

Rumney Models Headstock Cutting Jigs

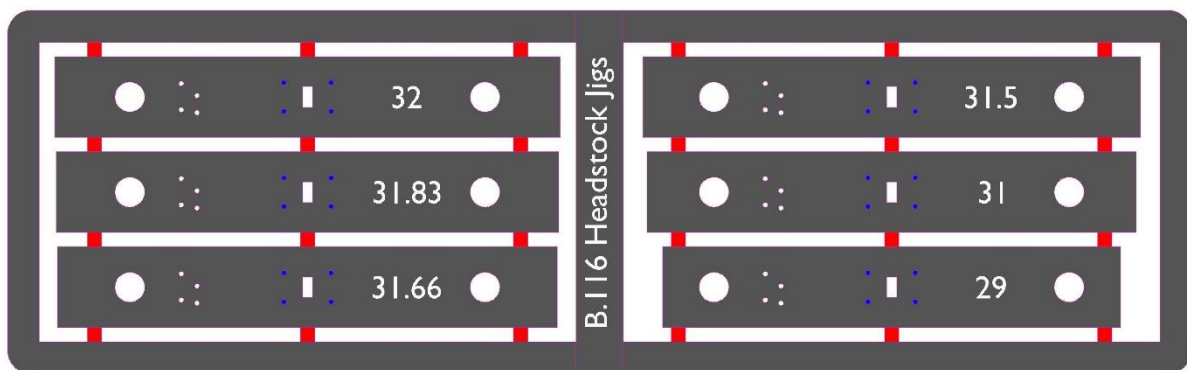
Introduction

There are several Rumney Models wagon chassis in the B.XX series that cover general merchandise wagons. These come complete with headstocks attached to the top plate and are designed to cover several wagon types. As the headstock length varied depending on type of wagon, they are etched to the longest length and so may require some sort of trimming before use. Kit B.116 provides cutting jigs for some popular lengths of headstock to save the hassle of measuring, marking and cutting headstock to the desired length. They also include drilling jigs for lamp irons and dummy vacuum pipe couplings for those who wish to pin the parts in place.

The full list of underframes that these cutting jigs are suitable for is as follows:

B.01, B.11, B.12, B.32, B.51, B.52, B.53 & B.61

The Etches



The kit includes six cutting jigs covering some of the more popular headstock lengths. They are summarised as follows. Note that the list is by no means exhaustive.

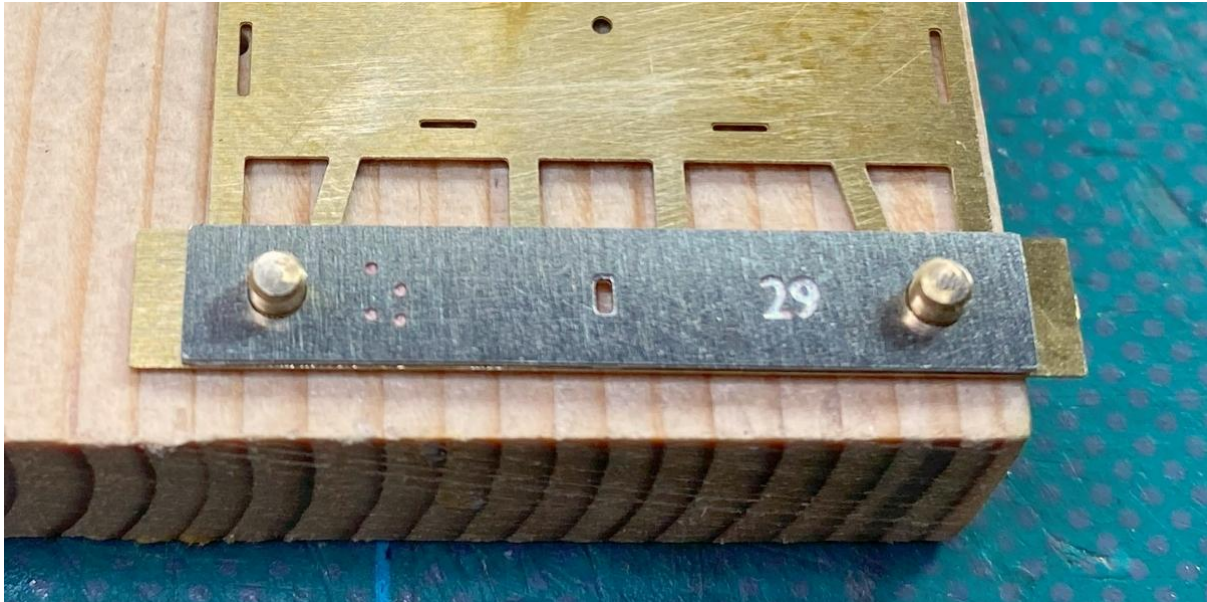
- 32mm - 8' wide open wagons with full length headstocks
- 31.83mm - Ratio LMS vans
- 31.66mm - Parkside BR standard vans
- 31.5mm - Cambrian LMS vans
- 31mm - Open wagons with reduced length headstocks. These generally cover builds around World War 2 where headstocks were reduced in length to save on materials.
- 29mm - Shock absorbing wagons

You will require a pair of 2mm diameter pinpoint axle bearings (non-waisted top hat are best I think (I used Gibson 4M63) to align the jigs on the top plate of the wagon underframe kit.

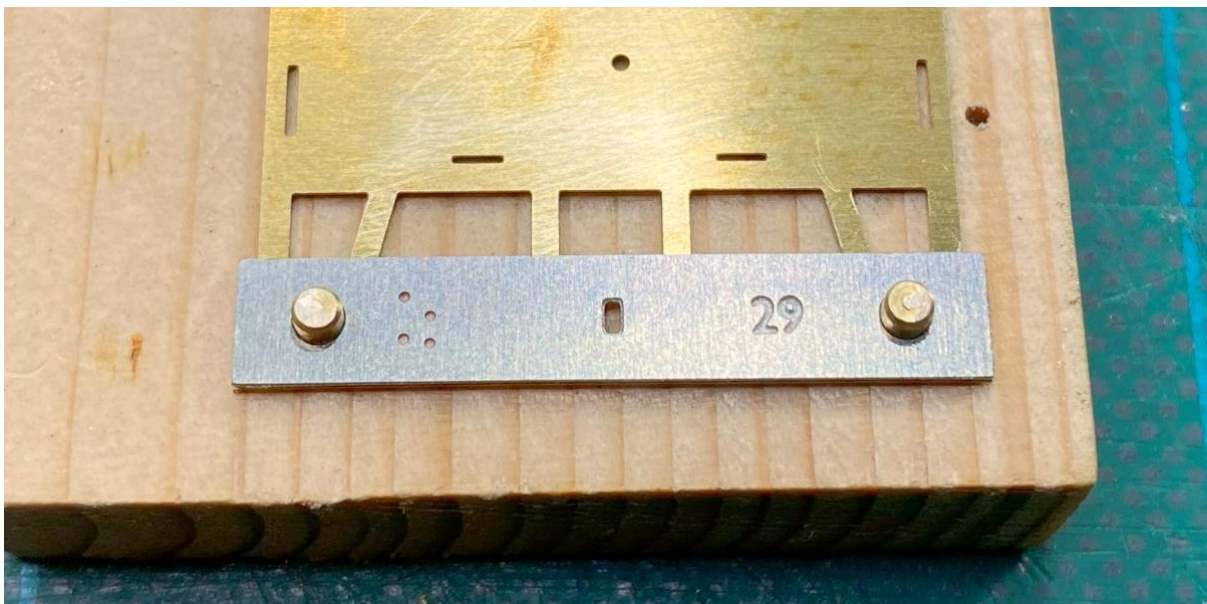
How to Use

When you remove the top plate of the wagon chassis (this should be part 1) check the fit of the axle bearings in the buffer holes and adjust if tight with a tapered reamer. Also check the fit of the bearings in your cutting jig of choice and adjust if necessary.

You need to place the top plate onto something that will support it when cutting with the fold lines on the headstocks facing away from you and the bearings inserted so that the flange is between the top plate and support. I use an offcut of wood to support the part. The cutting jig can then be placed over the top plate. Do this so that the number on the cutting jig is visible. See image below.



Use a piercing saw against the edge of the cutting jig to cut the headstocks.



If you wish to pin items such as lamp irons and dummy vacuum pipe couplings to the headstock for strength, then you can use the two pairs of holes provided. See Fig.1 below. Check your prototype to see if they had either fitting attached to the headstock. Obviously, if it's an unfitted wagon you won't need either and lamp iron positions varied a lot. Also, if the wagon had upright type vacuum pipes, then there is no need for the dummy vac pipe coupling. They were only used with the 'swan neck' types.

Use a 0.3mm drill through the holes to drill for the two parts.

Fig. 1

Lamp Irons
Dummy Vac Pipe Coupling



Repeat for the other end and put your jigs somewhere safe for next time.

Justin Newitt - September 2024