

See Kits, No 14 - The Feltham Tramcar.

Background.

The development and history of this fine tramcar is comprehensively presented in the booklet "The Felthams" by K.C. Blacker and the modeller is strongly recommended to read it before deciding on the livery and the condition of the car to be portrayed. Two Feltham cars survive - M.E.T. No 355 in the London Transport collection at Syon Park, London and Leeds No 526 at Seashore Electric Railway Museum, Kennebunkport, Maine, U.S.A.

This Kit.

The following will instruct as to the assembly of this kit to produce a model of the "Feltham" type tramcar fitted with trolley poles (dummy) in its final condition when operated in London. Note that Leeds used bow collectors and experimented with pantographs, neither of which is supplied in this kit.

Assembly Instructions.

Read these instructions carefully. Check each part against the drawing. Remove any flash and check that all locating holes are clean.

Read these instructions again but whilst doing so have a dry run with the parts to familiarise yourself. If the interior is to be complete the following parts will have to be painted now - Nos 1, 2 and 3 (interior and outside of window frames), 10, 11, 12, 20, 21, 25, 27 and 28 (complete) - but not on the areas where other parts or glazing are to be fixed. A second coat of paint should always be given to ensure a good finish. Cut the glazing strip to cover all window areas and fit before assembly.

Now assemble the model carefully step by step following the instructions and drawing. The part numbers are shown in brackets. Assemble with a modern quick setting epoxy resin.

1. To each Body Side(1) locate Door(10) and Stair(11) to which Stair Partition(12) is fitted. Place Conductor(28) if required on lower deck. The upper deck glazing should not extend outwards from the centre beyond the mid-points of the end window pillars.
2. To each Body End(2) locate Controller(20) and Hand Wheel(21). The glazing must protrude beyond the upper deck windows to the mid-point of the first window pillars of the Body Side(1).
3. To each Bulkhead(3) fit Cab Seat(25) and Driver(27) as required.
4. Cut away the excess plastic at the base of the Upper Floor(4) and the stair well. Cut Seats(9) to length and fit to suit the layout shown in the drawing. Locate Conductor(28) and passengers(not supplied) if required on upper deck. Paint assembly.
5. Paint the underside of Roof(5) white to form the upper deck ceiling. When dry locate Catwalks(17) and Trolley Hooks(18) ensuring that they are correctly positioned. Paint exterior and Trolley Poles(19) and when dry locate Trolley Poles(19) into holes in Catwalks(17) and under Trolley Hooks(18)
6. Lightly lubricate Mechanisms(axles, gears and armature shafts) Locate Bogie Sides(8a and 8b) on lugs on Mechanisms(6) as shown on the drawing.
7. Cut wire to length, bend to form bogie bolster clips as shown in drawing and locate on Bogie Bolsters(13).
8. Locate the lugs on the platform floors of Body Sides(1) to the corresponding slots at the opposite ends and at the same time fit the Bogie Bolsters(13) in position. Locate the Bulkheads(3) between the sides and floors. Now fit in place one of the Body Ends(2) and hold until set with the aid of an elastic band.

9. Place Upper Floor(4) on ledges on Body Sides(1). Push floor hard against the Body End(2) and check that second Body End(2) will fit, if not remove more of the end moulding of the Upper Floor(4) and check again. Repeat if necessary until a good fit is achieved. Finally fit the second Body End(2) and hold in place until set by use of the elastic band.

10. Fit Mechanisms(6) Place car on track and test.

11. Turn car upside down. Locate into holes in platform, Life Trays(14) and to Body Sides(1) the Plough Carriers(15) and Side Centre Guards(16)- ensure plough carriers line up with each other and then guards will be correctly positioned. To the holes in the Body Ends(2) fit Collision Fenders(22) Front Life Guards(23) and Side Life Guards(24).

12. Place car upright and fit Roof(5) in place on top of Body Sides(1) and Body Ends(2). Locate Driving Mirrors(26) on cab sides. Note mirrors are cast with trolley hooks.

Check that no unpainted surfaces exist, if so paint as appropriate. Add destination blinds, route numbers, Fleet names(only L.T. are included) or coats of arms and lining as required.

The car is now ready for service and we hope that you have enjoyed constructing this model. For modellers interested in the Leeds system Kit No 10 will partner the Feltham, whilst Kits Nos 8 and 9 will provide the early open-top and balcony cars.

This kit can be soldered together but this is ONLY recommended for those who are VERY experienced in using a soldering iron. The method of assembly would of course be different to that detailed above.

Livery etc.

London Transport. Red overall with cream window frames, roof grey or oxide brown, cab roof red or black.

The booklet entitled "The Felthams" gives details of the interior decor on pages 25 (London) and 35 (Leeds), the M.E.T. livery on page 17 and fleet name on page 18 (L.U.T. livery was as for M.E.T. but the fleet name was London United on gilt transfer), Full London Transport livery and Leeds livery appear on page 36. The numbering series are set out in Appendix A.

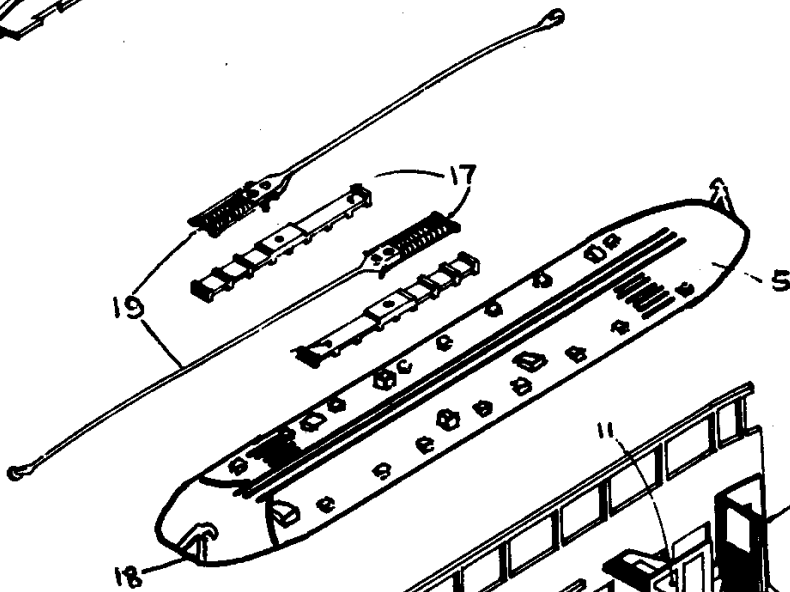
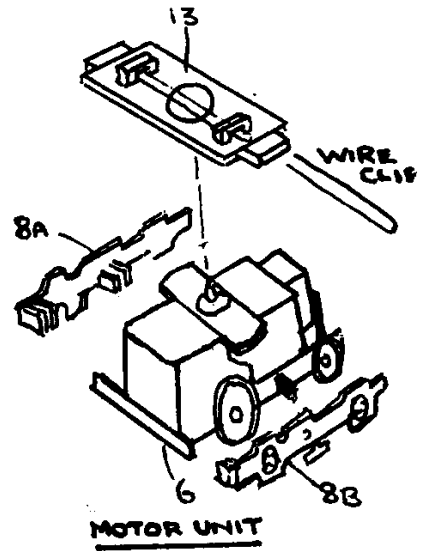
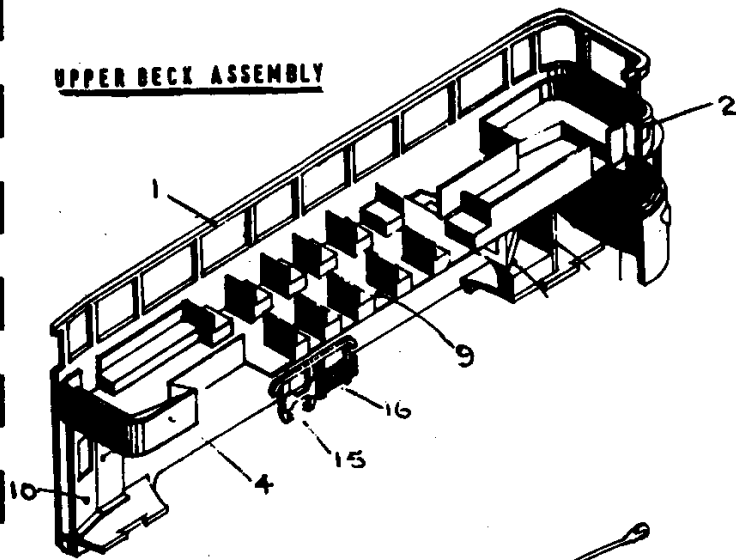
Coloured views of the L.T. and Leeds cars appear in "Trams in Colour" by J Joyce(Blandford Press).

Acknowledgements.

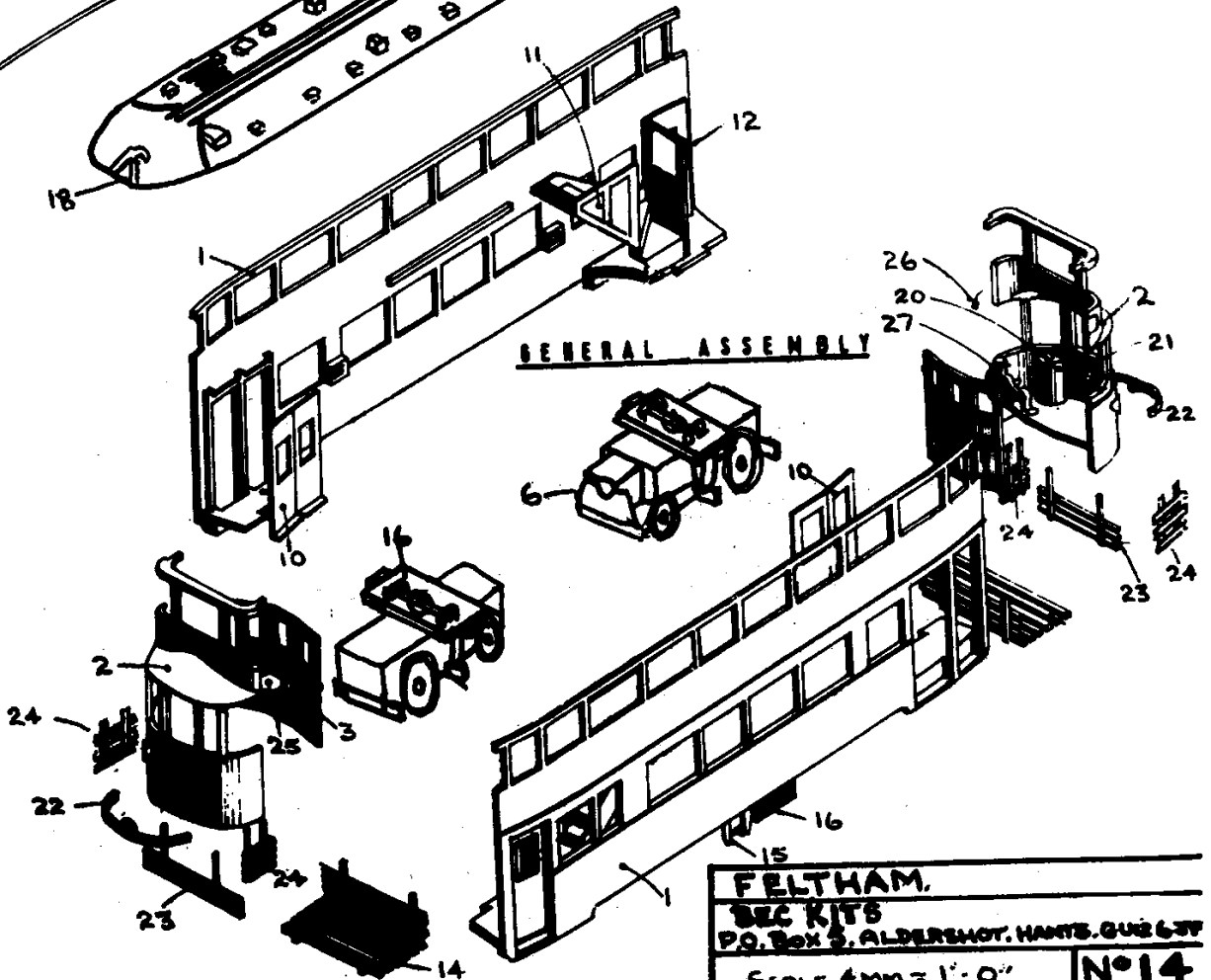
We would like to express our appreciation of the help given by Mr R.Elliott, Mr C.L.Withey, The Tramway & Light Railway Society and the Light Railway Transport League. Also to "Lens of Sutton", Mr W.J.Haynes and Mr R.B.Parr for supplying the photographs upon which this kit is based.

Every effort has been taken in checking and packing this kit, should any part be found faulty, please return part only for free replacement.

UPPER DECK ASSEMBLY



GENERAL ASSEMBLY



FELTHAM.
SEC KITS
 P.O. Box 9, ALDERSHOT, HANTS. GU24 0JY
 SCALE 4mm = 1'-0" **N°14**