

# MERIDIAN MODELS MPM1

## 40, MORELAND AVENUE

### BENFLEET, ESSEX, SS7 4HB

#### ASHOVER LIGHT RAILWAY COACHES NO. 1 – 4

#### HISTORY

The Ashover Light Railway, Derbyshire, ran from 1925 to 1950. From its opening until 1936 passengers and general goods were carried. The company had 4 bogie coaches purpose built by the Gloucester Railway Carriage & Wagon Co. mounted on ex-WD wagon bogies. Other passenger rolling stock was adapted from ex-WD D Class wagons which also carried the mineral traffic.

#### BIBLIOGRAPHY

Ashover Light Railway, Gratton R. and Band S, Wild Swan Publications Ltd.  
ISBN 0 906867 72 X

#### BEFORE YOU BEGIN...

Take time to thoroughly read both the instructions, the exploded diagram and to familiarize yourself with the parts of the kit. Carefully remove parts as required with a sharp knife or razor saw, cleaning off 'flash' or runner pips. This kit is best assembled using fluid cements such as Slater's MEKPAK or similar. Use epoxy resin glue to fix the white metal detail parts.

#### BODY & UNDERFRAME

1;- Take one side, glue to these three partitions making sure that the lower edges do not come below the lower edge of the locating ribs. 2;- Fit and glue seat / backrests to side and partitions. 3;- Glue end to side assembly, ensuring the squareness of the joint when setting. 4;- Counter-sink floor halves as shown on the drawing, locate one floor half to side/end assembly and fix into place when satisfied of a square fit. 5;- Locate remaining floor half and trial fit second end, trim centre joint as required to ensure fit. 6;- Repeat instruction 2. 7;- Locate second side to side/ends assembly. Ensure squareness of body from side and end elevations. Set aside to dry. 8;- Carefully fit 10BA bolts through holes

provided in the floor, the thread of the brass bolts will, with care, self-tap into the plastic. Take care not over tighten!

#### DETAIL PARTS

Steps are supplied as per the prototype of this kit. Check first that any lineside obstructions such as platforms or point levers on your layout will not foul the steps when fitted.

9;- Fix steps to brackets, the lower step is the widest. Fix step assemblies to body (one at each corner!) and leave aside to set hard. 10;- Cut glazing strips to size. At this stage paint the edges of the window frames to your chosen external livery and paint interior to taste. Fix glazing into place carefully, with a minimum of fixative.

#### ROOF

Mould the roof from the 0.15 thou styrene sheet provided. A recommended way is the hydro-thermal method (hot water). Select a drinks can of 2 1/2" diameter (empty contents first !!) Strap the plastic sheet to the can with masking tape, tightly sealing all the edges. Carefully, and I mean carefully, pour boiling water into the can filling completely. After 2 minutes, empty can and refill with cold water and allow to cool. Cut away the moulded material, trim to size using the dimension on drawing and trial fit to body. Lightly sand the edges of the body sides and ends to ensure a good fit. Three cast white-metal 'torpedo' roof vents are provided, using the dimensions on the drawing drill holes undersize for the shank of the castings, gently open these out using a round needle file to achieve a tight fit. Fix into place with epoxy resin from the underside. Fix roof to body using fluid cement.

#### BOGIES

Fix brake shoes in place, detail side outermost. Fix brake column onto the end of the bogie with the longer side (see drawing). Fix brake wheel onto plastic rod and fix this to the under side of the brake column and end of the bogie, trim rod to length when dry. The bogies are designed to use BEMO 009/Hoe couplings, to fit these cut them to length as shown in the drawing. (2.5mm measured back from the hook pivot) It will be found easier to remove the coupler loop first. Fix the coupling extension onto the underside of the bogie When dry fix the BEMO couplings in place.

Fit bogies onto the bolts and retain with the nuts supplied, a small drop of Loctite or epoxy will hold the nut in place, finally gently spring the wheel sets into the bogie frames.

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