

This etch provides replacement buffer beams and solebars to convert the 9' W/B Part No. 2-331 or the 10' W/B Part No 2-333 vac. brake fitted wooden underframe into the equivalent metal chassis. The kit provides a choice of square or angle ended buffer beams and an option of having mineral wagon door stops if required.

To remove the components from the etch it is recommended that it is placed $\frac{1}{2}$ -etch lines down on a hard surface. The joining tabs are cut close to the waste material by pressing down firmly with a sharp curved scalpel blade (eg Swann Morton No 15). The freed components should then be turned over and the remainder of the tabs trimmed off close to the edges. Care must be taken with the sides of the solebar cosmetic infills.

The narrow flanges along the top and bottom edges of the solebars and buffer beams must be bent over at right-angles. It is recommended that this is achieved using Bend Tool Part No 2-350 and in accordance with the instructions supplied.

The cosmetic solebar infills can be glued in using a thin smear of Rapid Araldite. Select 9' or 10' infills as appropriate. The ends of the infills must be aligned with the ends of the solebars and the square brake lever holes free from glue. The ends should be secured together until the glue has set.

The door stops are folded down and a touch of Carrs 188 solder paste applied at the rear to secure them to the lower flange. They are bent to shape as in Fig 2. If the door stops are not needed they are broken off.

An exploded view of the Chassis/Solebar/Buffer beam arrangement is shown, Fig 1.

Place the basic chassis upside down on a flat surface and attach the solebars with Superglue or another smear of Araldite. If preferred a touch of glue will hold the parts in place while a tiny fillet of solder paste is run in. Care must be taken to set the solebars centrally to enable the buffer beams to fit properly. The infill marked 'X' on the frat fits on side 'X' of the chassis. The buffer beam channels clip over the ends of the solebars (see Fig 3) and can be fixed to the chassis buffer beam supports with a touch of solder paste (see Fig 4).

