

# Bowaters Models – BMGL-001 Instructions



#### Requires

• Glazing Material

#### **Required Tools**

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

## **Prototype Information**

These engines were originally built for the Royal Naval Armament Depot (Ministry of Defence) and worked in the various depots around the country on the standard gauge systems. When these were shut down, a small number became available for further purchase of which at least one is now owned by a preserved railway.

### 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 a Bowaters Models Power Bogie which is included as part of your kit. This is assembled as per the instructions. Make sure the chassis works in the way you intend it before fitting to the chassis. Note, this kit is designed for either Manual control using switches (single speed) or using full Radio Control for which space has been left within the model.

### **Couplings**

This kit is designed to make use of the Walsall Engineering 3 Link Couplings. These are slotted onto the buffer beams and held into place using the supplied split pin.

#### <u>Instruction notes</u>

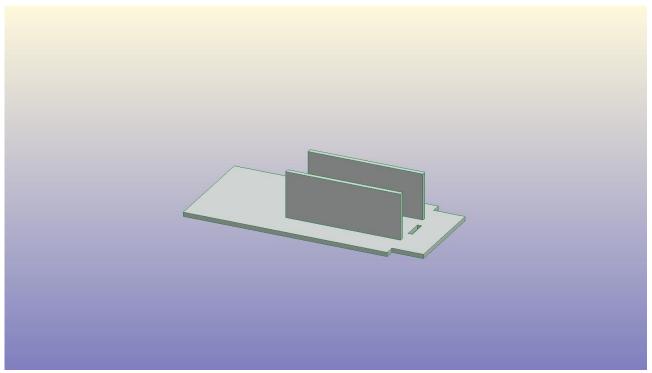
With these instructions, there are images which show various stages of the construction of two coach kits. They are of the digital test build for BMGL-001 which may not be representative of the kit you have brought. They are for reference purposes only.

### **Painting**

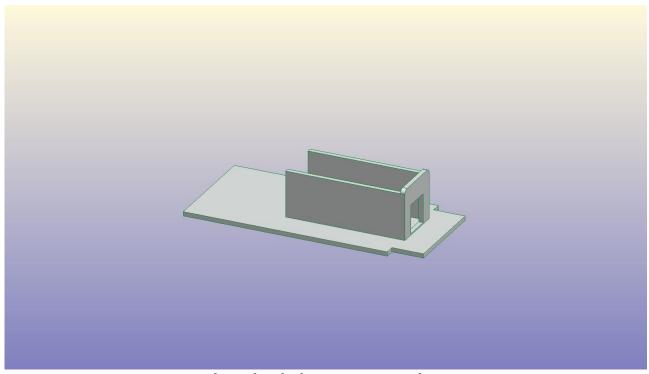
Over their service, these engines have carried several liveries from bright yellow, to all over green and others. It is recommended you choose your prototype and paint it appropriately.

## Please Turn over

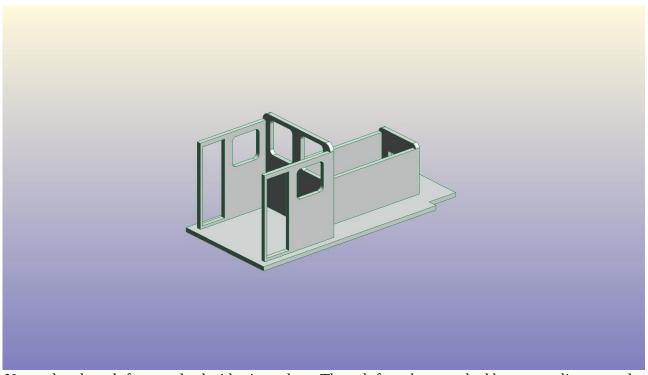
Please read though these instructions before beginning to assemble your kit



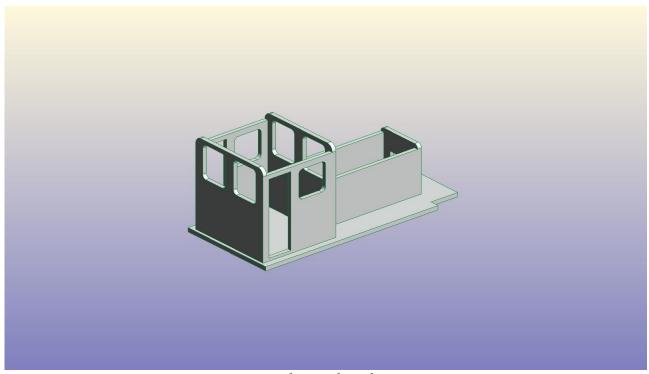
To start assembly, glue the two bonnet sides onto the chassis plate.



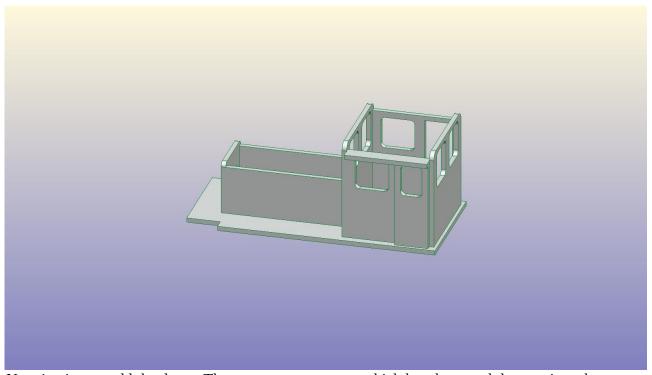
Then, glue the bonnet nose into place.



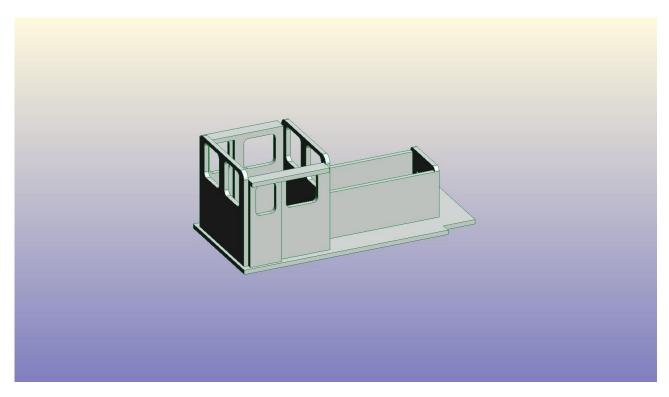
Next, glue the cab front and cab sides into place. The cab front has a etched bonnet outline on and a gap for wiring to go though.

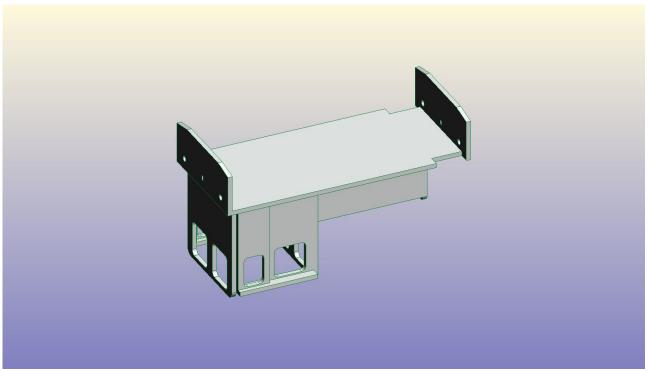


Next, glue on the cab rear.

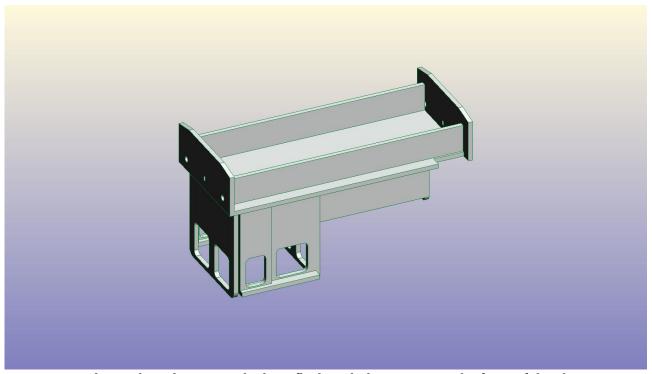


Now its time to add the doors. There are two parts, one which has the actual door on it as the runner cover that goes over the top. There is one pair of these each side.

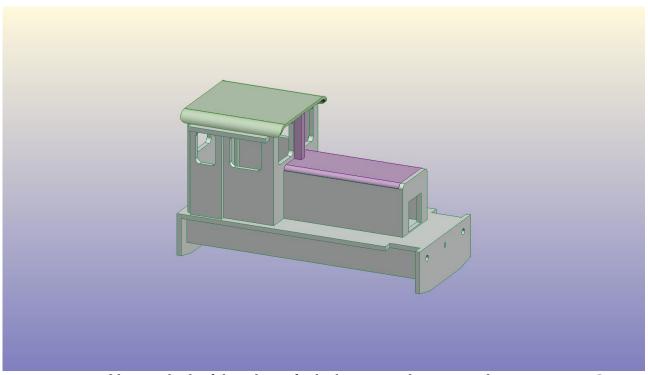




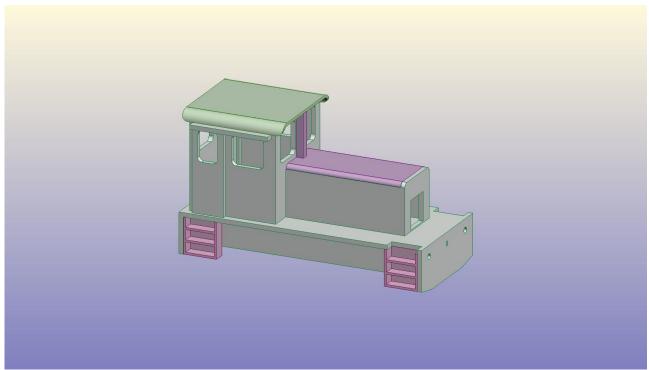
To assemble the chassis, glue the bufferbeams onto the ends of the chassis plate.



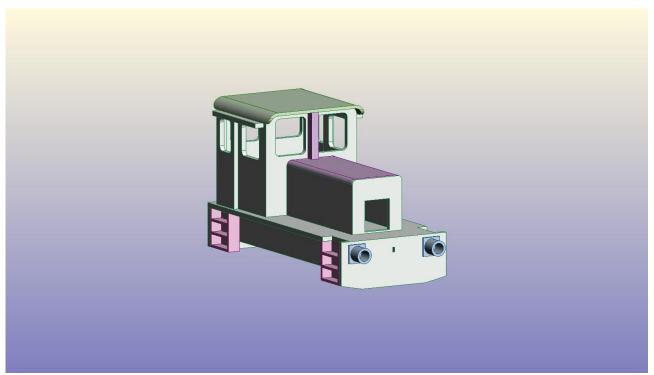
Next, glue in the side pieces which sit flush with the cut outs at the front of the chassis.



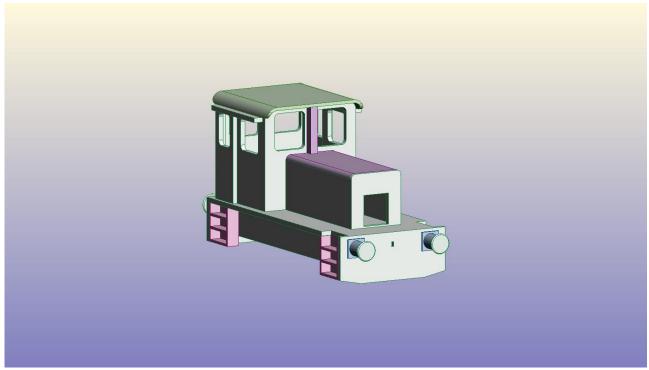
We recommend leaving both of these loose for both access to batteries and access to any RC gear that maybe fitted. The roof we recommend holding in place with double sided sticky tap and the bonnet top will slot into place.



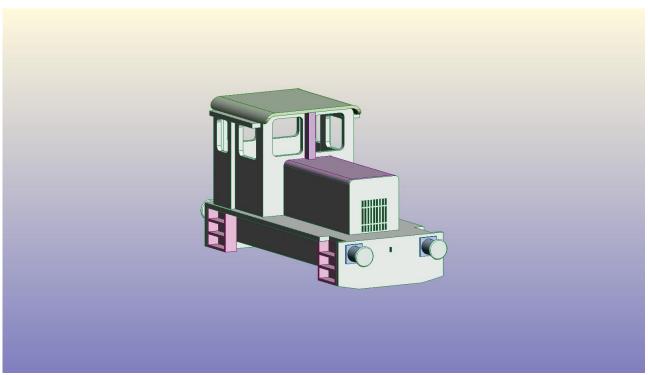
Next, glue on the cab sets. They sit at each end of the model in the recess created by the edge of the chassis plate and the chassis sides.



Now, glue on the buffer housings over the etched marks on the buffer beams.



Now glue in the buffers into the housings. The couplings can then be slot in though the slot in the bufferbeam and held in place with their spring/split pin. The chassis can then be mounted using 2 of the Chassis spacers included in your kit. These are small rectangles with a small hole in the middle.



To finish the model, glue the radiator grill into the nose of the model. Naturally if you wish for this to be a different colour, we recommend fitting this after painting.

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.