



# Small Bogie

Copyright (C) 2016 Wood Valley Works

## Assembly Instructions

32mm Gauge only

All 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.

## PLEASE NOTE

This kit is made from 3mm laser cut birch ply wood, 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.

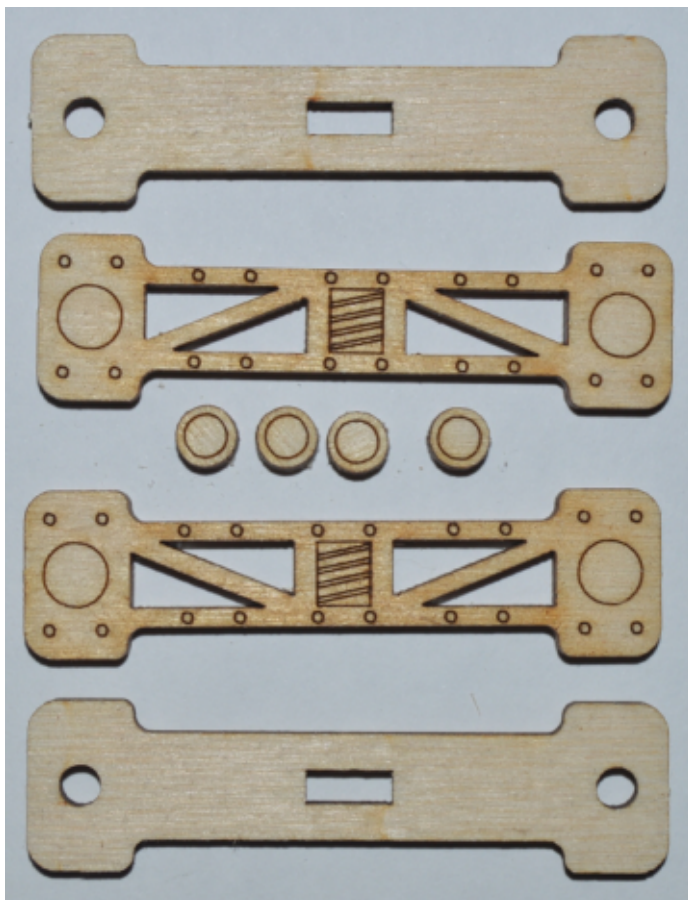
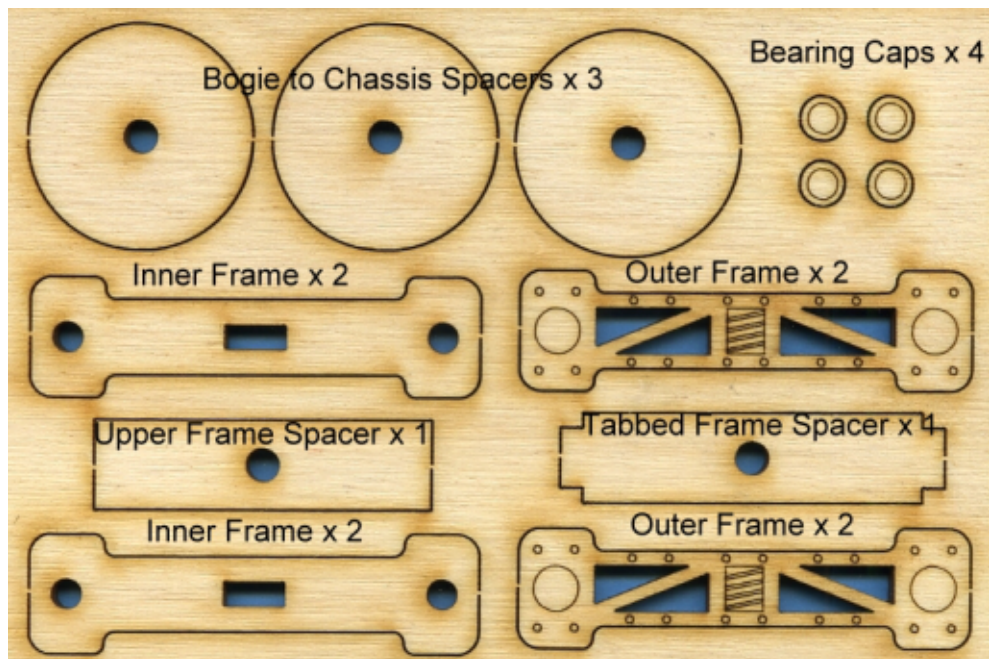
Cut the breakout tabs with a sharp modeling knife rather than snapping the parts out as this may cause damage to the wood.

This kit is supplied with wheels, axles and bearings.

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

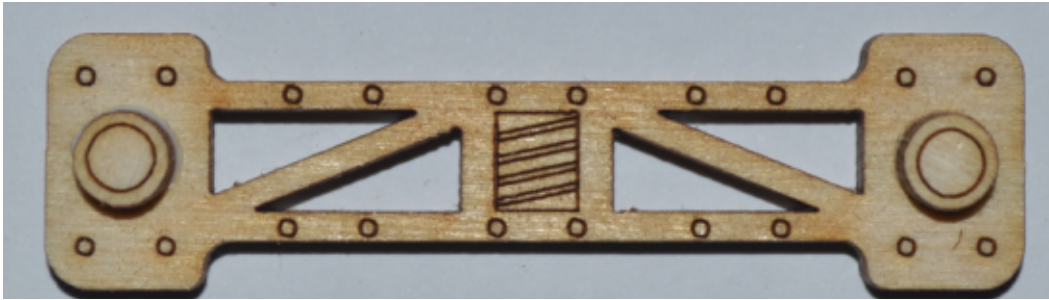
It will be necessary to have a few tools to hand such as clamps, a sharp modelers knife, snipe nose pliers and elastic bands.

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

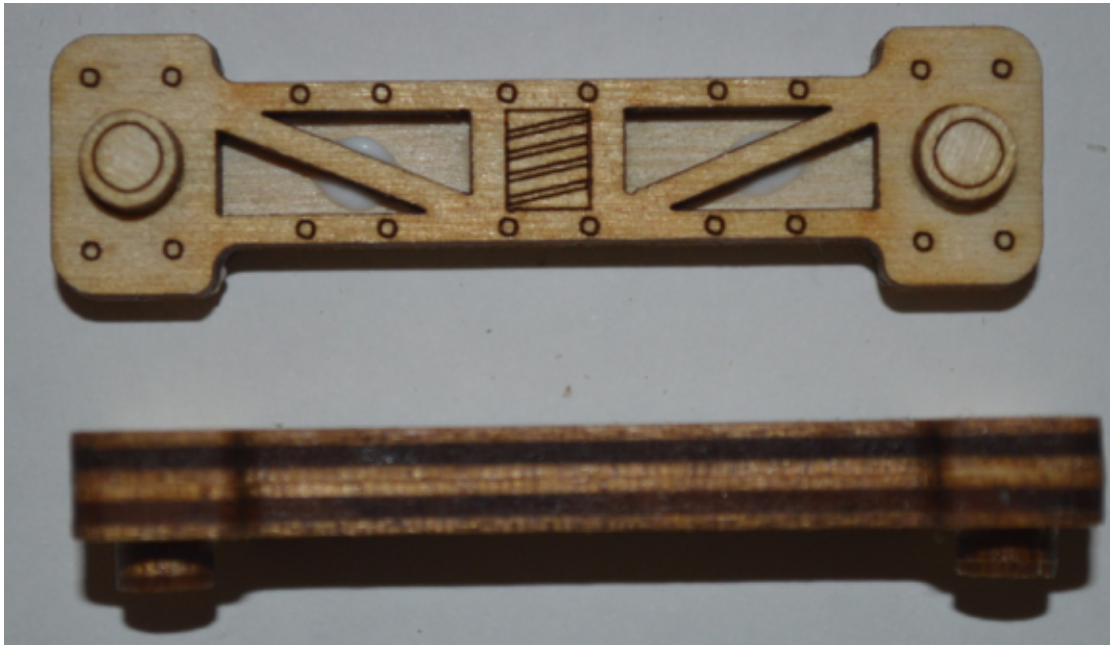


Locate the parts that make up the inner and outer frames of the bogie and also the 4 bearing caps.

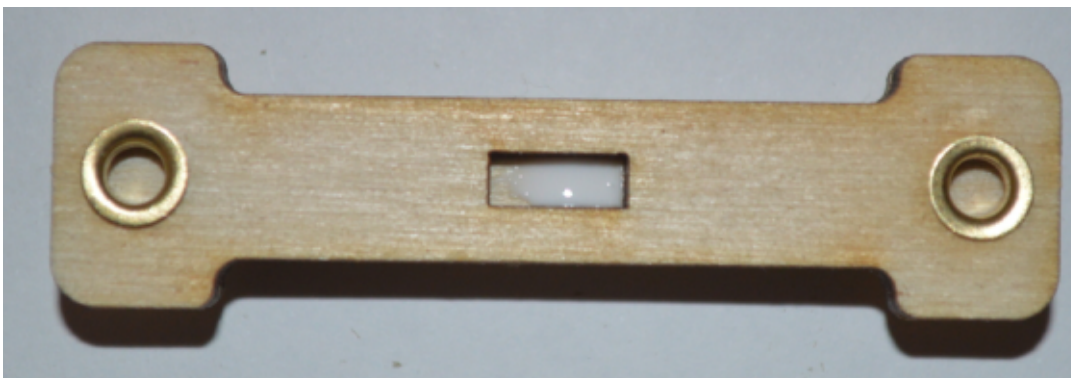
Glue the 4 bearing caps onto the bogie outer frames using the engraved circles to line them up.



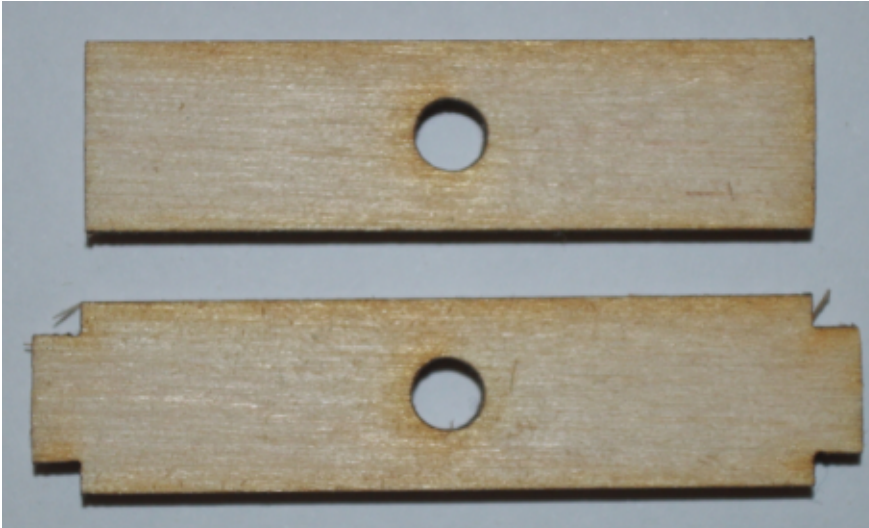
Glue the outer bogie frame to the inner bogie frame.



Locate the 4 brass bearing inserts and press them into the holes on the inner bogie frame.

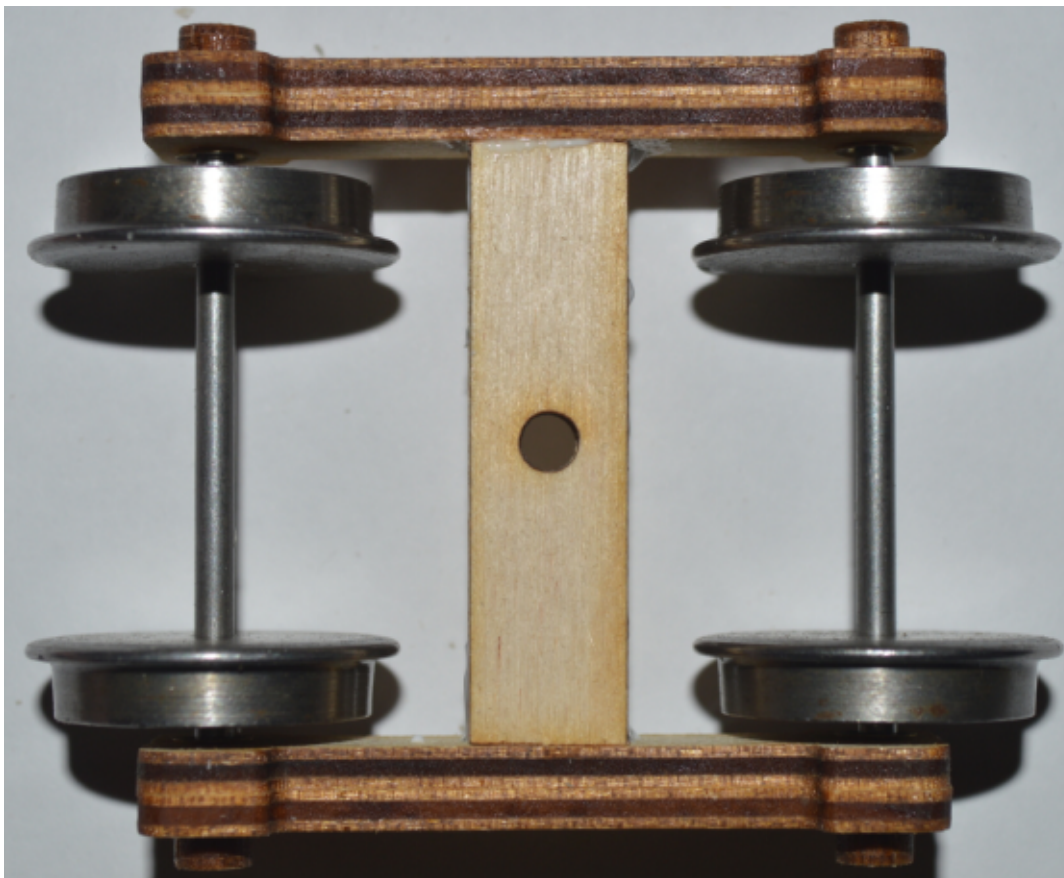






Locate the 2 parts which make up the frame spacers. The part without the tabs is the upper spacer.

This is the fiddly part of the assembly. Ensuring that both sides of the frames are the same way around, glue the frames to the frame spacer with the tabs and locate the wheel axles into the brass bearing.



With the frames as shown in the picture below, glue the upper frame spacer on to the tabbed frame spacer ensuring that the holes line up.



Using clamps and elastic bands make sure the assembly is held securely whilst the glue dries.

