

**TWO-ROAD LOCOMOTIVE SHED - ASSEMBLY INSTRUCTIONS**

**Contents.** The kit comprises board SHEET 1 & 2, board SHEET 3, 4 & 5, the illustrated SUPERQUICK header card, ACCESSORIES card A, the two long ACCESSORIES cards B & C, an acrylic glazing sheet and this ASSEMBLY INSTRUCTIONS sheet.

**Tools.** A sharp modelling knife and a steel rule are essential. Bulldog clips, a few rubber bands, some flat weights and 'Sellotape' might be useful to secure parts of the kit while glue is drying.

**Glues.** Most liquid glues are suitable. A quick drying PVA glue is recommended, becoming matte and almost transparent when dry, although in cold conditions the glue tends to dry white. A solvent glue like 'Evostick' or

'UHU' is also recommended as it is quick to dry but can present problems when touching up model with water-based paint. For gluing areas of paper, such as lining pieces, it is recommended that PVA be thinned or that a spray or a spreadable solvent glue is used.

**Card-mounted components.** Separate the parts only when called for by nicking with the knife at uncut points.

**Scoring.** Red arrows signal a fold back. Blue arrows signal a fold forward.

Where the cutter lines are marked with arrows, they are scored only (i.e. only partly cut through). Here the component is intended only to be bent or folded. Sometimes additional scoring with the

knife may be necessary, so that the board bends at the fold line without too much resistance. If the fold line is cut through, a repair can be made by gluing a thin paper strip to the back.

**Waste.** Waste card is indicated by the symbol 

**Windows.** The Glazing Sheet has 9 window pieces divided by dotted lines. There are two methods of glazing, which can be combined for a really durable result:

(1) Lay down the window piece face up. Apply glue to the back of the wall around the window aperture and the lower the wall onto the window piece. This method is easier for small windows

and permits adjustment - correct the alignment before the glue sets and wipe excess glue from the window surface with a damp paintbrush or tissue.

(2) Apply narrow strips of 'Sellotape' along two sides of the unprinted back of the window piece. Lay the window piece down as before and lower the wall onto the partly exposed 'Sellotape'. When the window is attached to the wall, rub down the tape and apply further strips to the remaining two sides of the window piece.

**Finishing.** The appearance of the completed model will be greatly improved if all exposed edges are touched up with paint. It is important that there is no glue on exposed edges.

**1** Start by separating the five card SHEETS. From SHEET 5 remove as one piece SIDE WALL A1 including the TOP and BOTTOM TABS noting their red arrow scored lines. Remove the waste from the window apertures.

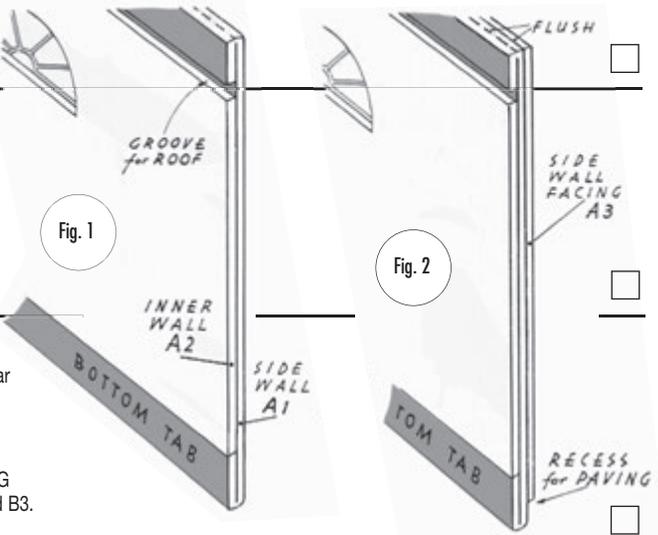
Take the transparent window glazing and cut out all the Windows along the dotted lines. Selecting one of the round top windows, with the buff printed side uppermost, apply adhesive as instructed in the introduction.

Place the window sticky side up on the table and lower the WALL on to it. When it has been positioned accurately, press down hard, turn the board over and cut away any excess tape showing between

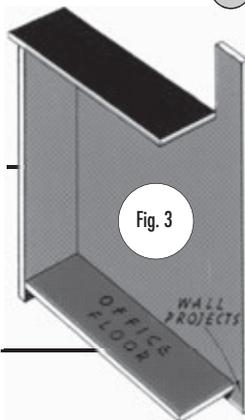
the printed glazing bars. Repeat with the other three windows. This is all the fixing needed for these windows as the glazing will be held more firmly by the inner walls as per the next instruction.

**2** Bend both TABS right back and glue down, removing any excess glue which may have been forced out. From SHEET 3 take INNER WALL A2, spread glue over its back surface but not right up to the edges of the window apertures and glue it to the back of WALL A1, exactly flush at the ends and positioned against the BOTTOM TAB (Fig. 1).

A single groove which must be cleared of excess glue will be formed between the TOP TAB and the top edge of A2 for the ROOF fixing later.



**3** From SHEET 4 take SIDE WALL FACING A3, clear the two apertures and glue it to SIDE WALL A1 exactly flush at the ends and along the top edge. Being slightly narrower than A1, a recess will be formed along the bottom edge into which PAVING will be fixed later (Fig. 2). Repeat with B1, B2 and B3.



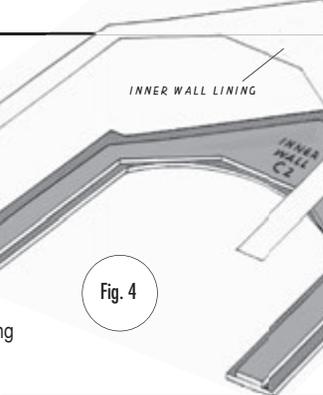
**4** From SHEET 1 take two INNER OFFICES walls complete with roof pieces (note the red arrow bending cuts). Separate the OFFICES by cutting along middle score. Also from SHEET 1 take two OFFICE FLOOR pieces.

On each office bend the side and roof to a right angle, gluing up around an OFFICE FLOOR set just above ground level (Fig. 3).

Note that the longer side wall projects beyond the floor.

Bend over and glue down their roofs then set aside.

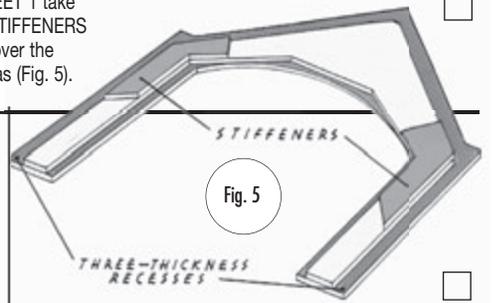
**5** From SHEET 1 remove FRONT WALL C1 and INNER WALL C2, separate it from the waste part. Cut the INNER WALL LINING from ACCESSORIES CARD A and line the inside of the entrance wall for added detail (Fig. 4) trim lining to edges of card piece.



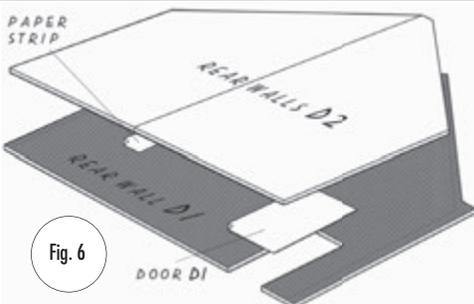
With C1 placed printed side down on the table, glue C2 back to back, squarely, centrally and flush along the bottom edges of the pillars

A recess down the outer sides is required to accommodate the three-thickness WALLS A & B. The inside recesses will accommodate the thinner door walls of the OFFICES. The top recesses also need to be uniform with the top edges, some trimming of the INNER wall C2 with a sharp knife may be required to achieve this.

From SHEET 1 take the two STIFFENERS and glue over the white areas (Fig. 5).



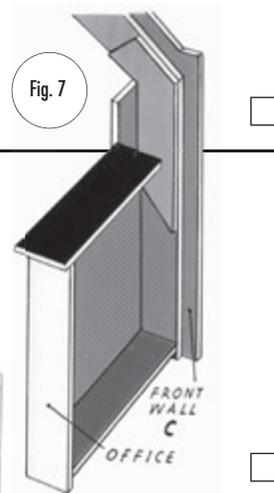
**6** From SHEET 1 take REAR WALL D1 and glue behind the door aperture DOOR D1 cut from the ACCESSORIES CARD A. Take the two parts forming D2, join them on the underside with a strip of thin paper and glue D1 and D2 back to back as with C1 and C2 before, forming three-thickness recesses down the sides. (Fig. 6)



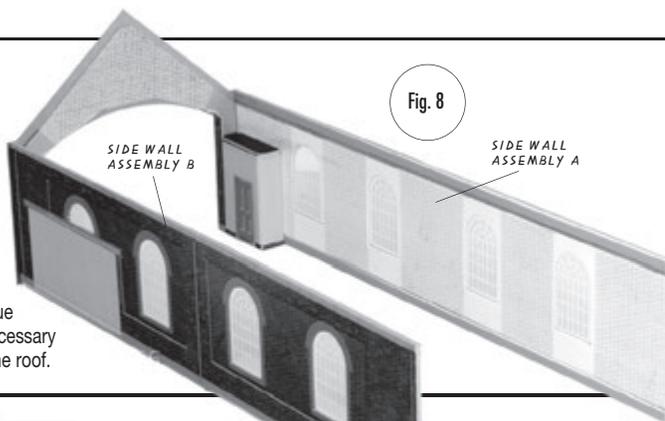
As with the arch end wall, the top recesses need to be uniform with the top edges, some trimming of the LINING D2 pieces with a sharp knife may be required to achieve this.

- 7 Take FRONT WALL C assembly and glue the two OFFICES in place, flush at the bottom edges (Fig. 7).

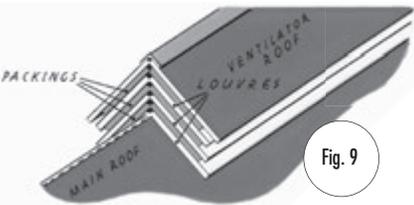
When set add WALLS A and B (Fig. 8) and allow time for drying before adding REAR WALL D.



- 8 From SHEET 2 take the ROOF, bend to shape and, without glue, place in position in the side wall grooves. Turn the model on to one end and brush a generous amount of glue along the joint between the roof and the wall. When dry glue the other end and the two sides.



Take ROOF STRENGTHENER, glue back its TAB trimming to fit if necessary and fix the about halfway along the roof.



NOTE. Trim packing piece edges to create spaces for the louvres

- 9 From SHEETS 3 & 4 remove the six VENTILATOR LOUVRES and PACKINGS noting that they are scored for bending down the middle. Starting with a LOUVRE glued into position on one of the roof white areas followed by a PACKING, build up a VENTILATOR (Fig. 9) finishing with two VENTILATOR ENDS and finally its ROOF.

**RIDGE TILES.**

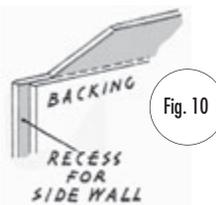
- 10 To prepare these, cut through each short end line marked with a red arrow. Turn the card over and join the cuts with a pencil line. Hold the card against the light to check that

the drawn lines are running accurately down the middle of the tiles before scoring the line with a blunt knife. Turn the card over again, bend the tiles double, crease them well and cut away the waste.

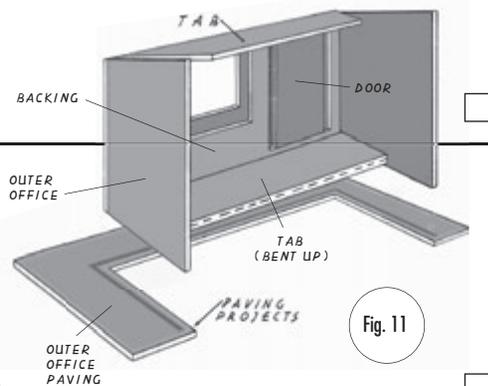
**COPINGS.**

- 11 Remove the four WALL COPINGS from SHEET 4. Fix those for the end walls before adding those for the side walls.

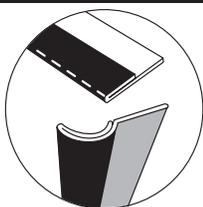
In each case glue them overlapping the outer face of the wall by no more than an amount equal to the thickness of the board.



- 12 All from the remnants of SHEET 4 take the OUTER OFFICE PAVING, remove TAB, bend up and glue it for double thickness. Take the OUTER OFFICE, glaze with the remaining window piece, and glue back to back with OUTER OFFICE BACKING, forming equal recesses down the two sides (Fig.10). Fix the DOOR and glue SIDE WALLS in place around TAB (Fig. 11)



Glue PAVING into the bottom groove of the main FRONT WALL. Glue OFFICE walls assembly into place on to side wall over PAVING.



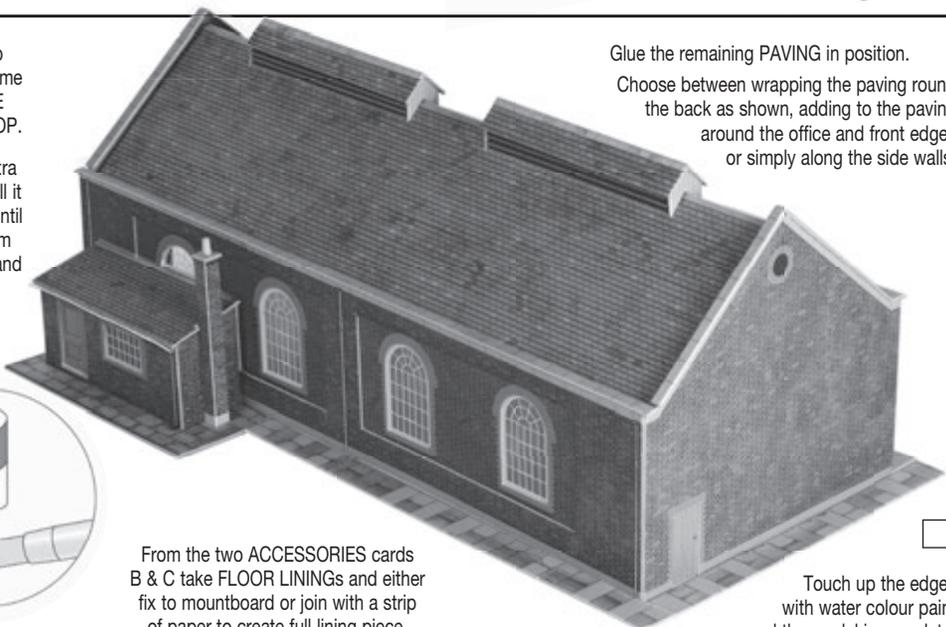
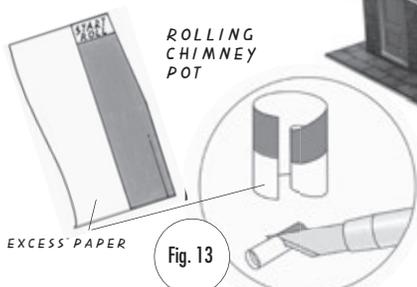
- 13 From SHEET 1 take the OFFICE ROOF and prepare the GUTTER by making light bending cuts along the red arrow marked lines. Bend right back along these cuts before opening flat again and cutting out. Bend over and glue down for double thickness the two solid black sections leaving the TAB to be bent at right angles and glued to the underside and edge of the ROOF (Fig. 12).



- 14 Glue down the ROOF and make up the CHIMNEY STACK using the same scoring technique as for the RIDGE TILES earlier. Add the CHIMNEY TOP.

Cut out the CHMNEY POT with extra length as shown, dampen it and roll it tightly between finger and thumb until a solid rod is produced (Fig. 13) trim off excess. Glue up the end edge and fix in place on CHIMNEY TOP.

Glue the remaining PAVING in position. Choose between wrapping the paving round the back as shown, adding to the paving around the office and front edges or simply along the side walls.



From the two ACCESSORIES cards B & C take FLOOR LININGS and either fix to mountboard or join with a strip of paper to create full lining piece.

Touch up the edges with water colour paint and the model is complete.