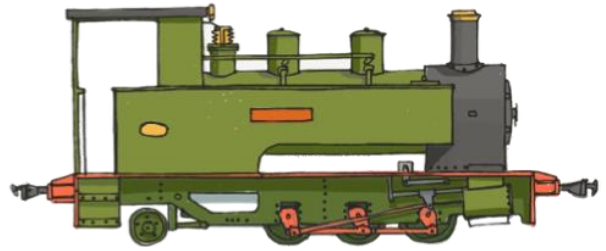


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BMCW Series Instructions

SR Restriction 0 Maunsell Coaches



Requires

- Slaters Plasticard 1:32 3ft 6inch Wheels
- Walshall Engineering 3 Link Couplings or Kadee 820 Buckeye 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 Southern Region for a wide range of passenger services being designed by design personnel under CME Richard Maunsell. The examples designed cover the Restriction 0 versions which were built to run over the Hastings Line alongside the well-known Schools Class.

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 SR Maunsell 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. Alternatively, you can use Kadee 820s but using the different buffer beams and if coupling to Accucraft Mark 1s, using the included adapter for the coach.

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-034 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



The sides are formed of two layers. The complete side sits behind the outer layer which is longer and will go over the lower edge of the inner layout.



If you are using Kadees, there is a 3 piece part which is glued together to give the coach the correct coupling height if you are coupling the coaches onto the Accucraft Mark 1s. If you are running them on their own, you do not need all 3 only needing 1.



Next, glue the bufferbeams and the side pieces onto the chassis plate. If you are using buckeye couplings, the bufferbeam is formed of two pieces which sit on either side of the chassis.







Next, assemble the seats.



Next, assemble the coach shell. These are formed of 2 ends and the two sides. The sides go over the outside of the chassis to form a smooth side on the outside.





On the brake coaches, there is an internal partition which is marked on the floor.



Next start assembling the interior. Start at one end of the coach and work your way along. We recommend starting with one of the toilet compartments (or the bulkhead on the guards van).



Next, glue in the seats into the coach as well as the toilet divider.



If you are using the equipment tray, glue it onto the truss rods that will form a single unit to go under the model.



Now it is time for the roof! Start by gluing on the wider strips onto the flatter section of roof on the top.



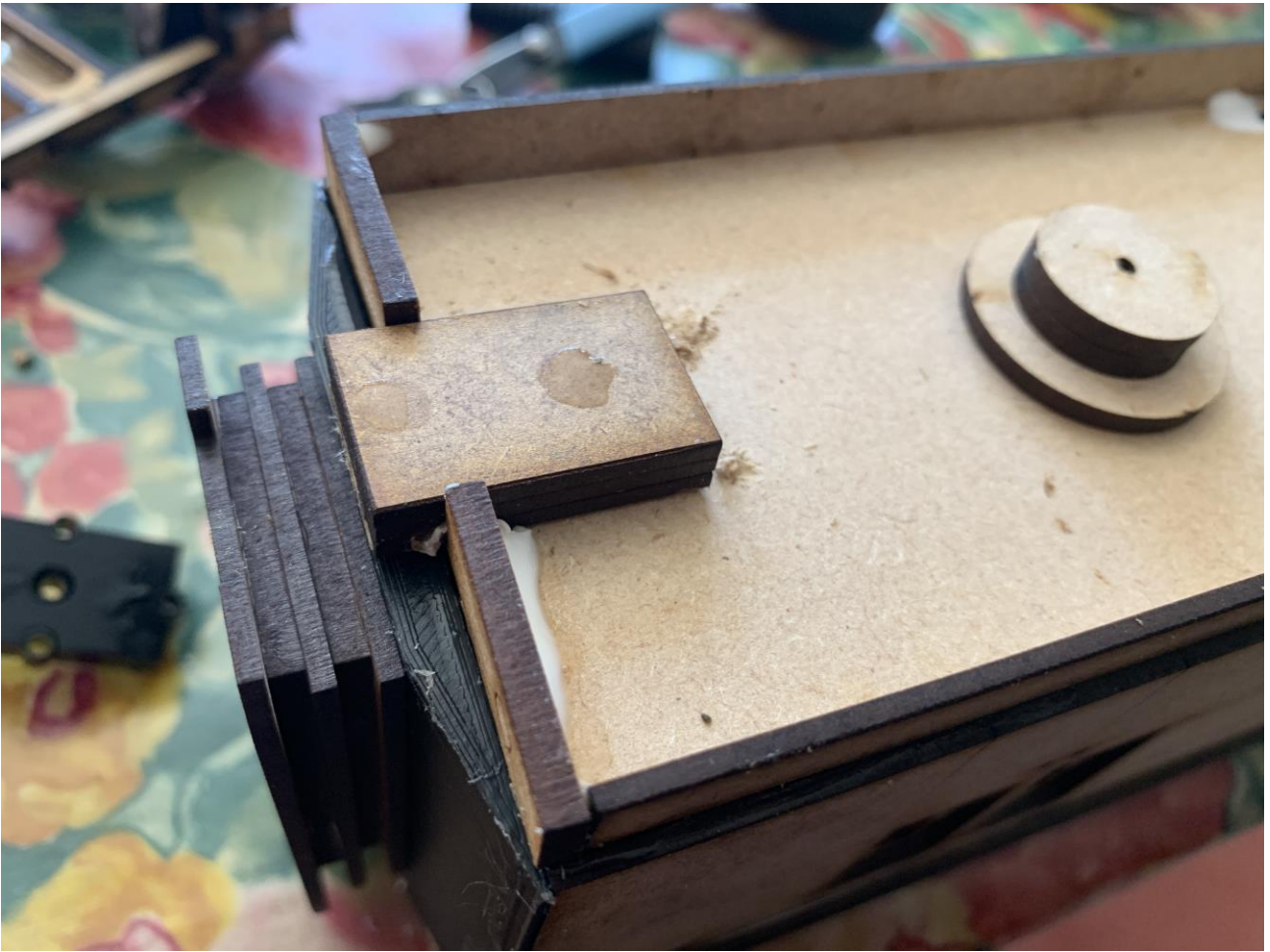
Then working on one side at a time, glue the thinner strips onto the tightly curved section.



Now trim the roof planks down so they match the end profile of the coach.



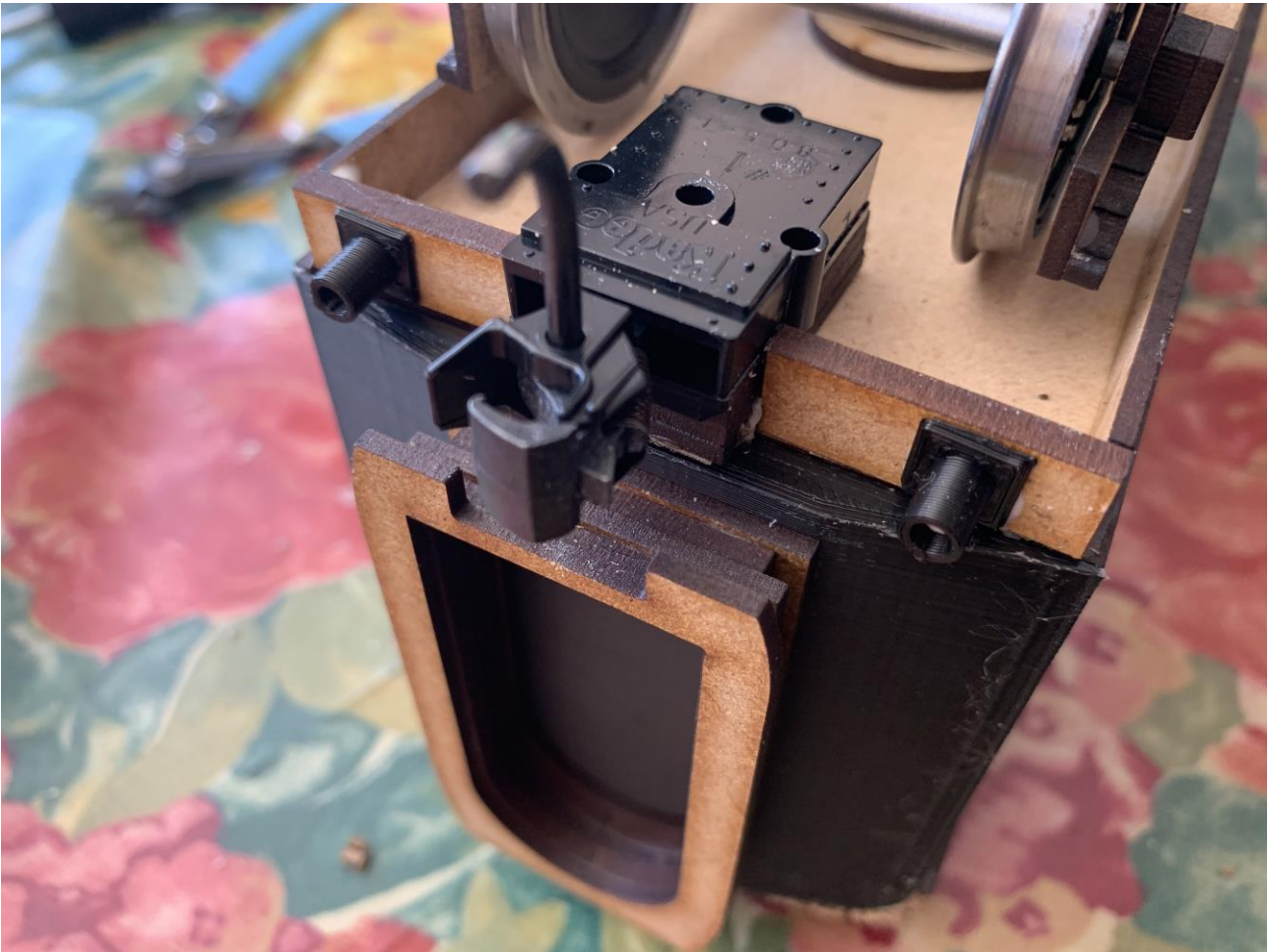
Now's time to attach the bogies. They are built up as per their instructions then glued so the small hole on the base plate matches the bolster. If you tighten the screw all the way, it will point out the bottom of the bolster and can be used to locate it on the base plate. Also, glue on the struss rods which go under the model if you are using it.



Next, glue on the corridor connections and the coupling mounts if you're using Buckeye couplings.



Next, glue in the Kadees if using them or slide the 3 Link Couplings into place.



Also glue on the buffers which go over the etched circles on the bufferbeams. These can be drilled out if you wish to use sprung buffers.



To finish the model off, glue the toplights onto the sides of the coach onto the etched markings shown on the coach sides.

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.