Wagon Load Supports
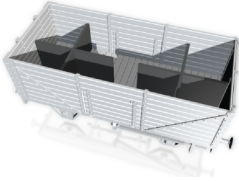## Designed to fit PRW-005 and PRW-007

1 Start by glueing the bottom half of this sheet to 1mm thick cardboard. Once fully dry cut out the parts using a sharp modelling knife.

2 Assemble two sets of the support legs by slotting two pieces together at right angles. Run a small bead of glue along all the joins and allow to dry. Meanwhile paint the top surface of the main support to match the intended load.
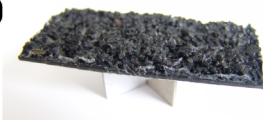
3 Place both sets of support legs into the body of the wagon as shown in the illustration, then place a piece of clingfilm over the supports so that it overlaps all four sides of the wagon.
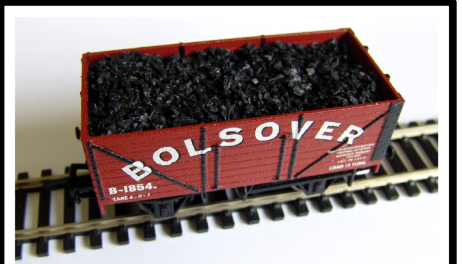
4 Cover the top surface of the main support with PVA glue and slide into the wagon. Ensure that the support is properly resting on the legs and that the cling film is tight against the sides of the wagon (the fewer wrinkles the better). Now add the required load. Mix a little PVA 50:50 with water, and a few drops of washing up liquid, then gently drip it over the load, ensuring everything is covered in glue. Leave to fully dry before gently removing the load and peeling off the clingfilm.

5 Glue the support legs to the top at a 45 degree angle as shown in the illustration, use the printed guide to help. Allow to dry, using a small weight to ensure a good join.

6 The finished load should now slot easily into the wagon. To remove the load press down gently at one end and then lift out.

Railway wagons were rarely moved whilst empty, as an empty wagon wouldn't earn the railway company any money. Fortunately it is easy to simulate a full load that can be easily removed.

You will require the following tools and materials to create wagon loads:

☐ steel ruler
☐ modelling knife
☐ glue stick
☐ cleaer drying PVA glue
☐ cutting mat
☐ 1mm thick cardboard
☐ clingfilm
☐ washing up liquid
☐ wagon load material
☐ paint to match the wagon load

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