

## Bowaters Models – BMGL-003 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 various industrial users around the UK by Rustons. As these users shut down their railway systems, a number became available for further purchase of which a number were brought by various preserved railways. Examples can be found around the country at various preserved railways.

#### 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.

#### Instruction notes

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-003 which may not be representative of the kit you have brought. They are for reference purposes only.

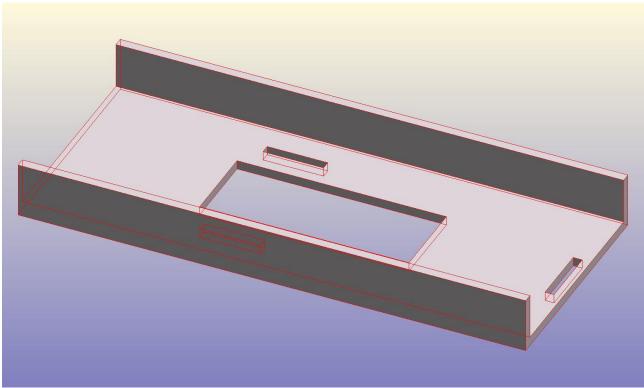
#### **Painting**

Over their service, these engines have carried several liveries depending on who was the purchaser from Rustons. It is recommended you choose your prototype and paint it appropriately.

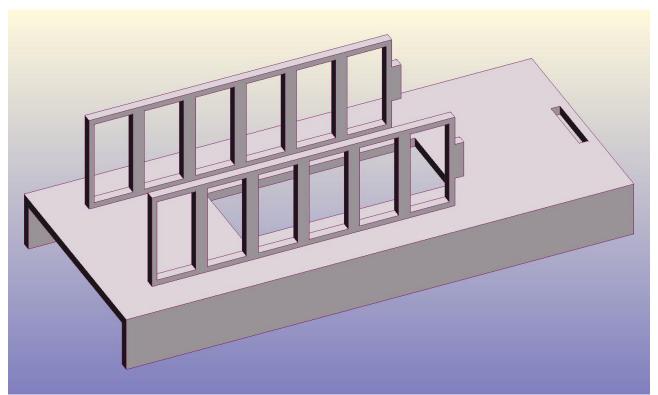
# Please Turn over

Please read though these instructions before beginning to assemble your

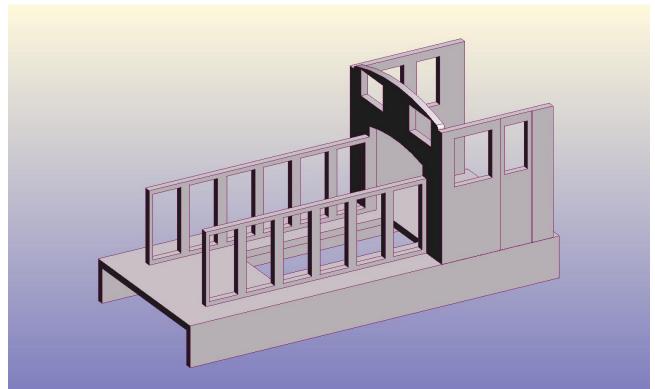
kit



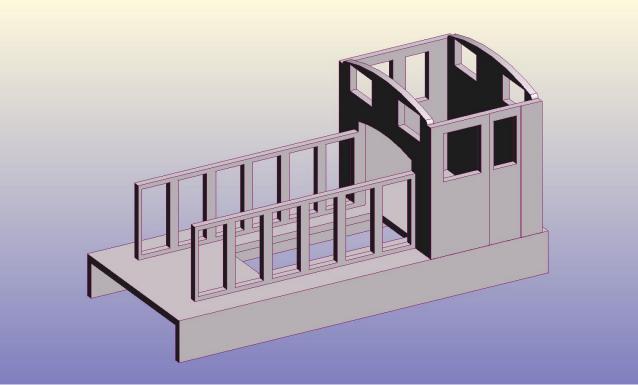
First start by gluing the two chassis side pieces onto the floor plate then flip the chassis over to start on the body.



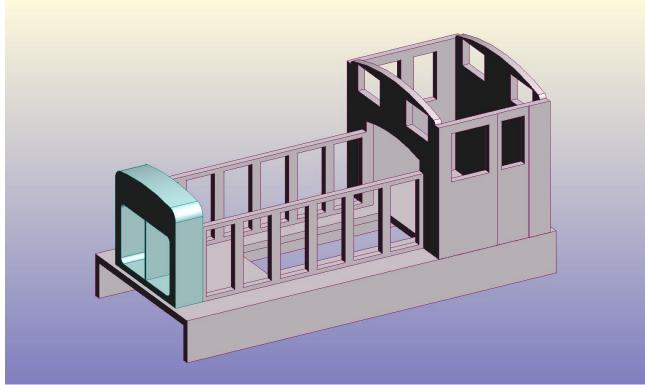
To start on the body, start by gluing the two bonnet sides into their slots on the chassis.



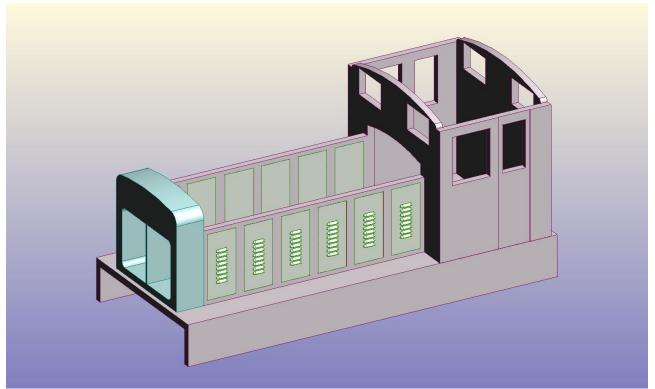
Next, glue on the cab front and the two sides. The cab front has two slots in it which slide onto the tabs on the ends of the bonnet. On the sides, the doors go to the rear of the cab.



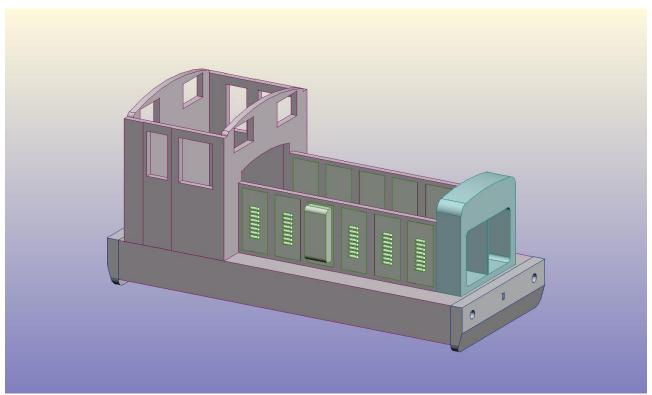
*Next glue on the rear of the cab.* 



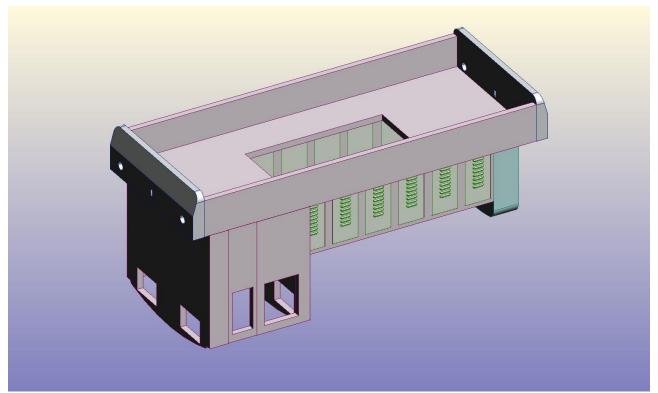
Now glue on the radiator to the front of the bonnet.



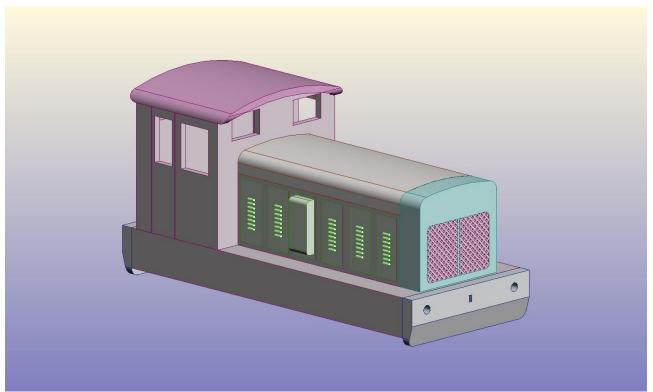
To assemble the rest of the bonnet, you need to glue the inserts into the slots on the sides of the bonnets. On the left hand side, there are 6 identical panels. Turn over for the right hand side.



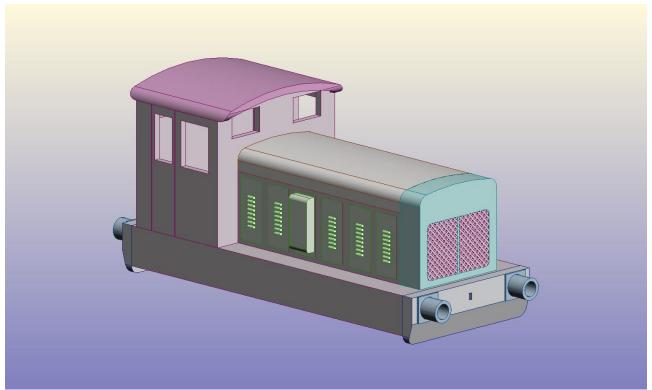
The right hand side has 5 identical panels and a single one with a bulge for the donkey engine.



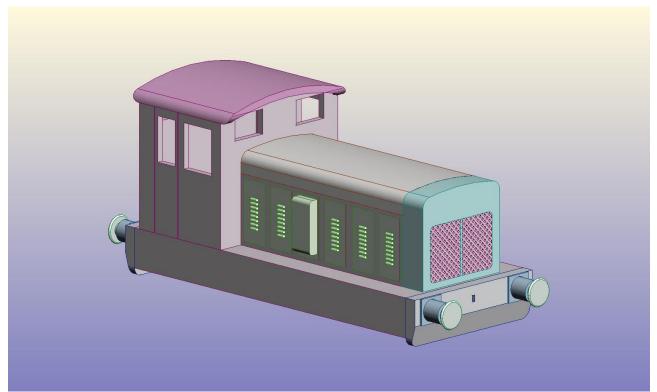
Now you can glue on the bufferbeams which sit on the ends of the chassis.



If you wish to paint the entire body the same colour, now you can glue in the radiator grill into the front of the radiator. Naturally, if you wish for it to be a different colour, we recommend fitting it after painting.



To complete the model, start by gluing the buffer housings onto the bufferbeams over the circle holes in each one.



Then, glue the buffers themselves into those 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 4 of the Chassis spacers included in your kit. These are small rectangles with a small hole in the middle.

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.