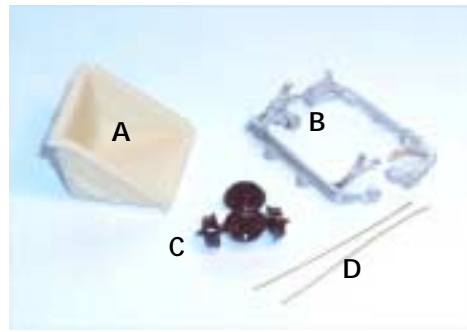


OO9 Wagon Kit W.G. Allen Vee Tipper

Nigel Lawton 4mm/ft 1:76 scale 9mm gauge



Design Copyright Nigel Lawton 2001
This is not a toy but a scale model and is not suitable for children



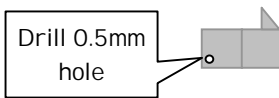
The W.G. Allen Vee Tipper truck kit is made up from the following parts:-

- A) 1 x Vee skip resin casting.
- B) 2 x half-chassis whitmetal castings.
- C) 2 x 5.1mm 9mm gauge wheelsets.
- D) 2 x 30mm lengths of coupling loop wire.

Whitmetal is toxic and should not be ingested or used in areas where food is prepared.

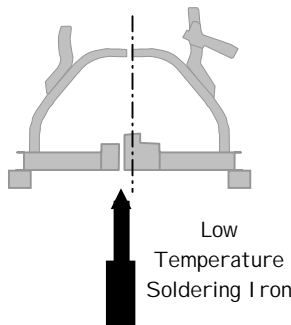
Please read all the instructions before starting to assemble the kit. This is a simple kit but the quality of the finished item will be improved by observing the notes included in these instructions.

The cleaning up of most of the chassis should be left until the two halves are assembled as the unassembled castings are quite fragile. The only areas you need to clean up before assembly are the edges of the half-couplings and cradles which are where the two half-chassis are joined. Use a small flat file to remove any roughness being careful to keep all surfaces square.



Next drill out the coupler pivot holes with a 0.5mm drill in the locations shown.

The two half chassis are best joined with lowmelt solder but superglue can be used. I suggest clamping the soldering iron in a vice or '3rd hand' and having pre-tinned the chassis parts both on the couplers and the underside of the cradles assemble them over the soldering iron as this allows them to be carefully mated to give the best alignment of the



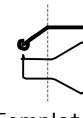
frame. The assembled chassis can be compared with the actual size plan shown here.



Actual Size

Check and if necessary adjust the alignment and overall dimensions - just place your assembled frame onto the plan.

The wheels can be assembled as the two chassis halves are joined if you can muster enough fingers for the job, however I find that the chassis can be carefully bent out and back enough to insert the wheelsets after the two half chassis have been joined. If you take the superglue option you will probably not be able to do this. Clean up the solder joints with a small file and fill any cracks particularly on the couplers with solder or filler.



Template

Bend up and fit the coupler loops using the wire and template provided.

Blacken them with an indelible black marker. Alternatively you can use most proprietary coupler loops.

Remove any flash and sprue from the Vee skip part of the truck. This can be superglued in place. If you want to improve the appearance of the support brackets you can drill out the round sections at each end with a 0.5mm drill. The skip can be assembled to the chassis in either normal or tipped positions.

