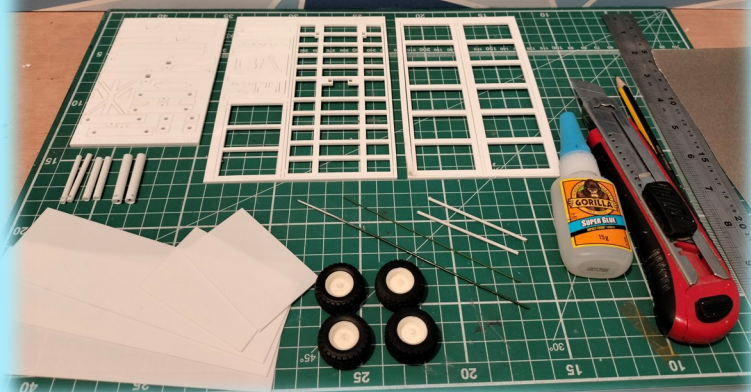


BRAEMER MODELS

GREAT BRITISH MODEL KITS



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1:32 Classic Tipping Trailer

3x Laser Cut Sheets, 5x Plastic Sheet, 2x plastic strip, 6x plastic ram tubes, 1mm Wire Rod, 2x 1.6mm Wire Rod, 4x Wheels and Tyres

TAKE CARE WHEN REMOVING PARTS FROM THE SPRUE

Acrylic plastic is brittle and should be handled with care.

Remove from sprue using a knife or snips.

This is a rough guide to using the kit. Care should be taken at each stage to make sure the model is going together correctly and any alterations that are not in the instructions should be carried out.

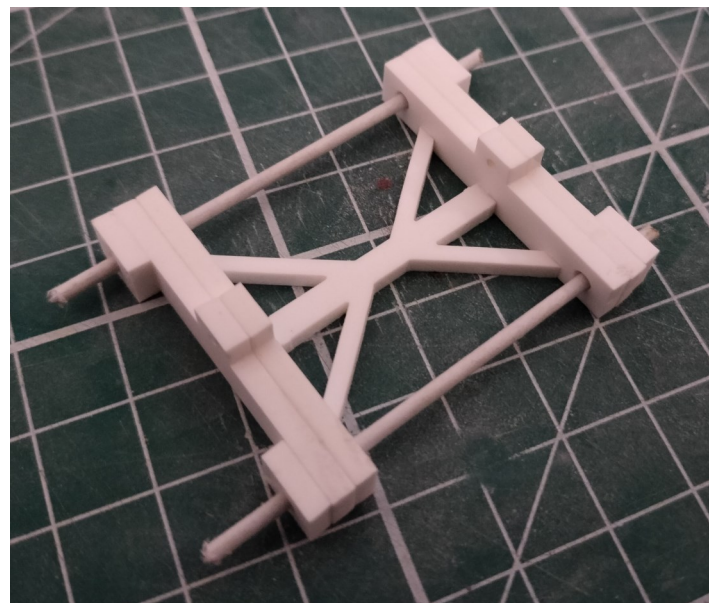
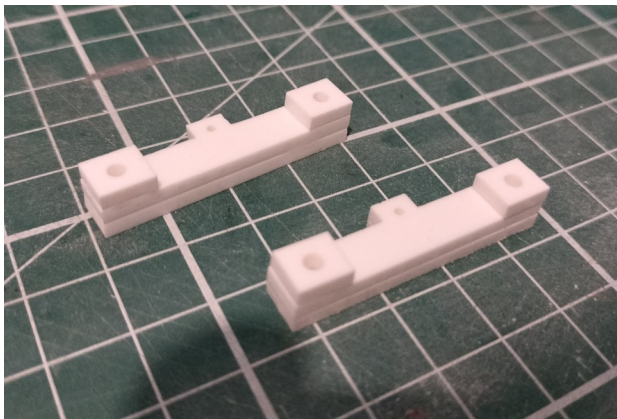
Paint: Components can be painted at any time in the build, it is a case of what suits the builder. We tend to use Automotive spray paints such as Halfords or Hycote or Hobby Paints like Humbrol, Revell or Tamiya.

Glue: Recommended glue is contact adhesive or super glue. Blue Lid Gorilla Super Glue is what we prefer.

Step One. Remove parts from the sprue, remove the plastic backing and sand the parts.

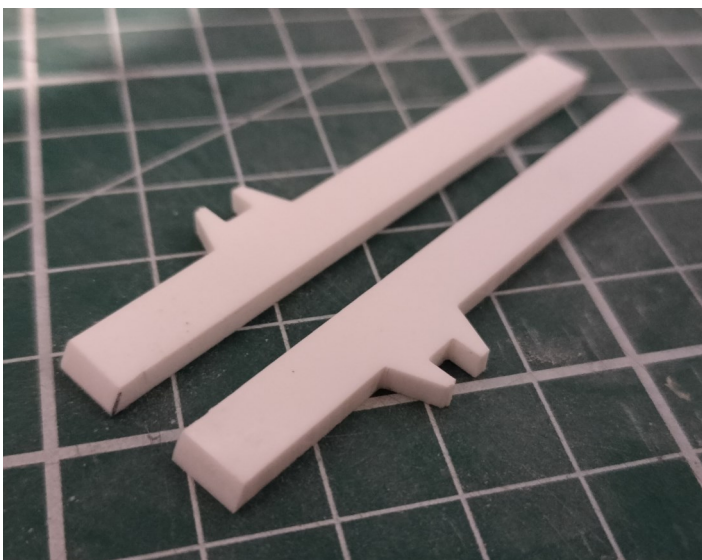
Take care when removing parts, acrylic is a brittle material and can easily snap with too much pressure. To remove parts from the sprue gently apply pressure to the sprue attachment points with a craft knife until the part pops out. Peel the plastic off the back, this is best achieved by nicking a corner with a craft knife and peeling. To improve the adhesion of glue and paint we recommend sanding all parts with 220 grit or finer sand paper. This removes any burs created in the cutting process and improves surface adhesion.

Step Two. Glue two No.13 back to back, glue two No.30 at each end of 13, ensure the holes line up, repeat for other rocking beam.

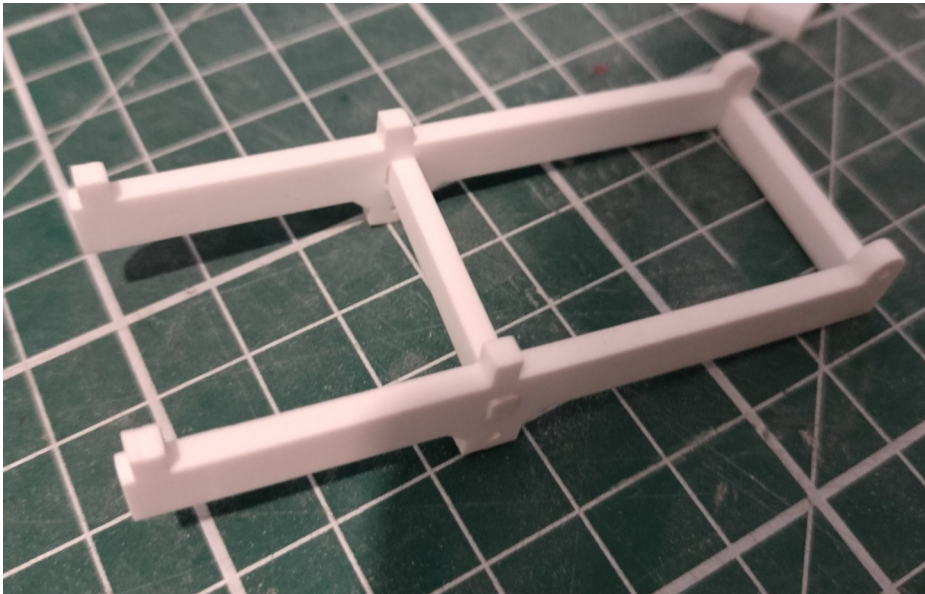


Step Three. Glue the two beams together using No.14 to space them out. Use the axle rods to ensure everything lines up.

Step Four. Sand an angle onto both No.5 to help create the triangular chassis. See No.9 for the angle to sand to.



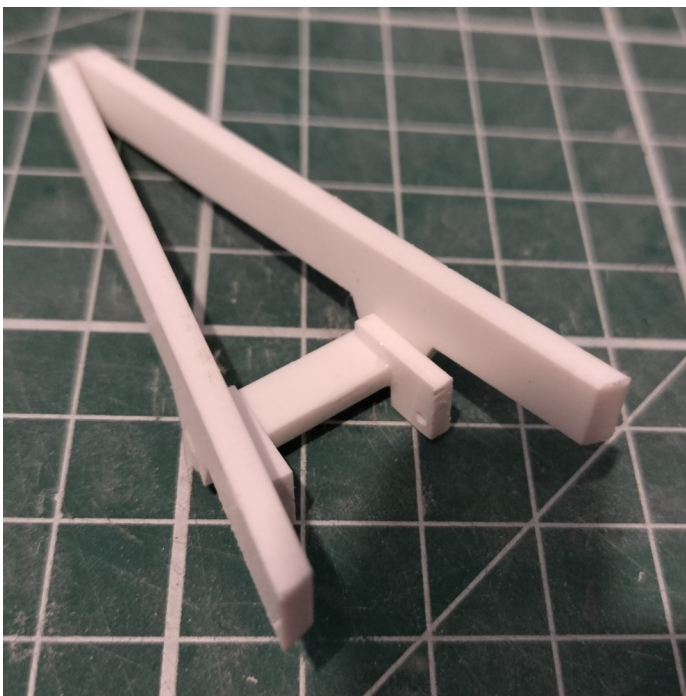
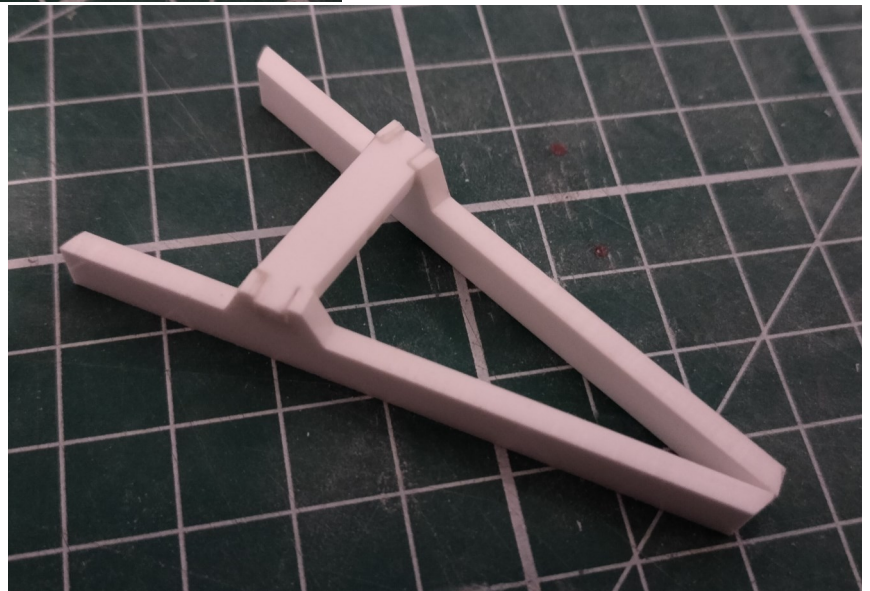
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Step Five. Build up the rear chassis. Glue the two cross members No. 7 and No. 17 in-between the two rear chassis members No.5. No.17 goes at the end with the pivot holes.

Note: At this stage check the rocker beam assembly fits in the chassis, it aligns with the two holes midway.

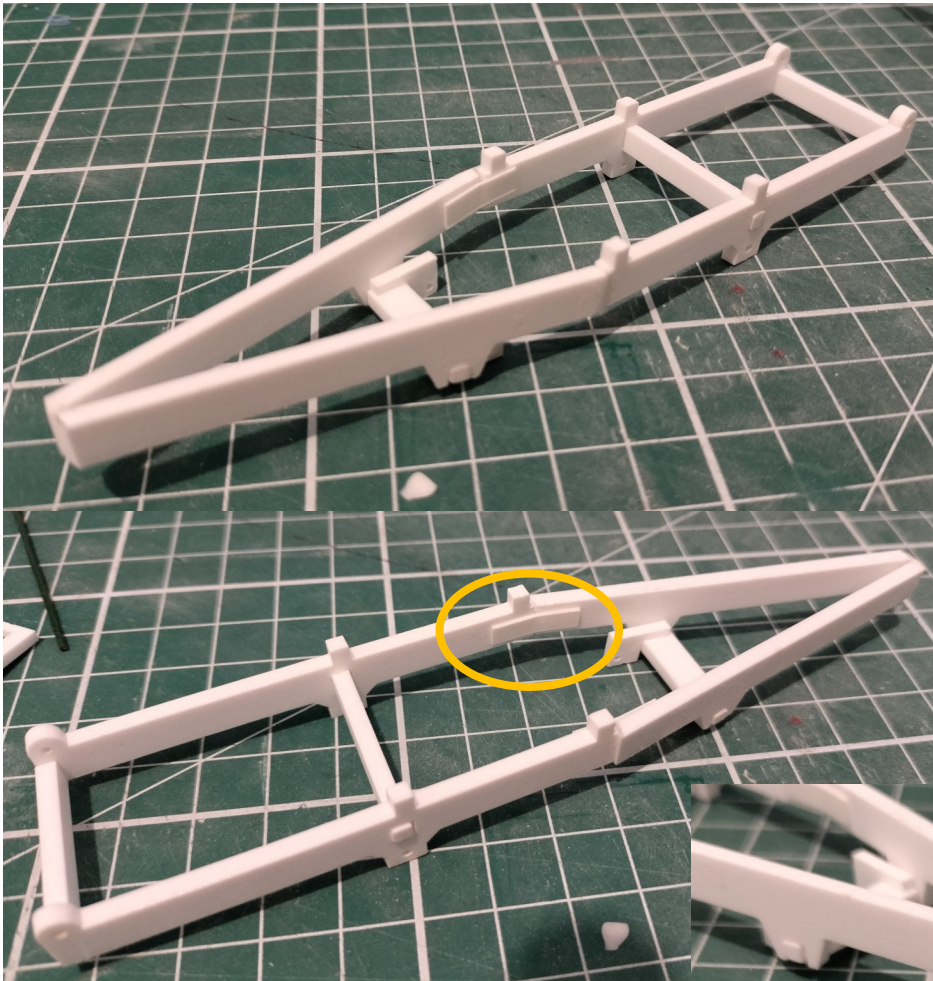
Step Six. Build up the front chassis. Glue the angled cross member No.9 inbetween the two front chassis members No.11, glue the No.11's together at the front and sand the join at the front flat.



Step Seven. Glue the two ram mounts No.21 to the cross member No.9 as close to the chassis rails as possible.

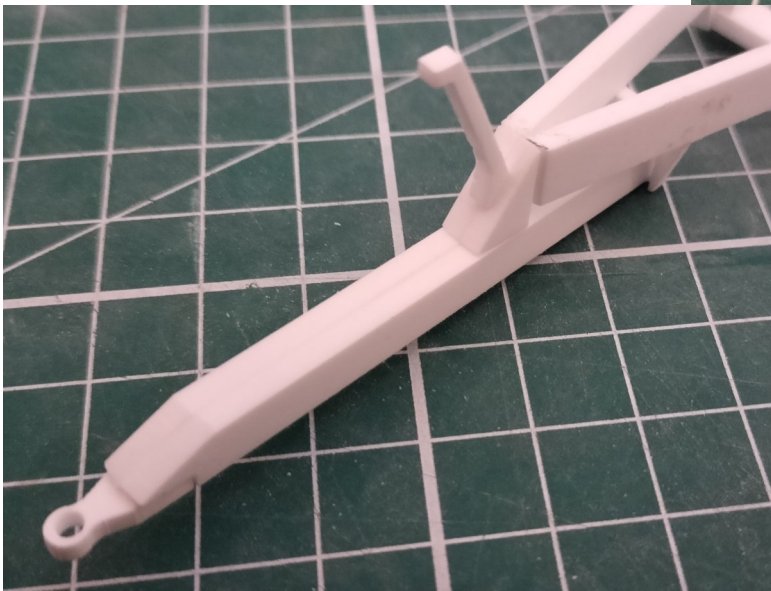
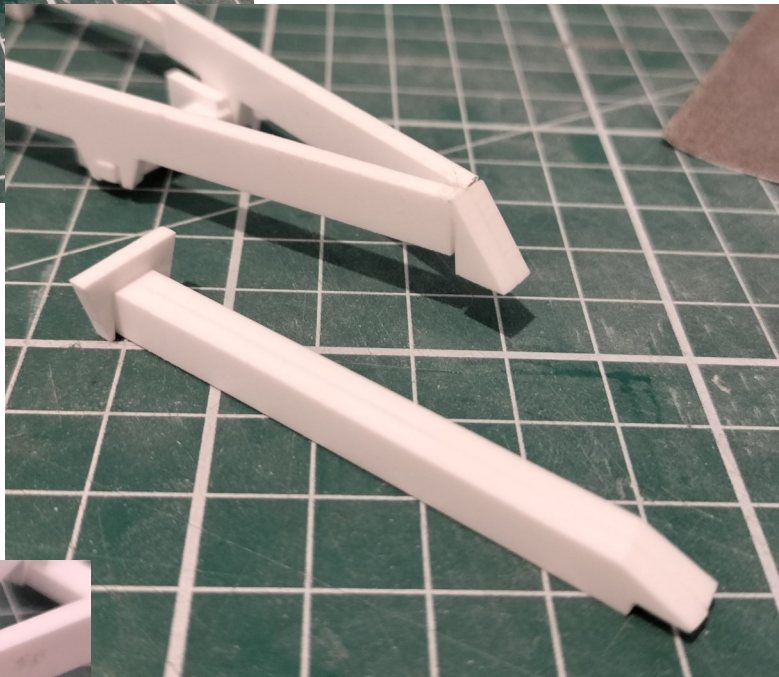
Note: Where ever there are pin holes check that the slag left over from cutting isn't blocking the hole. If it is, simply poke it with wire and it will break off and fall out.



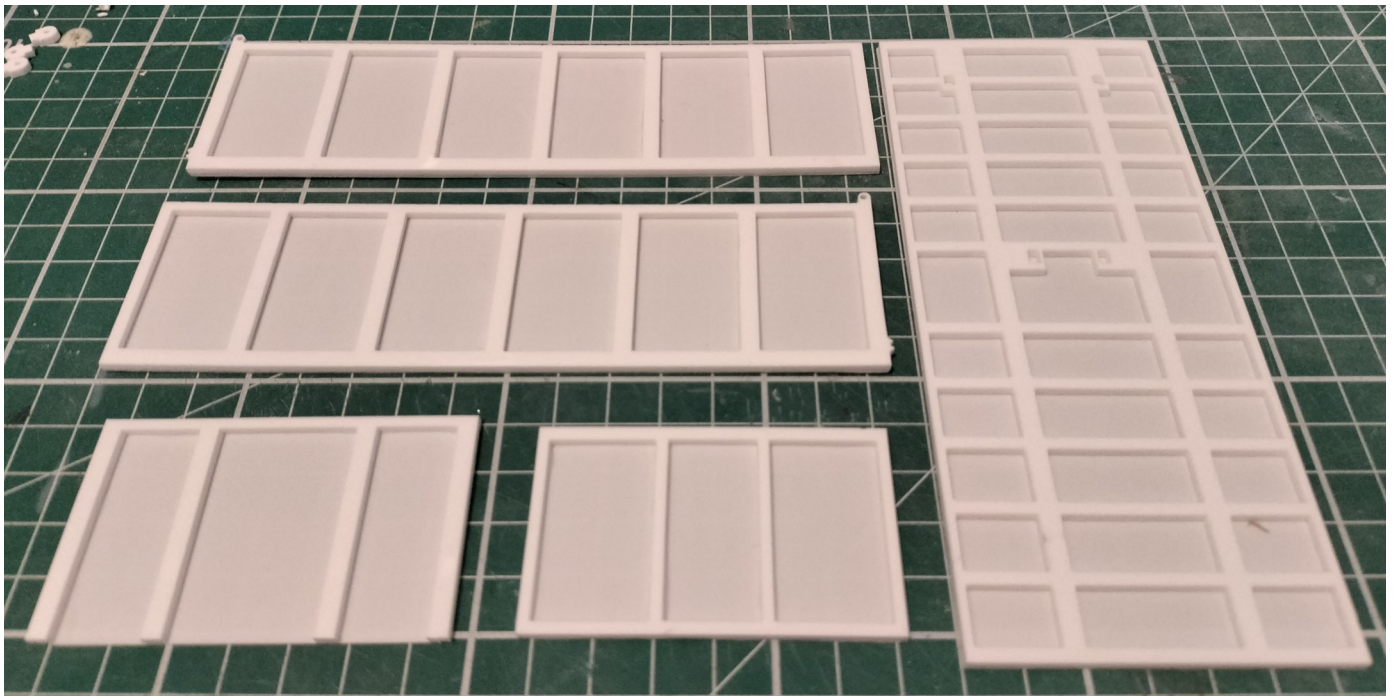


Step Eight. Glue the two halves of the chassis together taking care to get them the right way up, ram mount to the bottom, body pivot to the top. Glue the two thin plastic strips to the inside of the joint to add strength.

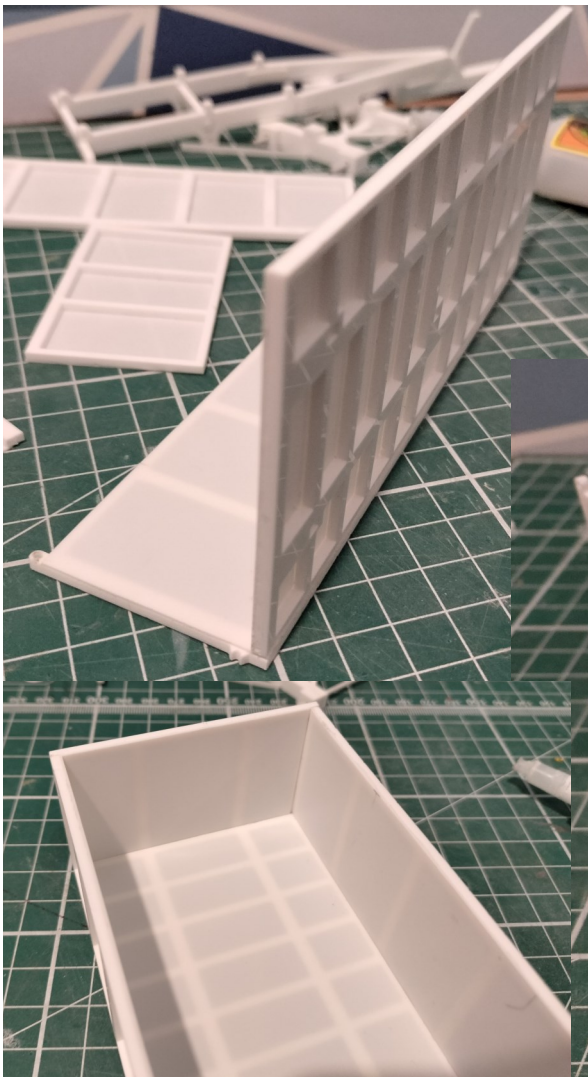
Step Nine. Glue the two No.10 together and glue these to the front of the chassis. Glue the longer of the two ends and make sure it is the right way round with the point to the top of the chassis. Glue the two No.11 back to back to form the drawbar. No.12 attaches to the back as illustrated and the tow eye No.16 fits in the slot at the front.



Step Ten. Glue the drawbar to the chassis. The length should be approx. 45mm from the drawbar eye to the front of No.12. No.26 glues to the sloped face of No.12 for the pipe holder.

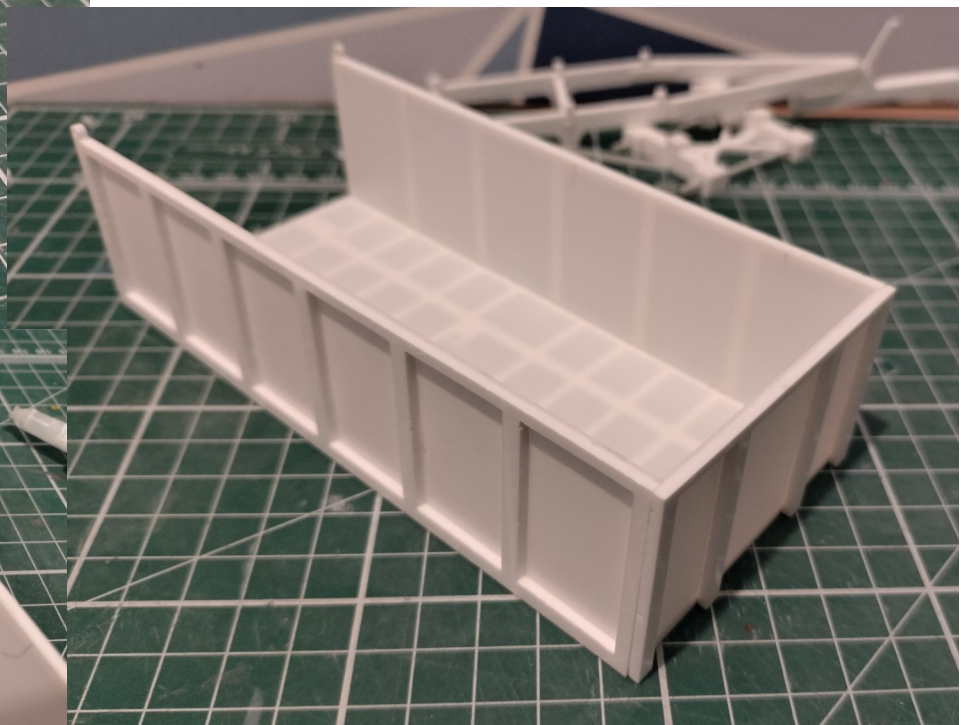


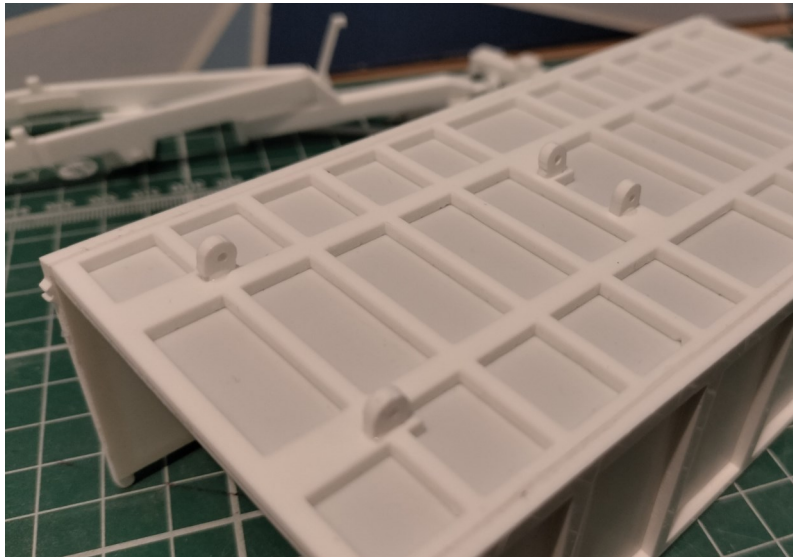
Step Twelve. To start building the body glue the thin plastic sheets to the two side panels (make sure the sheets go on opposite sides), the floor No.3, the front No.2 and the tail door No.22. Note that the sheet for the front isn't full width so that the panels line up properly. Glue the sheet central, there should be a thin 1mm strip that attaches to both outside legs of the front.



Step Thirteen. Assembly starts by gluing the floor to a side. Align the edges and keep the backs flush, this should leave a small 0.5mm gap at the front. Ensure the joint is square.

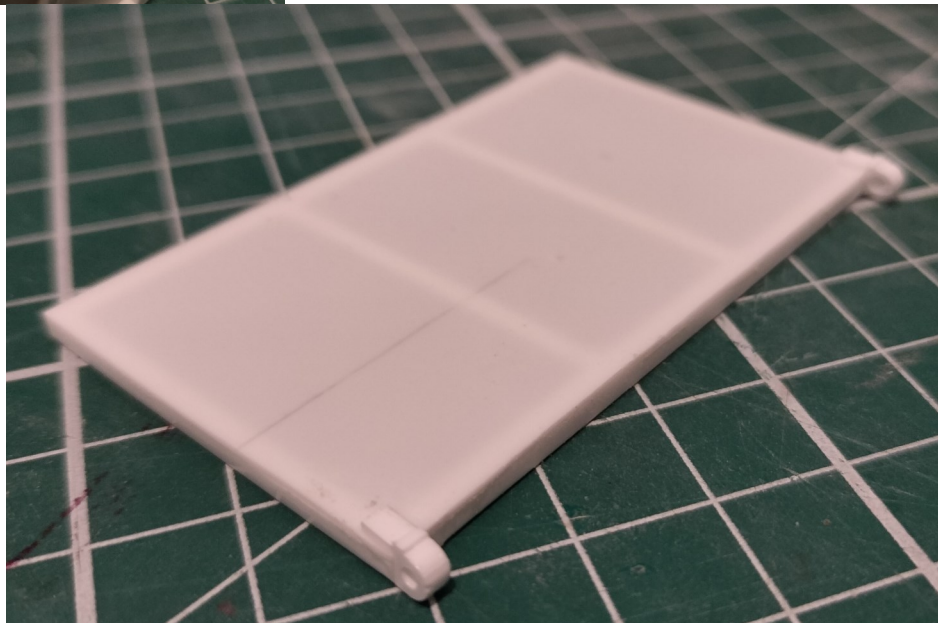
Step Fourteen: Complete the assembly by adding the front which should slot in butting up against the side and floor and then the second side.





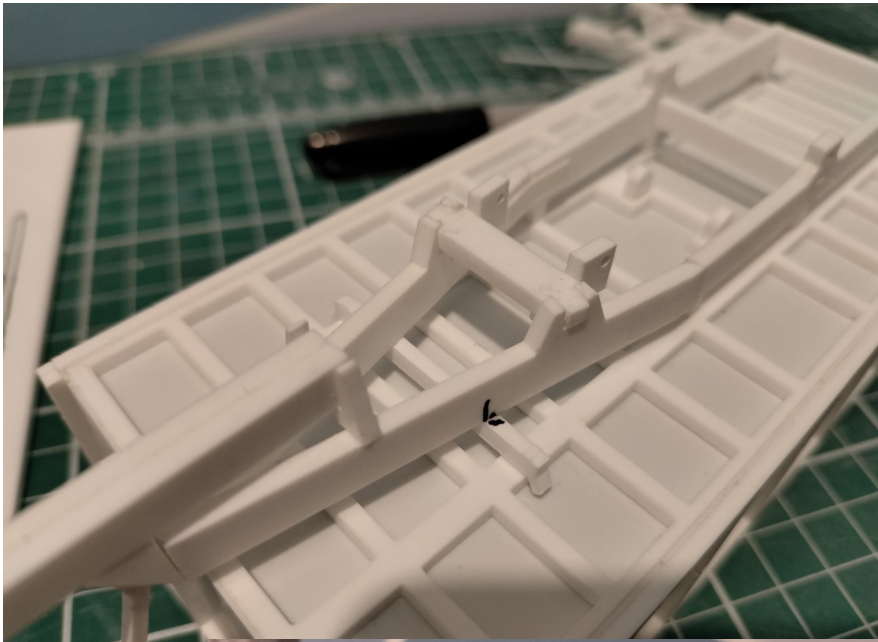
Step Fifteen. The four pivots No.4 glue into the base of the body as illustrated.

Step Sixteen. The tail gate is built up by gluing the two No.23 to the top corners with the long tails to the back of the tailgate



Step Seventeen. To complete the tailgate add a piece of the wire to the back with one end bent at 90 deg. Align the tailgate with the body and glue the wire in line with the two notches in the body. Add the two No.28 to the edges of the wire as illustrated to complete the tail gate.

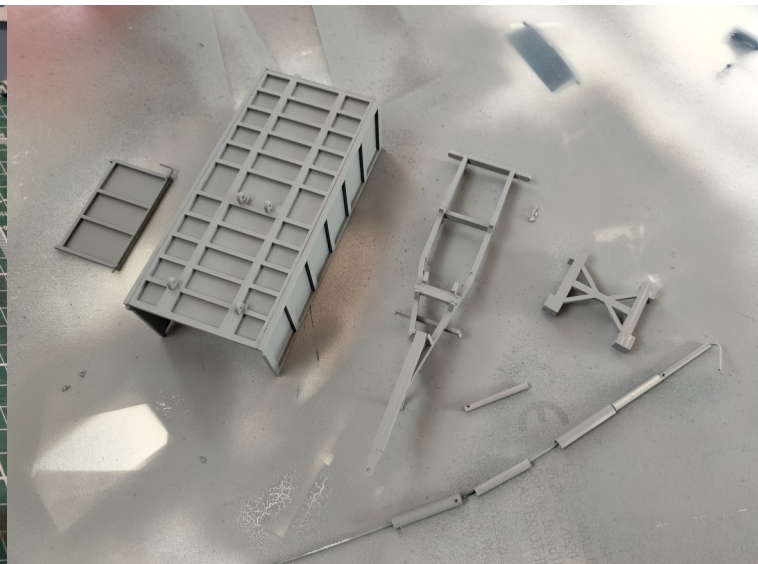
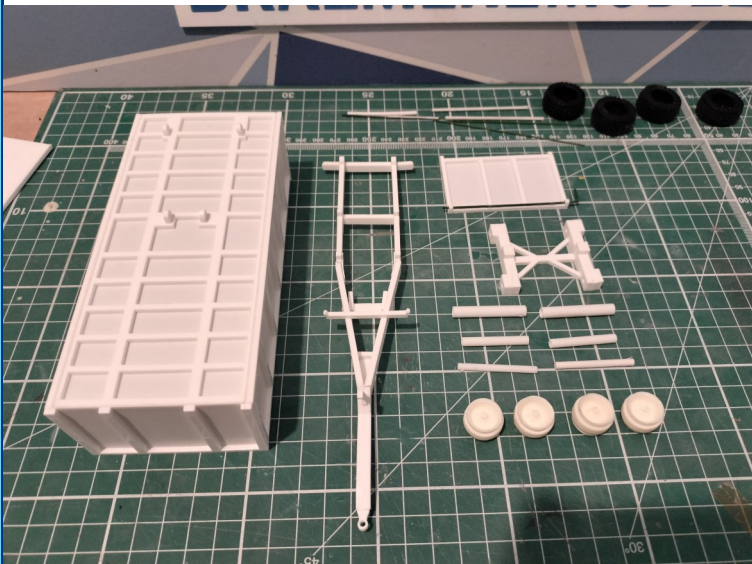
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Step Eighteen. With the body and chassis constructed the body guide No.15 can be glued to the chassis. Align the body and chassis and position the guide so that it holds the body straight in line with the chassis when the body is flat on the chassis.



Step Nineteen. With construction complete the parts are ready to paint. I use automotive spray paints to paint the models. Here Halford Grey Plastic Primer has been applied to the parts. Wash resin parts in soapy water before painting to remove the silicone release agent that will react with the paint.



BRAEMER MODELS

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Step Twenty. Top Coat Paint.

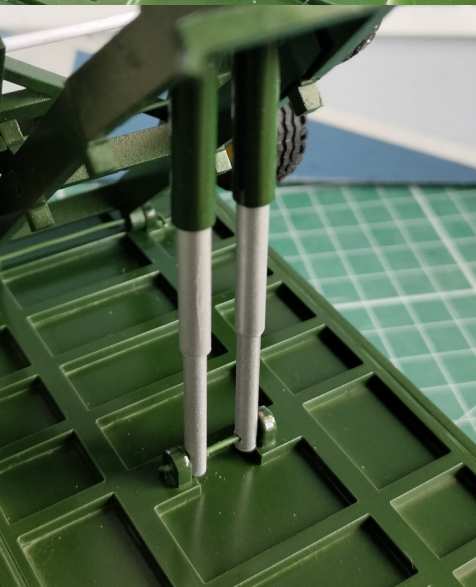
Paint scheme is completely up to you. We used Halfords Acrylic Spray Paints to paint the model in the instruction manual

Step Twenty One. The rams are made up of the three plastic tubes of descending size. The biggest tube is painted the chassis colour, the two smaller are painted silver. To let the body stand up with the rams gently pinch the bottom end of the two smaller tubes with pliers so they become a tighter fit which will support the body.



Step Twenty Two. Final assembly. The tailgate attaches to the body with two small lengths of wire bent to stay in place. The body attaches to the chassis with a length of wire through both pivots. The rams attach with wire through the pivot points and pre-drilled holes in the tube. The wheel glue to the ends of the axles and slot into the rocking beam.

This completes the assembly.



Tip. Colour the axles black using a sharpie or strip the paper backing off to enhance the look

Step Twenty Three. Sit back and enjoy the model that **YOU** built!!!

Below are some further reference photos to aid construction/assembly



Enjoy the build? There's plenty more kits available from Braemer Models

Any issues or problems please get in touch wherever you purchased the kit and we'll do our best to resolve any issues.

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