

DECENT MODELS (97)

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Etched/Cast Kits
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GUNPOWDER VAN

To build this kit you will require a 40 Watt soldering iron, Carrs 188 solder, green table flux, Perma bond C2 Superglue, Evo-stik, a can of Holts auto spray matt black cellulose paint, tin snips or good quality scissors, Romford/Jackson shouldered bearings, 3' split spoked wheels and 5 amp fuse wire, 15 thou black Plasticard.

1. Remove body side from fret. Fold in top edge of sides to 80° . Fold end at right angles of body. Fold bottom of end at right angles. Solder door hinges in position (hasp on right) as shown by $\frac{1}{2}$ etched dashes. Fold reinforcing plates at right angles and solder to indicated position at top corner. Solder rain guard J between $\frac{1}{2}$ etched dashes above door on reinforcing rib. Repeat for other side.

Solder both halves of body together not forgetting corner reinforcing plates, you should now have a complete body.

2. Remove underframe from fret, fold sides to 90° , $\frac{1}{2}$ etched line to inside. Fold inner $\frac{1}{2}$ etched line on buffer beam to 90° fold outer $\frac{1}{2}$ etched line a further 90° fold up buffer beam, (check for squareness) solder corners.

Press rivet heads from back of solebar overlay, tin back. Tin side of underframe, using aluminium hair clips to hold overlay in place ensuring top edge is flush with top of floor, sweat overlay to side, fix coupling pockets in position.

Fold brake shoe G to 90° and solder to position shown of floor. Fold brake lever guide as indicated by template on fret, solder to raised portion of solebar between riveted stap and crownplate, solder chain/pin in position desired. Fold brake lever to shape as shown by template on fret, feed brake lever through guide and solder to fulcrum.

Clean thoroughly in warm soapy water and dry thoroughly.

Superglue buffers into position, use short coupling hooks for 3 link couplings as others may snag compensation.

3. Fold up W irons solder corners, fit axle bearing in place and solder (Romford/Jackson shouldered fit best as they have flat faces,) fold axle box retaining plate 90° .

Clean thoroughly in warm soapy water and dry thoroughly.

Modify axle box as shown in fig. (1) and fit over bearing, superglue spring to axle box.

4. Make roof from 15 thou black plasticard rolled round a piece of broom handle (32 mm x 68 mm.)

5. Fold down body fixing tags and W iron fixing tags, trial fit assemblies and adjust as required for free fit, disassemble. Spray underframe, W irons and body with the black cellulose paint. Paint body bauxite and number as per selected prototype. Spring split spoke 3" wagon wheels in position, apply Evo-stik impact adhesive to underside of roof and side stiffening member, attach roof to body, pass body fixing tabs through slots in floor and fold over, pass W iron fixing tabs through W irons and twist very slightly with a pair of tweezers to stop them falling off, over doing this will stop the compensation operating freely.

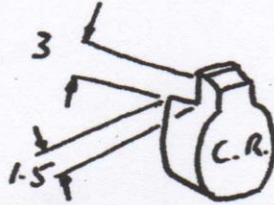


FIG I

John Boyd