

UW4 UNDERFRAME for GWR CENTENARY STOCK & SUPER SALOONS

- 1 Drill out the bogie fixing holes clearance for M2.5, and drill V hanger holes 0.75mm for brake cross rods.
- 2 Remove the floor pan from the fret. If you are building the Restaurant First Dia. H43 (Comet Models W75) remove the angle trusses and keep them safe, otherwise the trusses should be left in place (see steps 6 and 7 below).
- 3 Bend up the edges of the floor. If you are building a complete kit the underframe is now used as a jig for assembly of the sides and ends. Only when this has been completed should you proceed to step 4.
- 4 Fold the bottom lip of the solebar, including the short sections for the angled ends and reinforce with a fillet of solder applied from the rear. Fix the solebars to the floor through the etched slots, taking care to ensure they are vertical.
- 5 Solder the backing piece centrally on the buffer beam (which is found in the appropriate ends pack), then solder in place across the ends of the solebars.
- 6 For all coaches except the Restaurant First detach the angle trusses from the floor at the outer ends only. Fold the angle trusses down from the floor, and fix to the inside face of the solebars. The diagonals can be bent slightly at the queen posts to alter the angle and reach (if required, by reference to the plans in the coach sides packs) before finally fixing the outer ends to the solebar in the desired position.
- 7 For the Restaurant First only use the longer centre sections provided and solder them centrally behind the solebar. Remove the diagonals from the original trussing and solder them in place by reference to the plans in the coach sides pack.
- 8 Fit the end stepboards to the angled ends of the solebar. Make intermediate stepboards from the wider surround of the etch and fit where indicated. You might prefer to drill and fit supports from 0.45mm wire as shown.
- 9 Bend up and fit V hangers, also additional battery boxes according to prototype.
- 10 Fit whitemetal detail from packs UCW1 and ECW2 as shown in the sides pack. Use 0.7mm wire for the brake lever cross rods.

