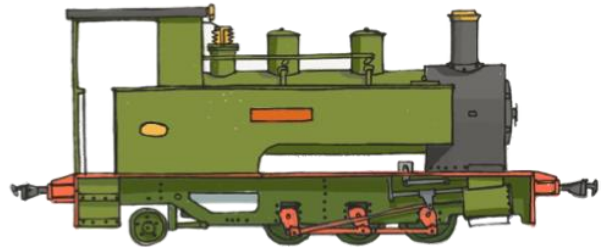


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BMGC Series Instructions SR Bogie Luggage Van/SR Van B/SR Scenery Van



Requires

- Slaters Plasticard 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 vehicles were used around the South of England United Kingdom for a wide range of applications. These kits cover two of the major bogie variants in use, the Bogie Luggage Van and the Van B.

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 Maunsell Bogies. These are 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-902/905 which isn't representative of the kit you have bought. 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 (Southern Railway or Nationalisation).

Please Turn over

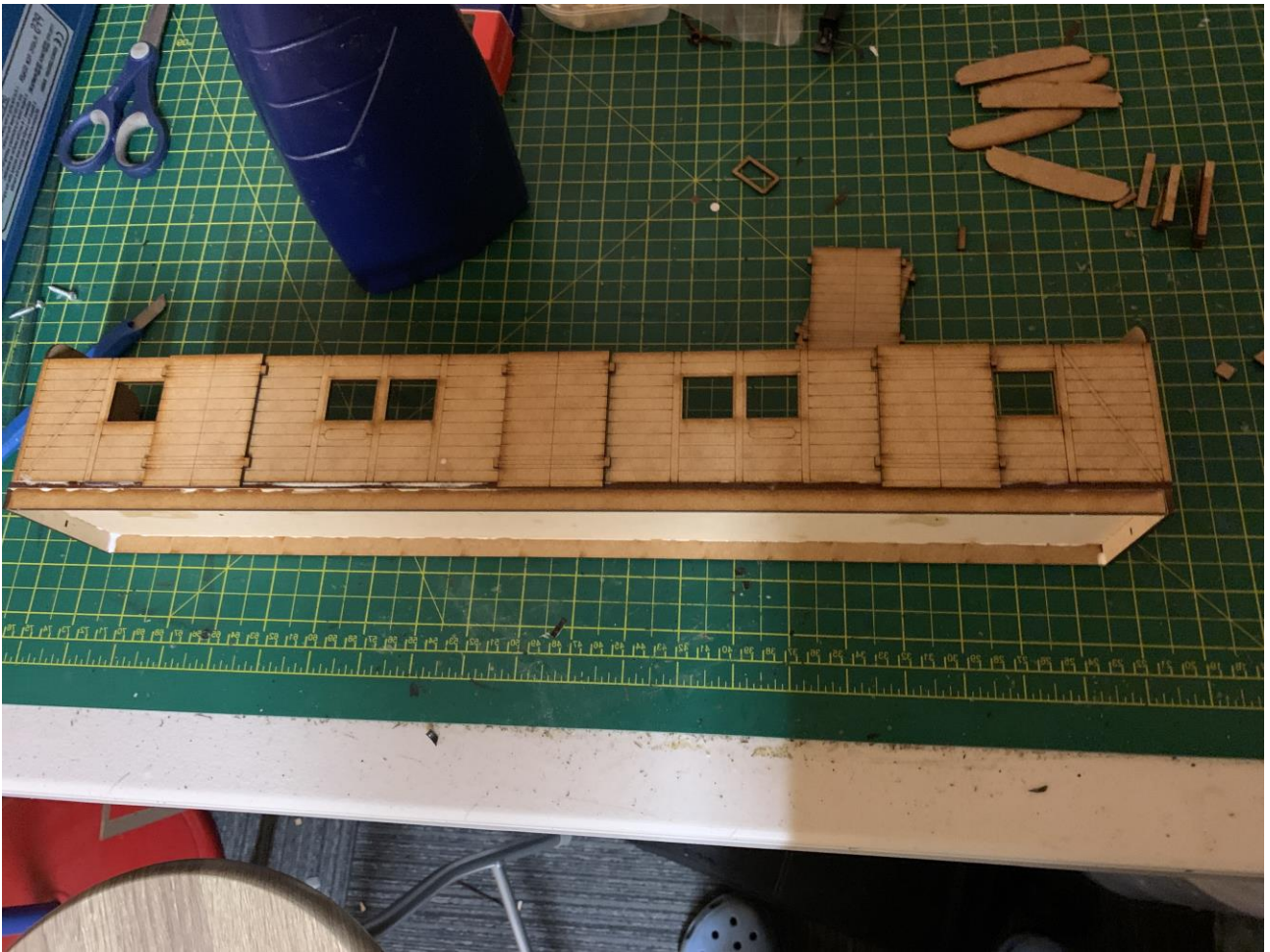
Please read though these instructions before beginning to assemble your
kit



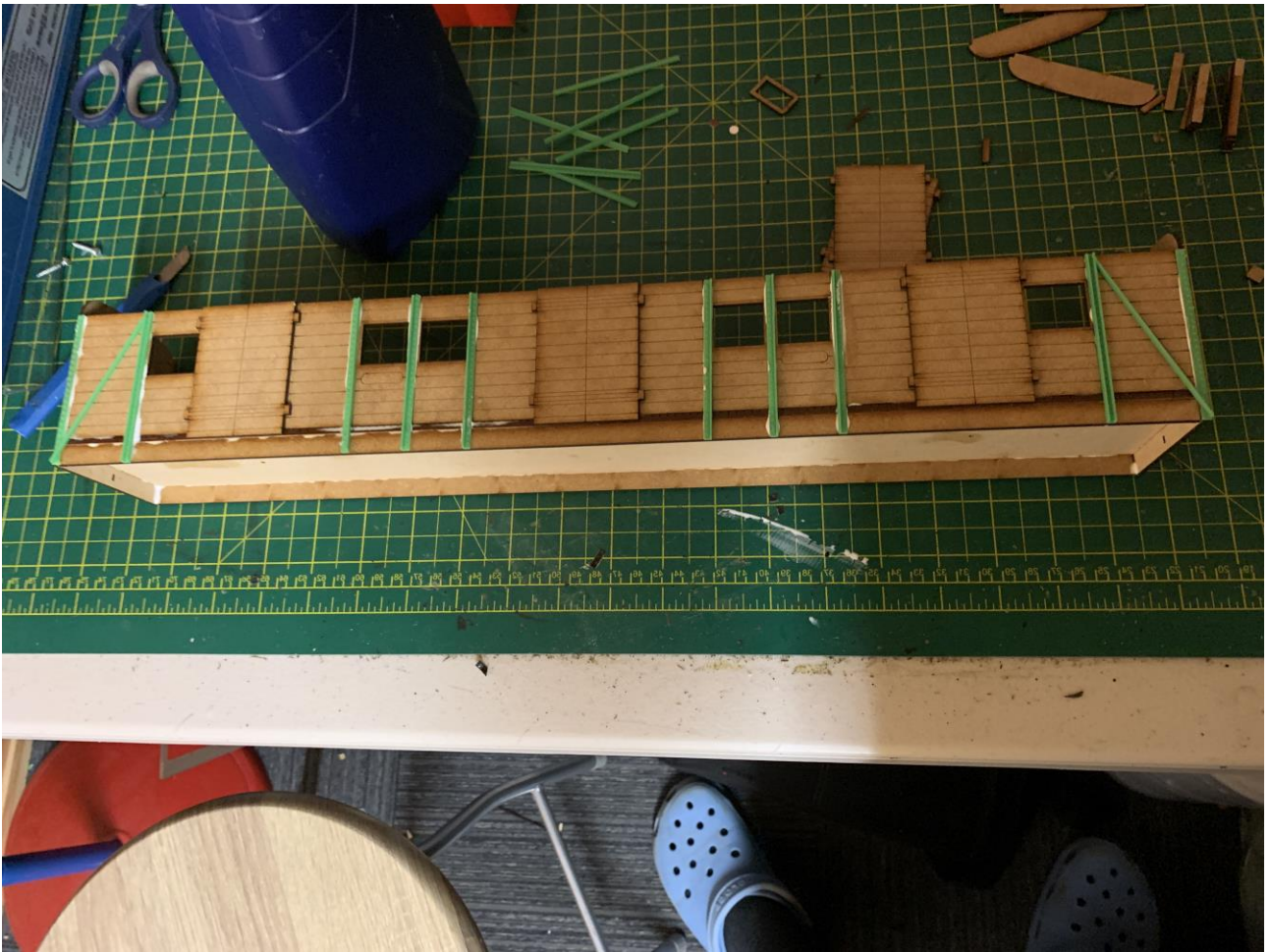
Start by assembling the base plate. This is formed of 2 bufferbeams and 2 side pieces that sit on the bottom of the chassis.



Next, flip the base over and start on the body. This is formed of 2 ends and 2 sides. If you are assembling the Van B, there are two door internal layers that sit behind the single doors in the middle of the coach. These are glued in now.



Next, glue on the external Luggage doors. These sit over the top of the etched lines on the sides of the model.



Bogie Luggage Van - Now its time to glue on the strapping. There are two cross sections and 6 uprights per side. There are 3 rivets close together which signify the bottom of each strip. The straps in the middle did sometimes change between vans during overhauls so it is best to reference again the van you are modelling to ensure they are correct. If in doubt, the Bluebell Railway has one of these vans restored which can be viewed on their website or in person at Horsted Keynes (as of November 2020).



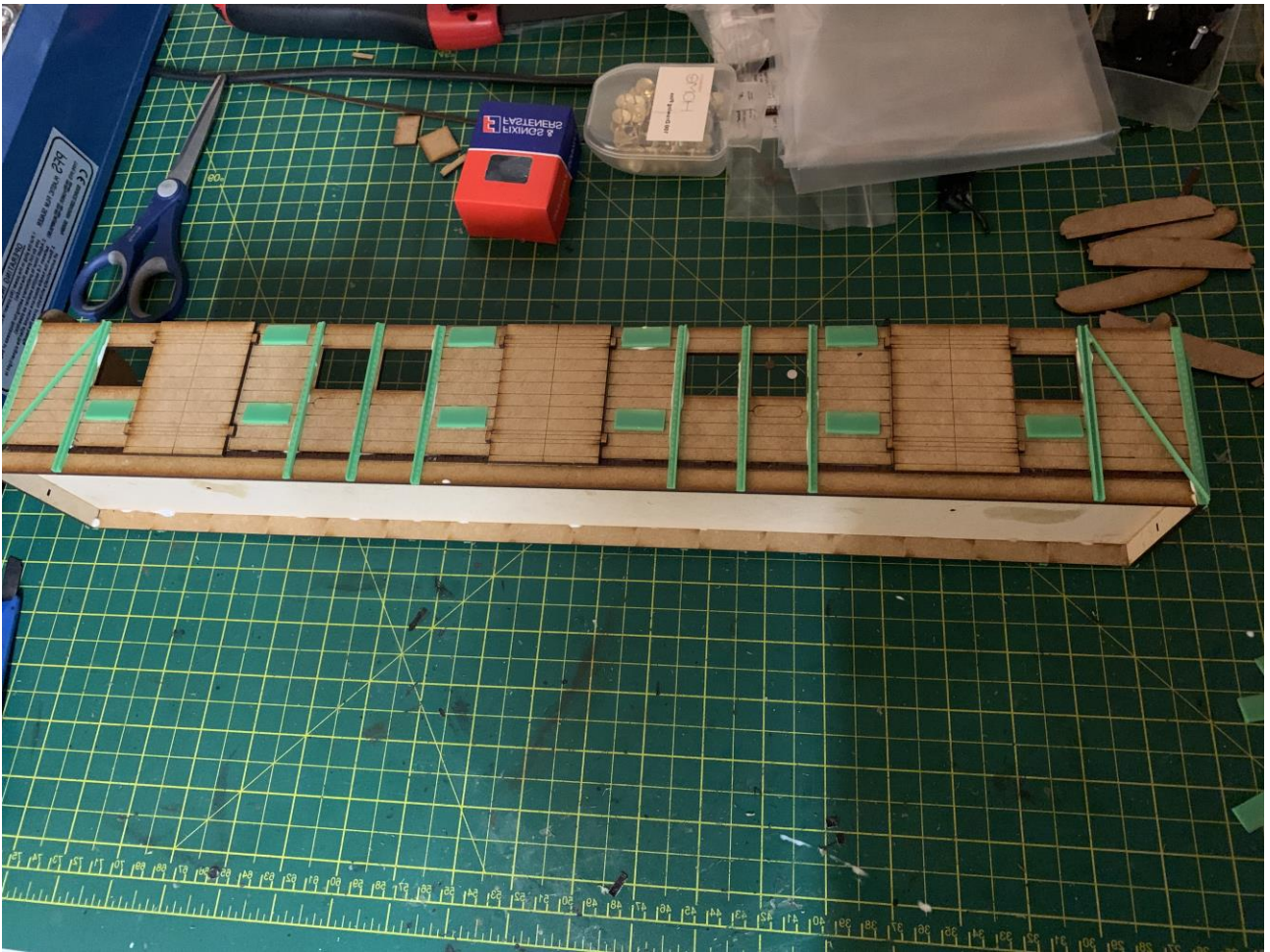
Van B - Now its time to glue on the strapping. There are two crossbeams with cut outs in them which sit on each end of the van. There are also single U channels again with notches in them which go on the outsides of the doors. There are 3 rivets close together which signify the bottom of each strip. Between the door pairs, there is a single U channel which Is glued into the correct spot on the van.



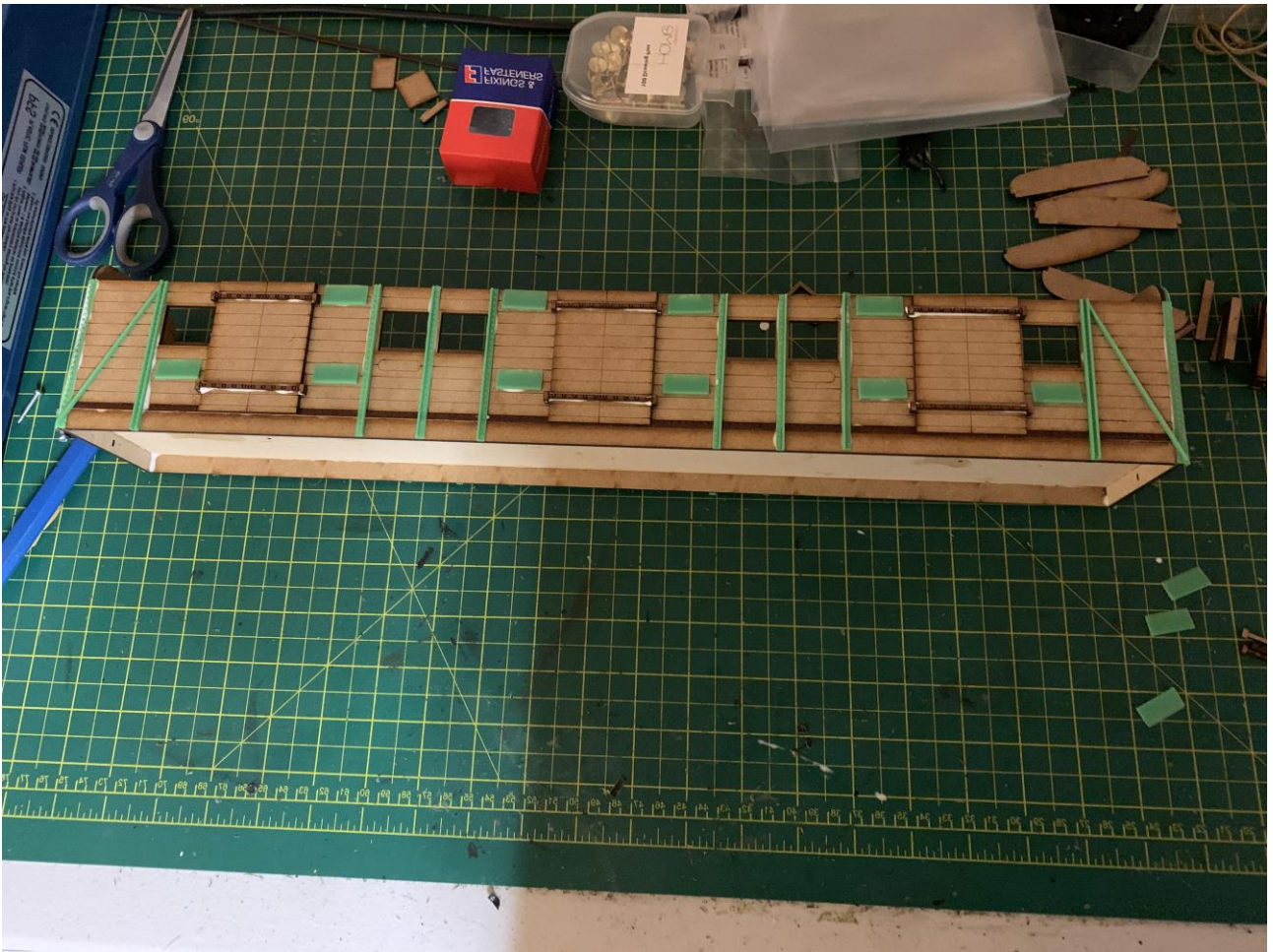
Scenery Van - Now it's time to glue on the strapping. There are two crossbeams which sit on each end of the van. There are also single L channels which go on the sides of the vans. There are 3 rivets close together which signify the bottom of each strip. Started on the left hand side, the channels go left hand, right hand, left hand, right hand, left hand, right hand with the upright being the part that goes on the respective side. In the middle of the van, there is a twin channel which is double width.



Next move onto the end strapping. Same as the side parts, this is glued over the top of the etched marks on the end pieces. If you are assembling the Bogie Luggage van, now is a perfect time to glue on the corridor connectors to ensure everything fits correctly.
On the Scenery Van, glue on the end vents onto the etched locations on the van ends.



Bogie Luggage Van only - To finish off the sides on the bogie luggage van, first glue on the side vents that form the remainder of the 3D printed sections.



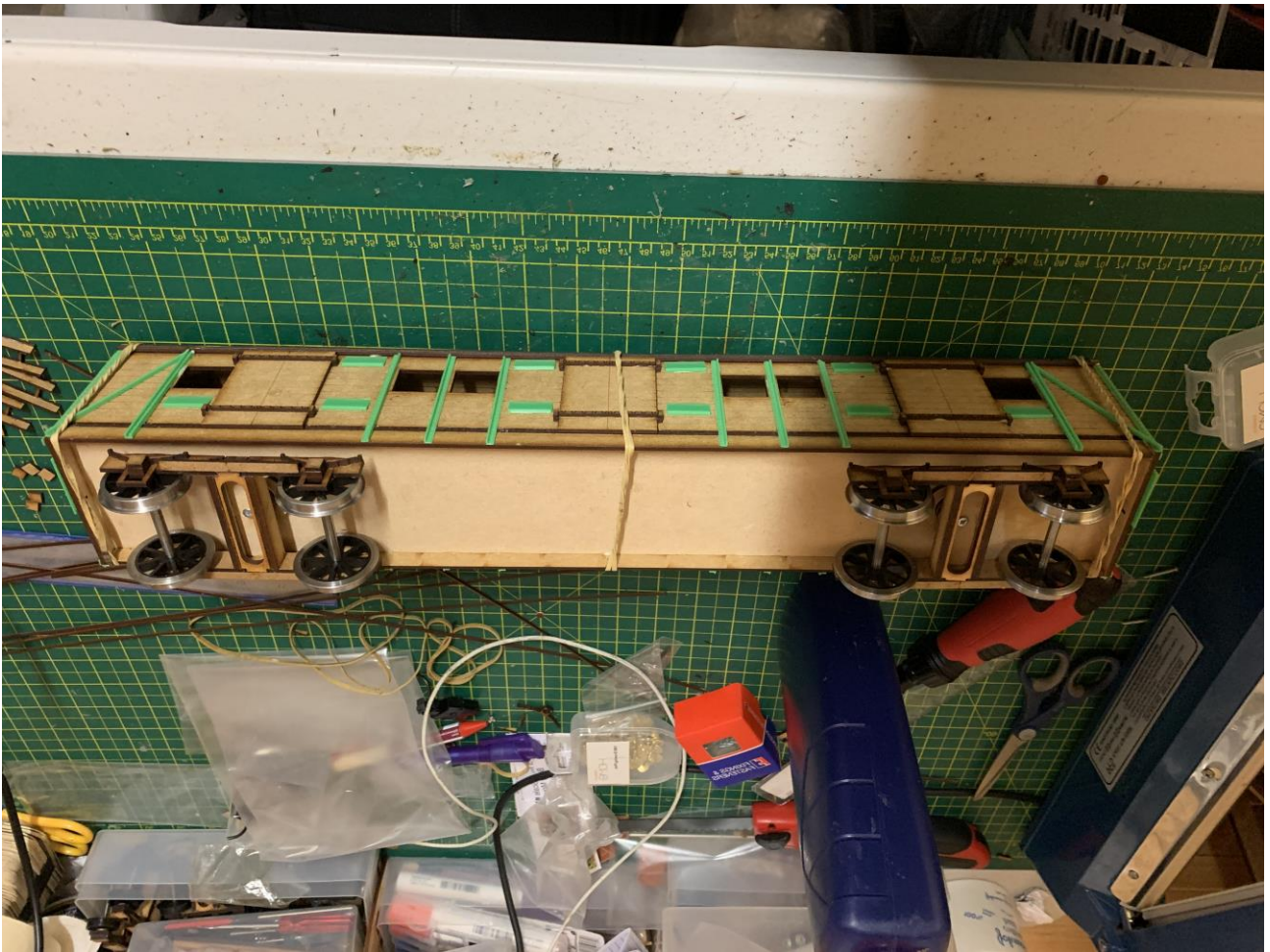
Bogie Luggage van and Van B – To finish off the doors, glue the door strapping on the outsides of each door. There are 2 parts per double door pair.



Now is a great time to assemble the side steps. On the Bogie Luggage van there are 2 and on the Van B there are 2. They are formed of the Half H/Half top hat sections with the small strips of wood with the longer one on top and the shorter one below.



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.



With the roof on, 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.



Next step is to attach the buffers and insert the coupling hook through the hole on the bufferbeam.



Bogie Luggage van - Next, glue the steps onto the outsides of the model under the centre double doors. Single long steps are glued under the outer doors.

Van B - Next, glue the steps onto the outsides of the model under the single door. The left hand side of the step should be in line with the door with the rest of the stop being over the right hand side of the model.

Scenery Van – Single long steps are glued under the doors.



Now, glue on the struss rods which go under the model. We have also provided a equipment tray which is glued between them but if you don't want to use it, that is also a option.



Van B Only - The Guards lookouts go either side of the guards compartment on the roof. It is recommended you fit these when finishing off the roof to ease the work required at that stage.

Your Model(s) 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.