

GWR and BR Conflat instructions (2-572)

Historical Notes

The GWR built a large number of Conflat wagons, of which the most numerous diagram was H7. This design was continued and refined by BR, with the most common diagram built being 1/069 (11941 built). This etch allows either of these designs to be built, in conjunction with Association etched underframes.

Assembly instructions

Parts required

1 x	underframe etch
	9ft RCH (2-324) for the GWR diagram H6
	10ft RCH (2-332 + 2-337) for the GWR diagrams H7, H9, H10
	10ft BR 4 shoe fitted (2-354) or 10ft BR 8 shoe fitted (2-357) for BR diagram 1/069
4 x 2-041	Rolling stock axle bearing cups
2 x 2-205	6mm three hole wagon wheels (or similar according to prototype).
4 x 2-441	Ribbed wagon buffers (or similar according to prototype).
1 x 2-346	Turned brass vacuum cylinder

0.3mm brass or nickel silver rod
solder and tools

General

Certain parts of the etch are very delicate, and therefore care is needed when cutting both them and adjacent parts out. Spares are provided of certain small or delicate items.

Although it is possible to assemble the kit using superglue, for these instructions soldered construction is assumed.

Unless otherwise indicated, fold lines for 90 degree folds are on the inside of the fold, for 180 degree lines on the outside of the fold.

Parts on the etch are numbered. An enlarged picture of the etched fret is provided for clarification. Study this and the instructions carefully before beginning assembly.

Assembly

1. Build the chosen underframe etch according to the instructions supplied with it.. However, instead of using the bufferbeams supplied with the kit, use the combined bufferbeam and ends on this body etch. Sloping bufferbeam ends (part 1b) were used by GWR and early BR diagrams, those with straight ends (part 1a) on later BR builds. If building
2. Solder the floor (part 2) between the ends, ensuring it is centralised.
3. Fold up and solder the chain boxes (parts 4) centrally under the floor and abutting the solebars. You may need to file them to ensure a correct fit against the underframe
4. Solder the sides (parts 3a for later BR builds, 3b for GWR and early BR builds) to the assembly. They should correctly abutt the ends.
5. Solder the chain box covers (parts 5) onto the sides
6. Solder the wooden baulks inside the sides and ends – two layers are used for each end. Alternatively, cut to the same size and fit pieces of plastikard.
7. For BR conflat, cut out the two sets of chain rings together with their support (parts 7). **Do not cut out each individual chain ring.** Align these over the sides, and solder each ring in place. Ensure they are all securely fixed. Then cut away the supports.