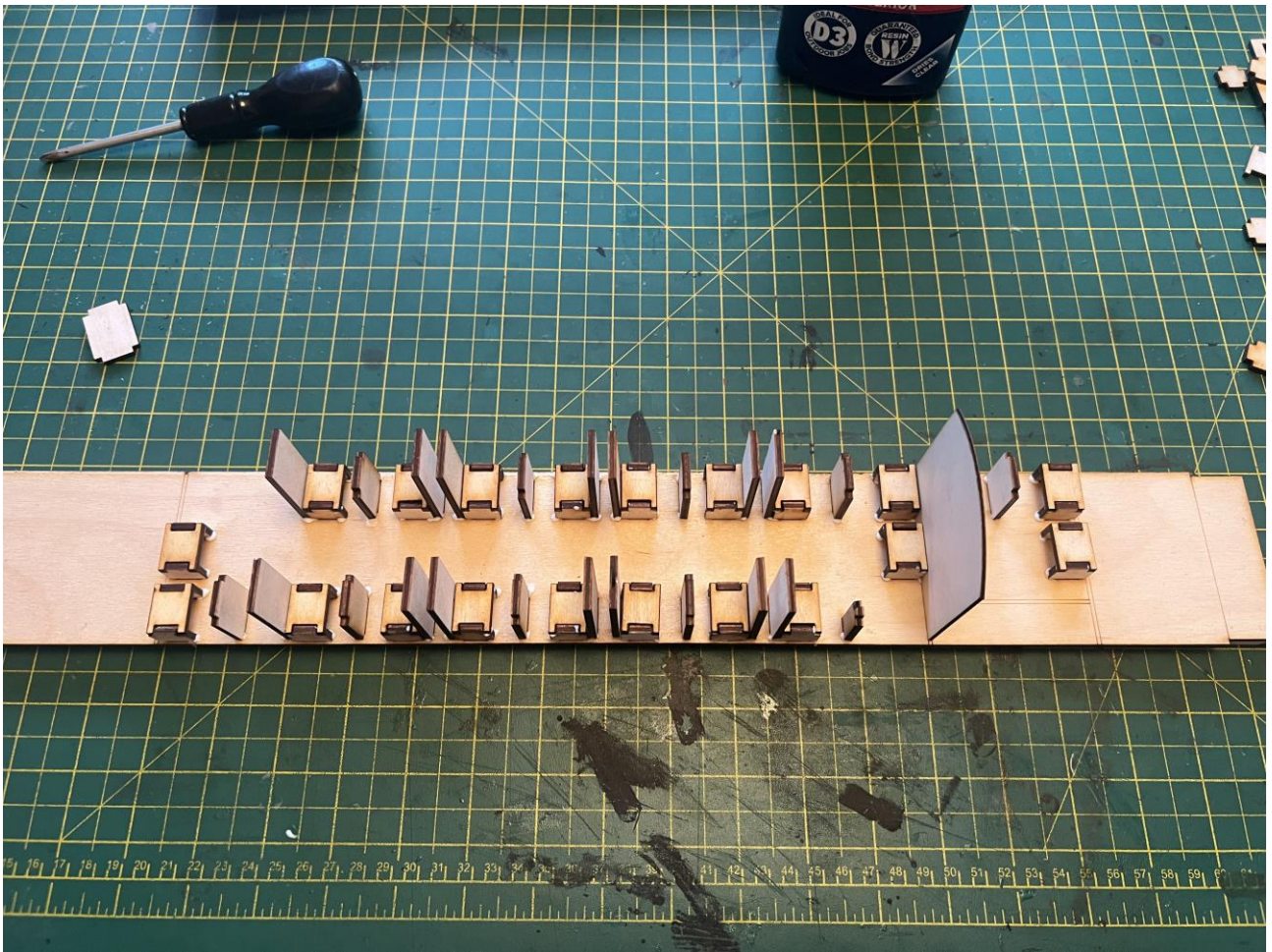
Next, glue together the coach sides, these are paired and are formed of 2 parts.



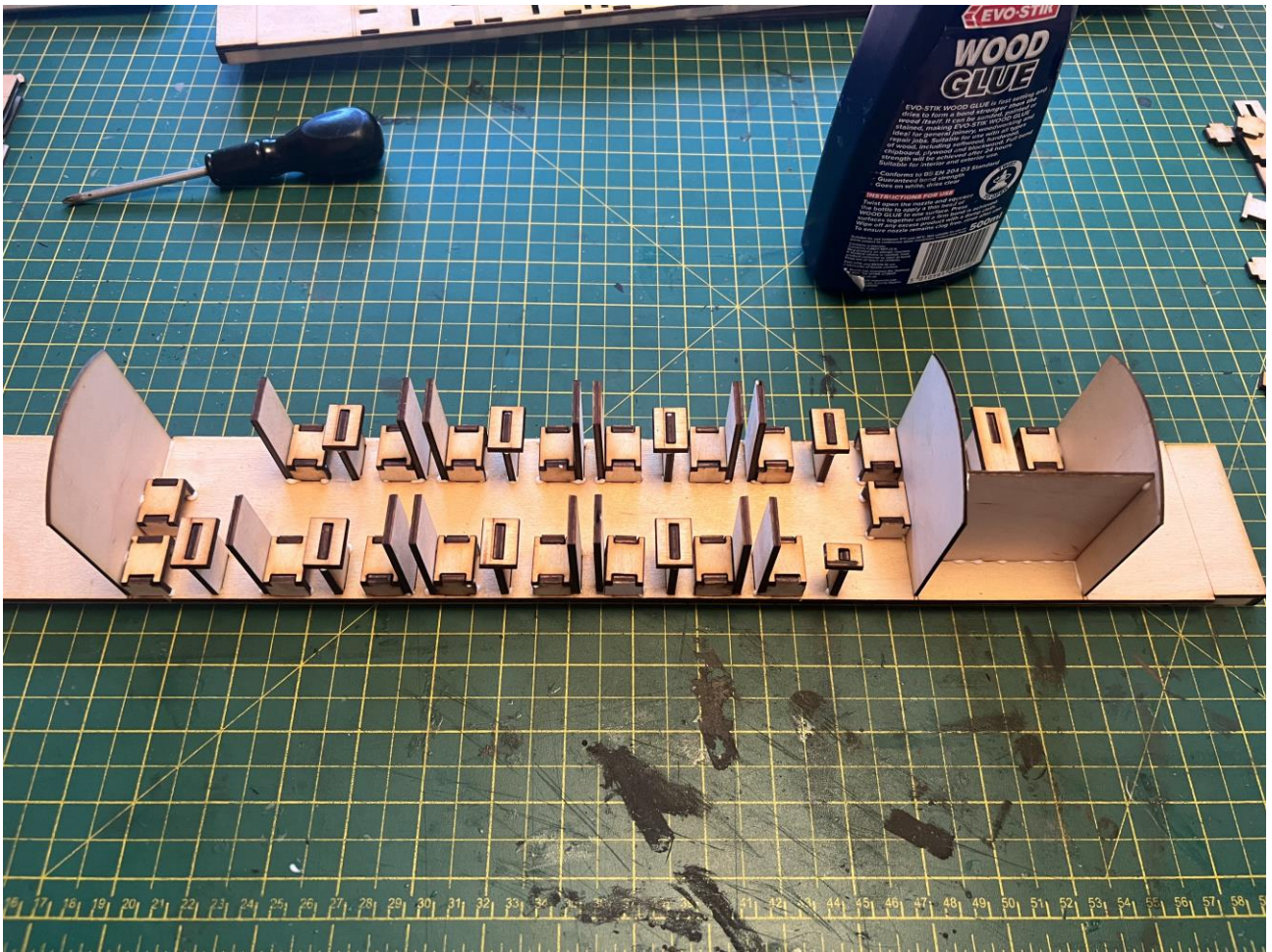
Next, time to start the interior assembly. Glue the internal uprights as well as the seat backs and seat support into place.



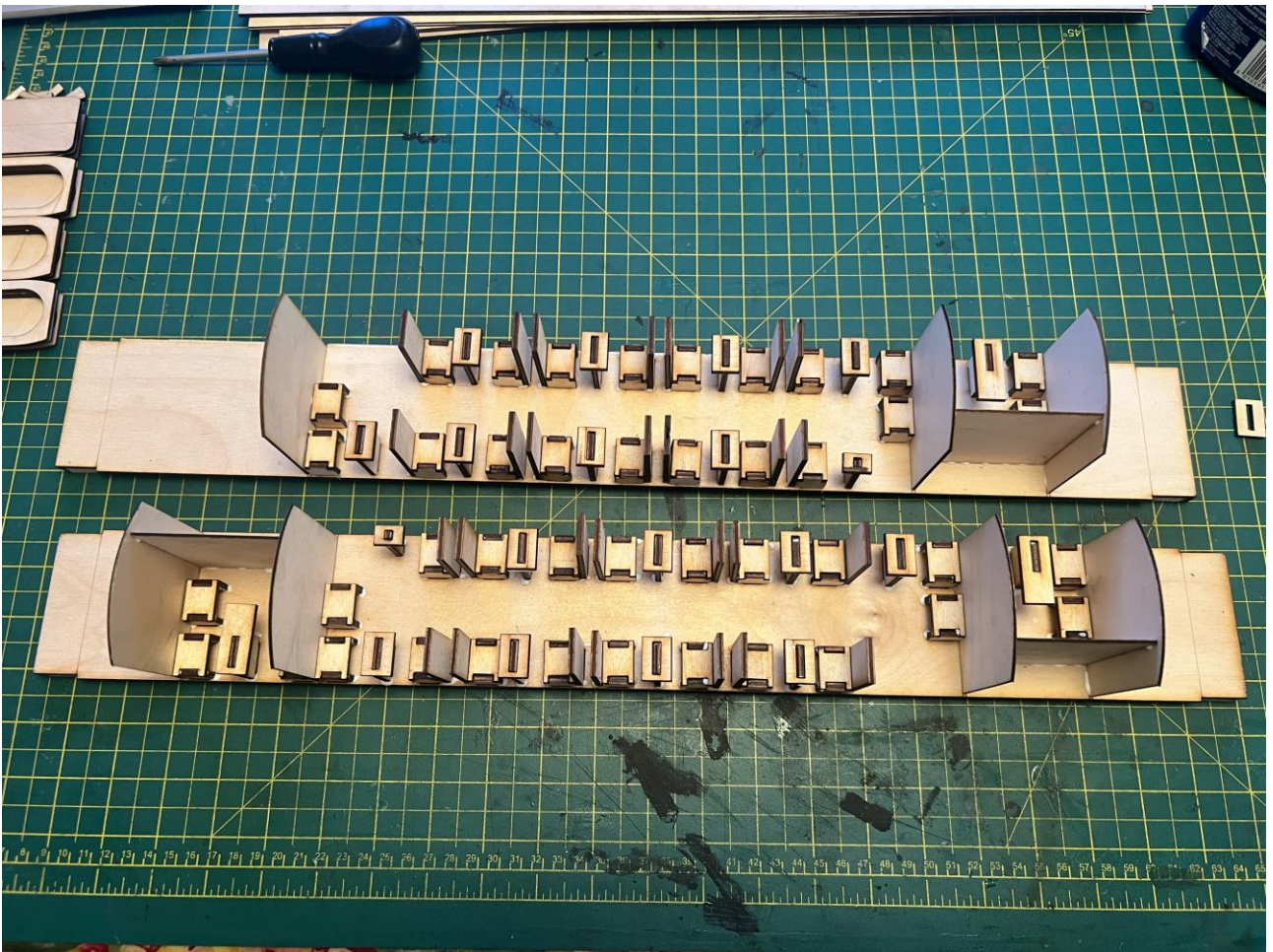
Next, glue into place the table supports.



Now glue into place the seat tops.

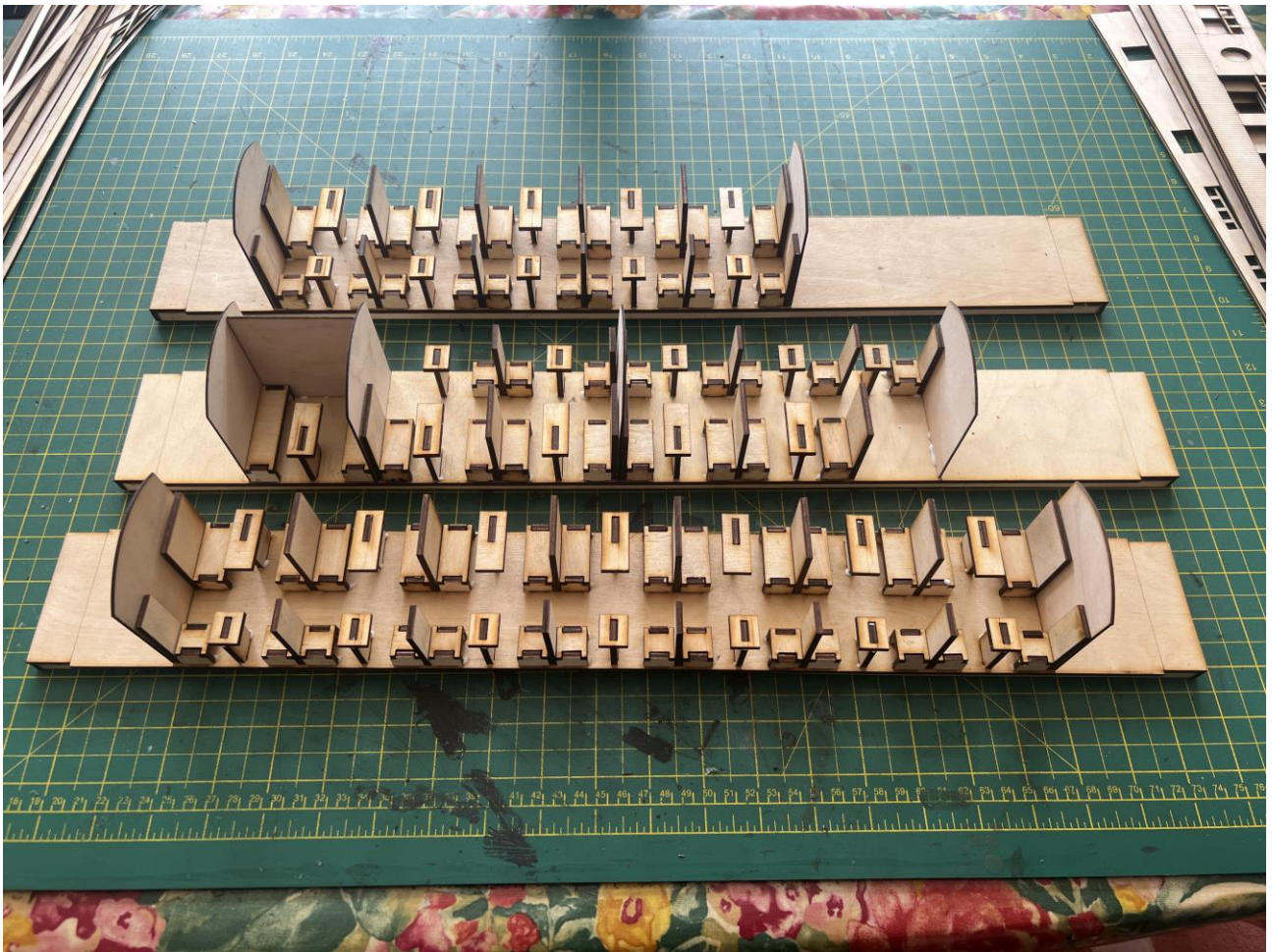


To finish the interior, glue the table tops and the rest of the model's interior onto the body.



Coach Internals

Top – 1st Kitchen
Bottom – 1st Parlor

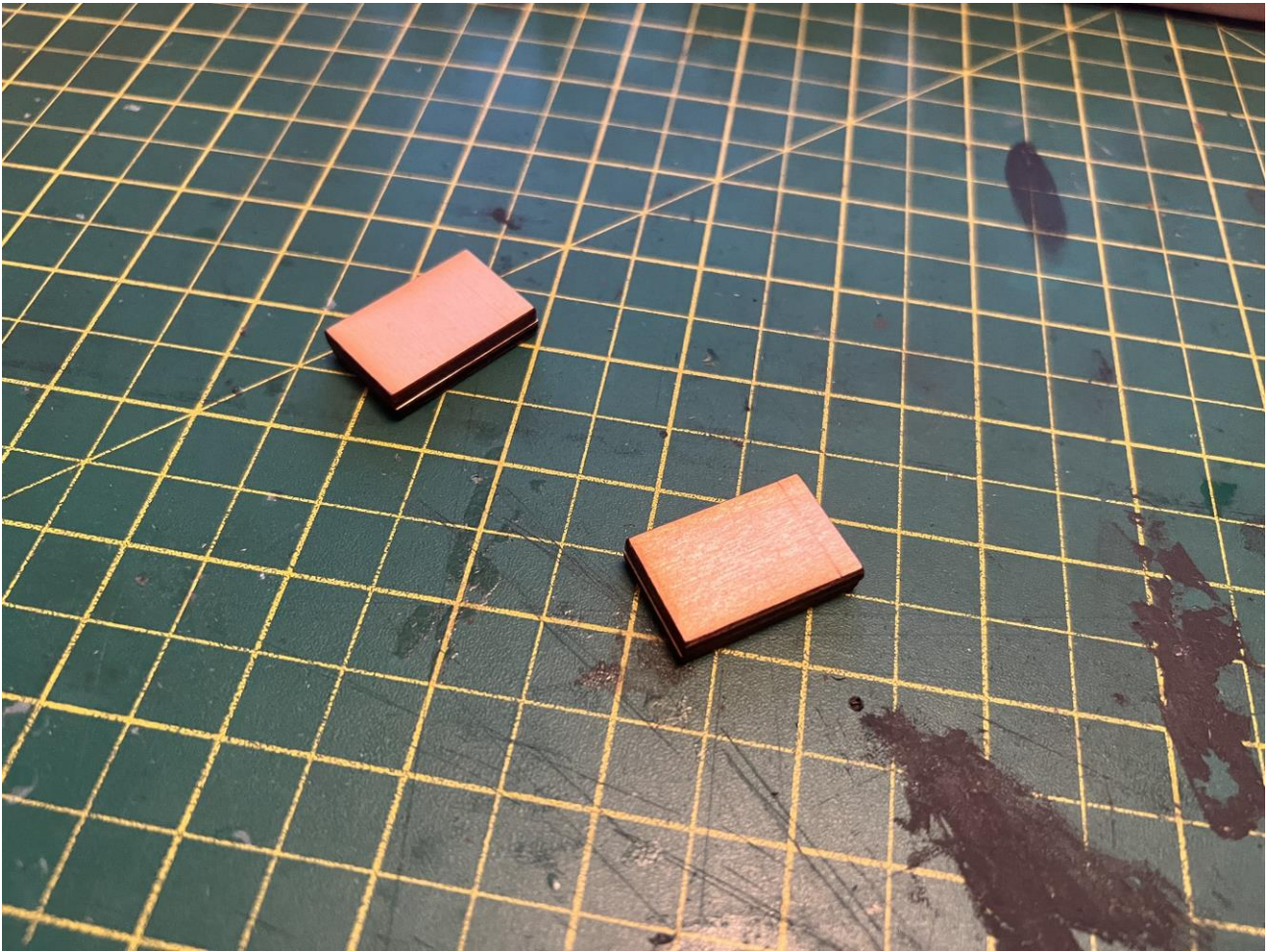


Coach Internals

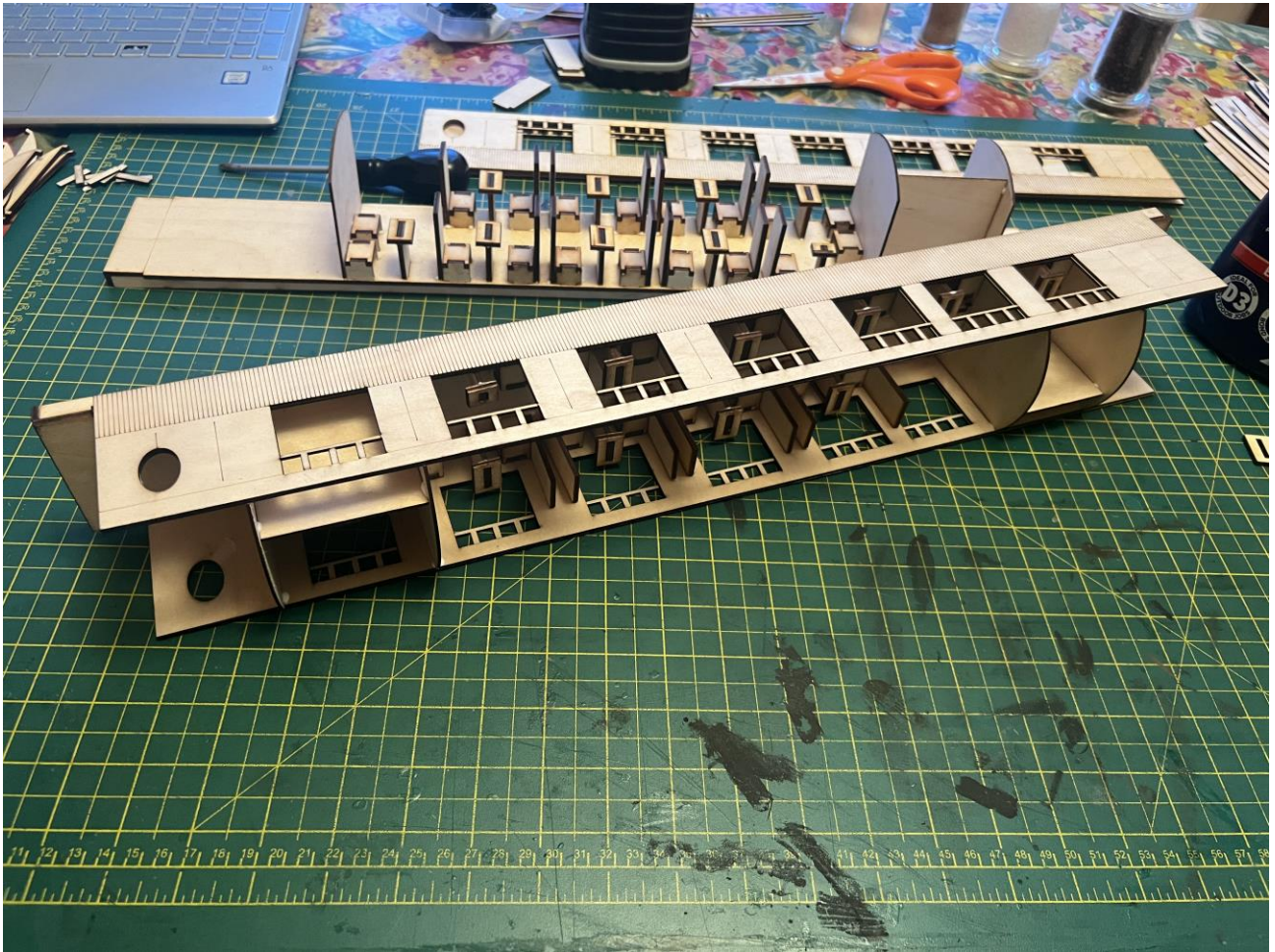
Top – Brake 3rd
Middle – 3rd Kitchen
Bottom – 3rd Parlor



Next, assemble the corridor connectors together. These are formed of 5 parts with a construction of thin – thick – thin – thick – thin. If you want to use them, the corridor end panels are glued on the outside of the connectors.



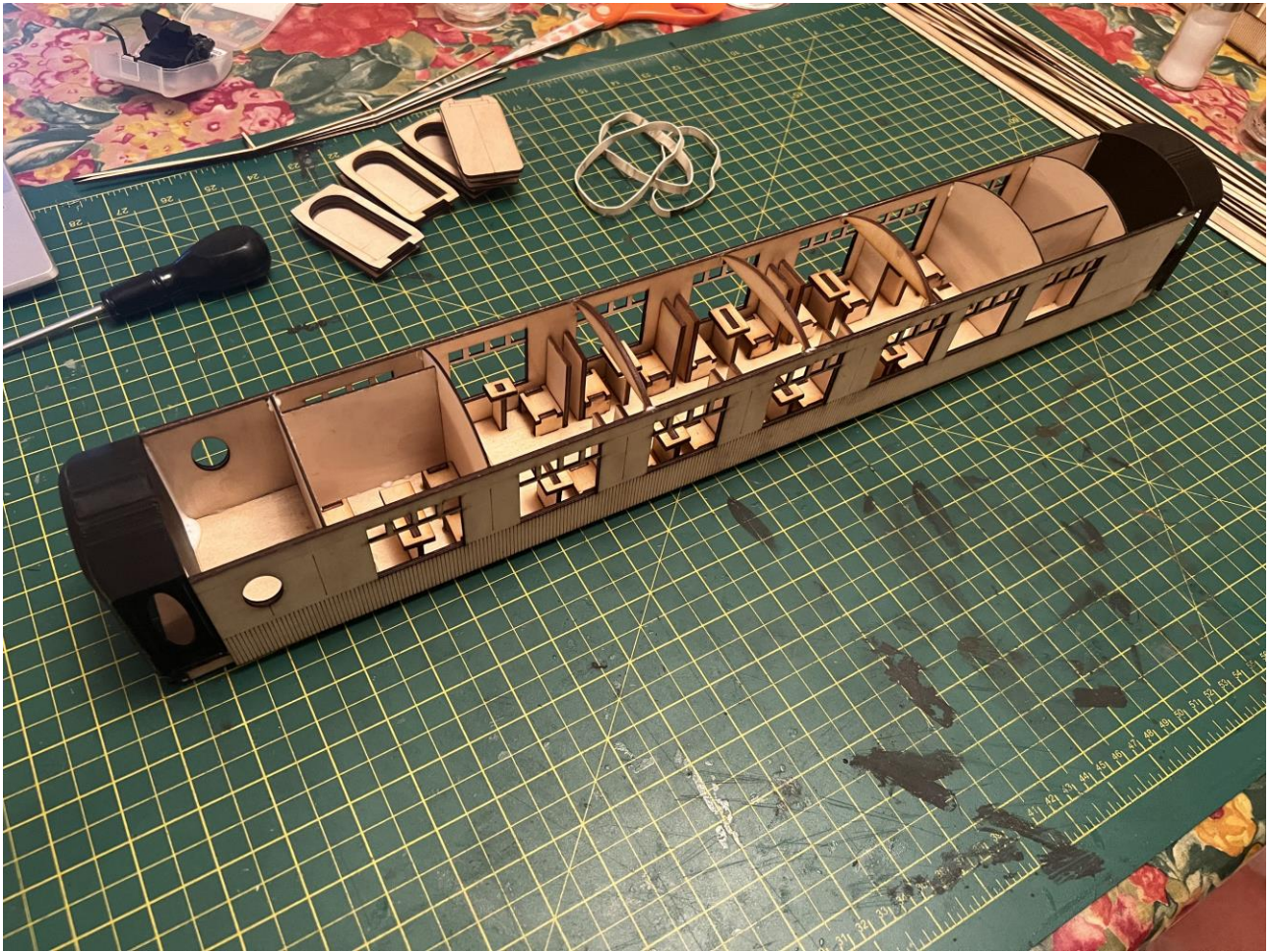
If you're using Kadees, now's time to assemble the mounting blocks. These are either formed of 2 pieces of 3mm material, 3 pieces of 2mm material or 4 pieces of 1.5mm material.



To complete assemble, start by gluing the sides onto the interiors. The sides side on the outside of the extensions that are pushing out of the side of each coach.



If you're assembling the kitchen coach, the large undetailed section is the kitchen area which goes at the end with the smaller window.



Next, glue into place the coach ends.



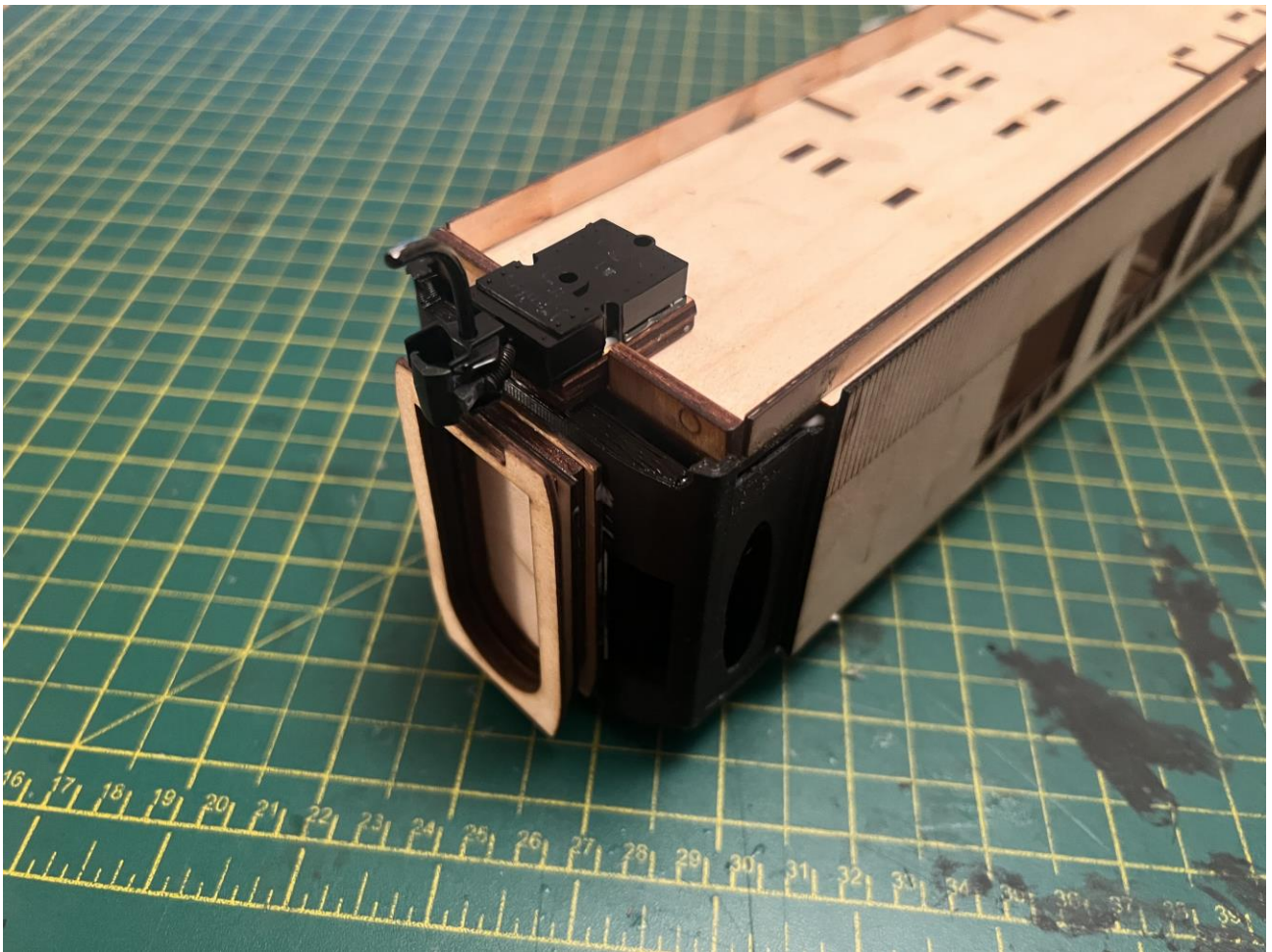
Next, glue on the roof. The strips cross the entire roof which once covered will form a smooth curve.



Now it's time for the end detail. Start by gluing into place the Corridor connections.



Next, glue into place the Kadee mounts if you're using them.



Now mount the Kadees themselves. It is recommended that you have it, so the centre of the coupling sits parallel to the middle of the corridor connection.



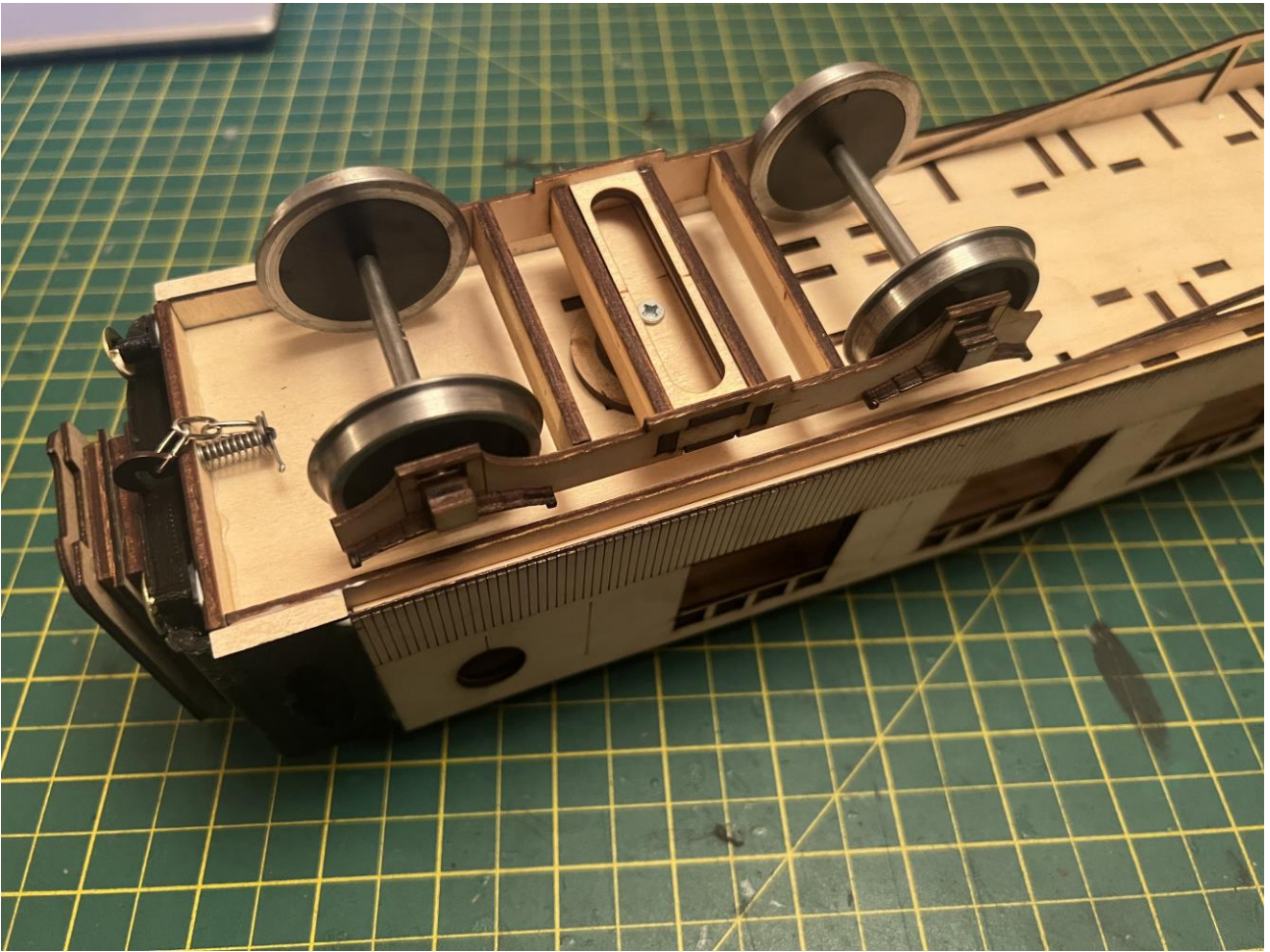
Now its buffers time. Glue the housings into place followed by the buffer heads themselves.



If you're using 3 Link couplings, slot them into the buffer beam and hold them in place using the split pin provided.



Now, glue into place the truss rods on the middle of the coach.



To finish assembly, glue into place the bogies in the prototypical position.

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.