

World War 1 WARFLAT

Designed by Stuart Reid

Manufactured & Sold by Hobby Holidays

This is part of the designer range of kits from Hobby Holidays. These kits are by some of the latest designers from the UK and around the world, and manufactured and packaged by Hobby Holidays.

These set of notes are a sort of review done during my build of the kit, and are extra to the designers original set included in the kit as a CD with pictures I have taken during assembly. The beauty of getting them on a CD is you can Zoom in to see the detail without the loss of detail from printing.

Phil Atkinson – Hobby Holidays.

The only extras required except the obvious of paint and solder etc is some Chain and shackles if a load is fitted, wire for handles, and some packing between the bogies and wagon to suit.

A lot of the parts can be soldered using a resistance soldering unit (RSU) in fact some of the parts will be better done with an RSU to save on the cleaning off of excess solder, but this is not essential.

It is recommended that a lot of the folds are done with folding bars or a "Hold & Fold". Due to fold line being close to edges and half etched areas, clamping is essential and/or scratch or scrawk deeper grooves before bending.

I found cutting the tabs a little tricky due to the need for tabs to be located on already 1/2 etched areas. I found using a small chisel with a sharp tap on a hard surface (Formica worktop) with the 1/2 etch uppermost, the best method for this kit.

There are rivets in various places and should be pushed out, before any further folding or soldering. Then be careful when forming to shape not to push rivets back in again (cardboard from cornflake packets are useful for this). I would suggest a decent rivet tool.

"Slot and Tab" is used quite a lot in this kit which helps the assembly quite a lot but it has its drawbacks. The etching process just like any other process has a tolerance due to metal thickness, the chemicals used all in relation to the time in the bath. The results of this could be the tab will not fit in the slot as the slot is too narrow. My solution to this is to get an fairly old flat needle file and grind off 1 face of one side. (Keep dipping water to keep cool or you will soften the file) Grind until it fits in the slot and file each side if the slot by drawing the file back and forth.

I have tried to write these notes in a similar order to the original designers so you can read them in parallel. However with hindsight there are some parts are that are either easier to fit at different times or easier to position at

the correct angle/place at a later time, hence why these notes say at various times "don't fit now".

Here I must double apologise. I just ran out of time and not had a chance to write my own version of the wagon body instructions and had completely forgotten that I had not done the instructions for the bogie. What I have done is supplied you with a set I have done for the Rectank. These are a similar Diamond frame bogie but with 2 major differences

1:- The Bolster is a more complex shape and there should be some pictures on the CD

2:- This time instead of using 14BA screws and having to tap the tube. The axleboxes are fixed in place (on the real thing) with very long bolts. These are replicated using 14BA nuts and 1mm brass rod. If you broach the hole in the nut it will slip over the 1mm rod perfectly. And the whole lot can be soldered in place. This bolt would normally have a Hex head at the top and a nut at the bottom. Hence on the model solder the first nut on to the wire and file the wire flush with the surface of the nut to make the bolt head, then solder another nut after passing it thru the 2 top frame members along the side of the axlebox and then thru the bottom frame member, this time leaving a little of the wire extending thru the nut. This needs to be done twice for each axlebox and you need to make dummy bolt heads and dummy bolt bottoms for the suspension castings in the centre section of the frame.

I will of course between other jobs including re-stocking the shop continue to update the instructions, adding pictures etc, which I hope will be posted to our website. However if you need further information please do not hesitate to contact me.

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