



Ffestiniog Quarry Workmen's Coach Type 1a

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Assembly Instructions

32mm and 45mm Gauge

All wooden pieces of this kit will benefit from a light sanding with fine grade sand paper to remove any surface texture and the pips left by the breakout tabs.

It's recommended that parts are painted or stained prior to assembly as glue residue will not take stain.

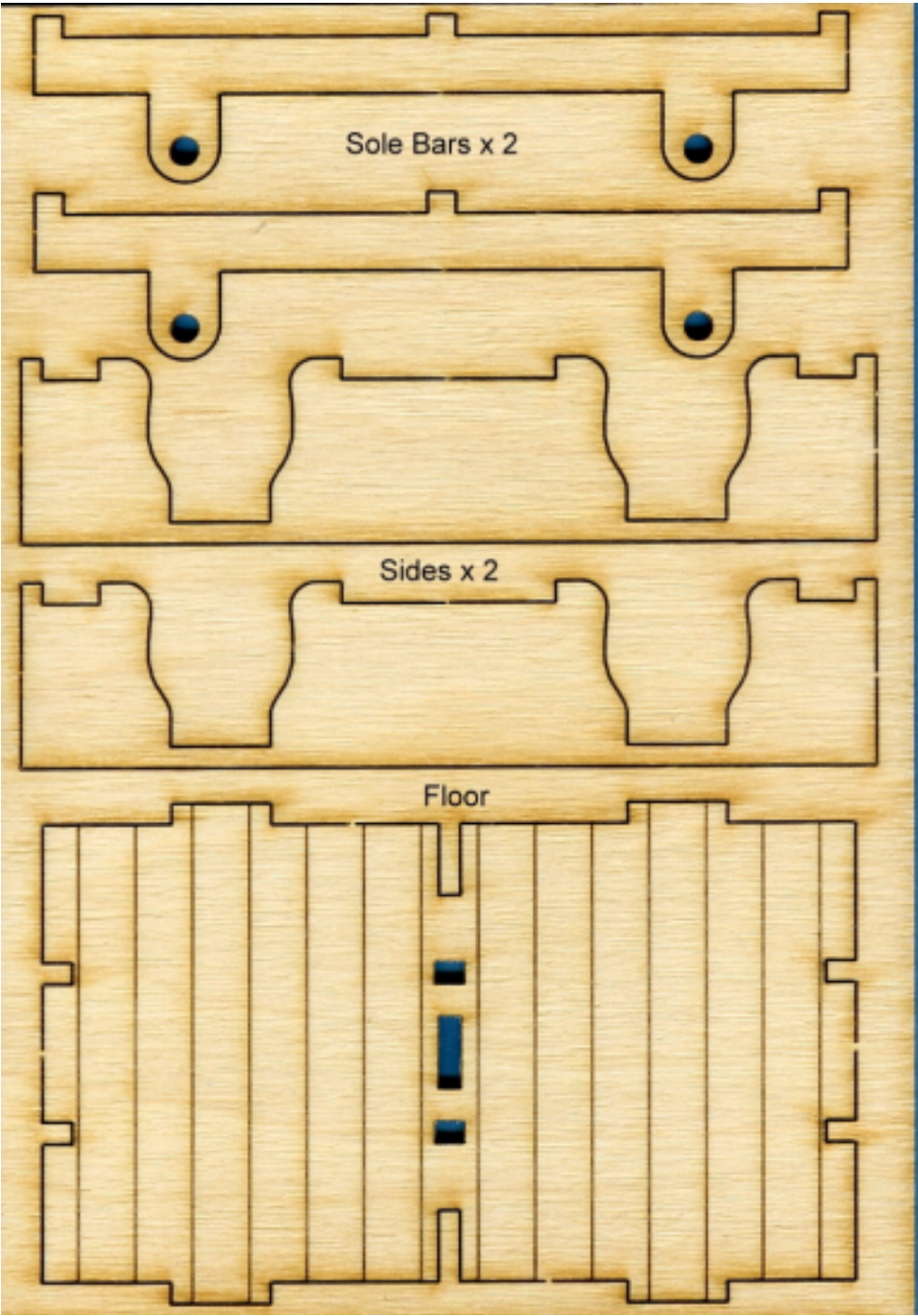
This kit is made from 3mm laser cut MDF. Any type of wood adhesive such as EVO-STIK resin W is suitable, glues of the SUPER-GLUE type are not suitable and should be avoided.

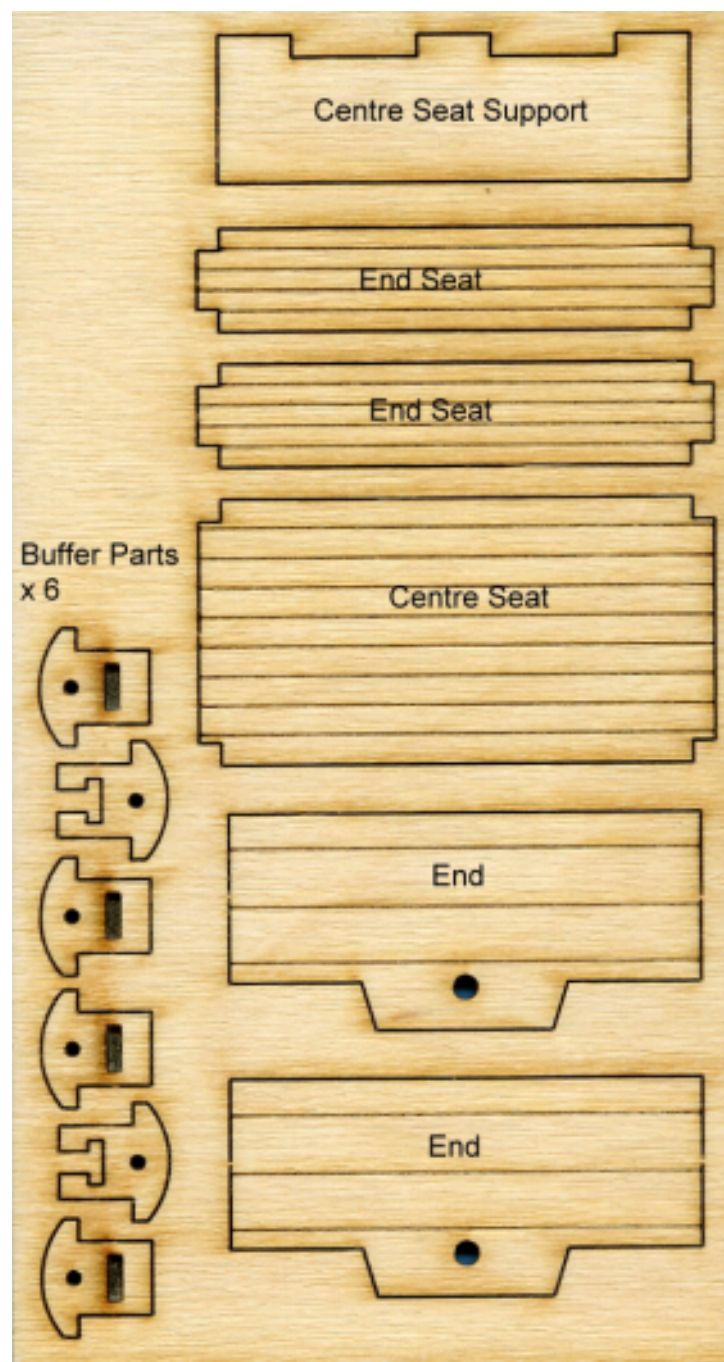
Cut the breakout tabs with a sharp modeling knife rather than snapping the parts out as this may cause damage to the wood.

Before you start assembly Please read through these instructions carefully and familiarize yourself with the pictures and method of assembly.

It will be necessary to have a few tools to hand such as clamps, a sharp modelers knife, snipe nose pliers and elastic bands.

Most parts can be dry assembled prior to gluing so you can familiarize yourself as to how the parts fit together.





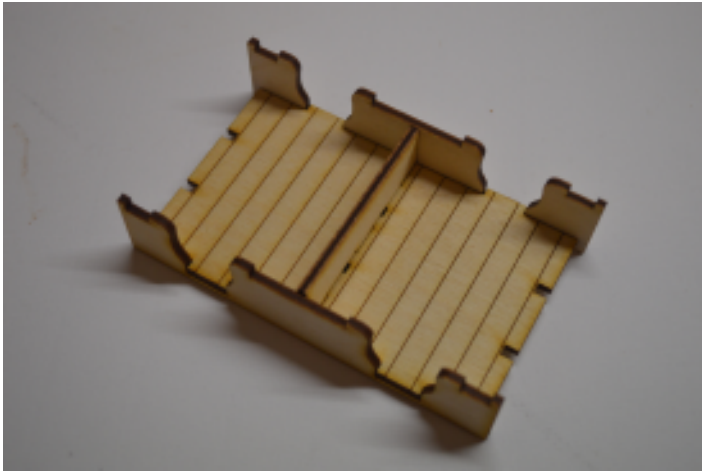
Locate the floor and centre seat support.



Assemble the 2 pieces as shown ensuring that the engraved lines on the floor are facing upwards.



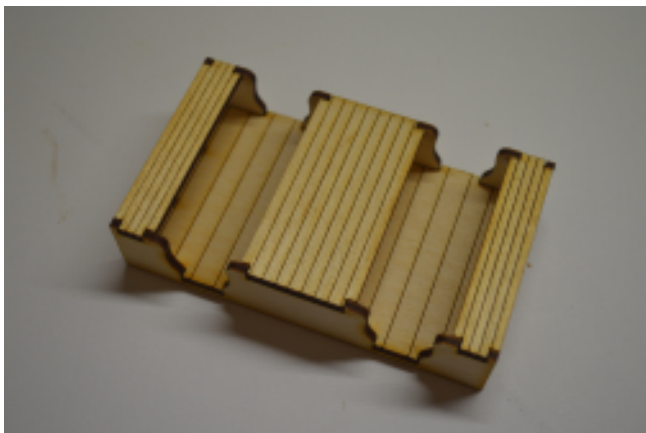
Locate the 2 pieces which make up the sides of the coach.



Fit them to the floor using the projecting taps at the door openings to locate them ensuring that the sides are pushed fully against the floor.



Locate the 2 end seats and the centre seat.



Fit them into the recesses in the sides as shown ensuring that the engraved lines are facing upwards.



Locate the 2 sole bars and the 4 brass bearings.





Press the bearings into the holes in the sole bars.

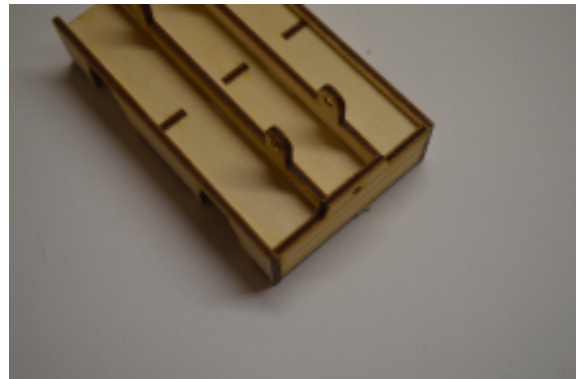


Fit the solebars into the locating holes on the underside of the floor ensuring that the flange of the bearings are facing outwards.

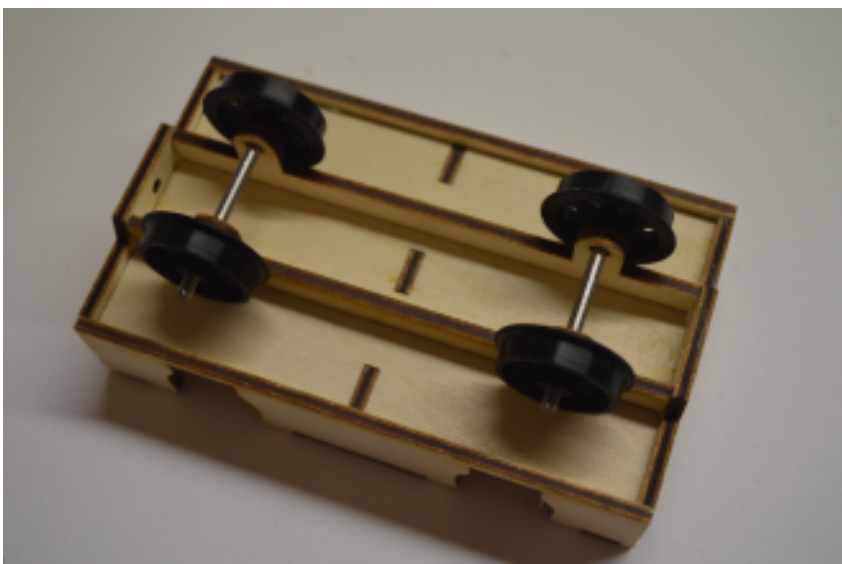
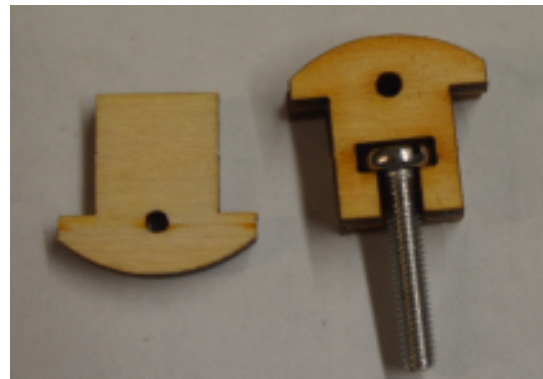


Locate the 2 end pieces.

The end pieces fit between the side pieces as shown. Ensuring that the etched lines are facing outwards.



Locate the parts which make up the buffer. and glue all three sections together with the screw in the middle and the grooves on the outside pieces facing inwards to locate the screw head. Ensure that the small hole in all three parts line up so that the rod for the coupling can be passed through. Finally clamp all three sections until the glue has set.



The wheels and axles can now be fitted. Whilst holding the axle with a pair of pliers the wheels can be pushed / twisted on. Set the back to back distance between the wheels to 28mm. When assembled around 5mm of the axle will protrude from the hub of the wheel, this can be left rather than trimmed off.



Finally fit the buffers and make up the coupling hooks using the supplied rod.

