

Decent Models

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CALEDONIAN RAILWAY GOODS BRAKE VAN DECENT MODELS KIT NO. 5

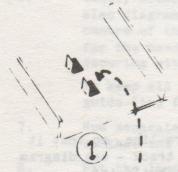
Design based on C.R. drawing No. 4938, dated & July 1886. (OPC drawing No. 11942

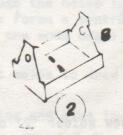
INSTRUCTIONS

Before you begin, read the instructions all the way through.

CHASSIS

Turn the fret over and gently impress the rivet detail with a not-too-sharp tool, on the rear of the solebar overlays (F). Note, some practice rivets are marked on the fret, so you can determine the best pressure - see piece marked 'N'.

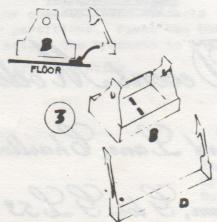




- 2. Remove floor unit 'A' file tags off flush, bend as in diagram (1). Bend down wheel-unit supports, 2 at one end, 4 at the other. Strengthen with solder.
- Remove 'B' & 'C', fold as in diagram (2). Take care not to distort brake-gear 'D' & 'E' when removing 'B' & 'C'. Note when you detach these parts carefully store handrail adjacent to it, on the fret, also the wee bunch of lamp-irons. Before folding 'B' & 'C' file all attachment tags off flush. Now fit the wheels.

4. BRAKE-GEAR (Simplified)

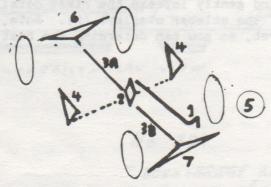
This is lovely to look at, but delicate, so TAKE YOUR TIME!. Proceed as follows:-



- (i) Remove 'D' carefully, take care when bending the brake-gear supports. Fit as in diagram (3), then
- (ii) Fit 'E' similarly.
- (iii) When 'D' & 'E' are fitted, and brake-shoes are lined up with the wheels, take a deep breath; or stiff drink, and proceed with the remainder of the brake-gear.



- (iv) Fit brake-shoe connecting linkage '6' & '7' as in diagram (4). Note that the tails of '6' & '7' go under the axle i.e. between the axle and the track. Now gently adjust the position of the brake-shoes to place them near but not touching the wheels.
 - (v) Bend the centre brake hangers '4' down inside the chassis side-rail on each side of the vehicle. Push a straight length of wire through one hanger thread onto it piece 2 and thread wire through opposite hanger. Now solder wire to pieces 4 and cut off the surplus.



- (vi) Now solder '2' onto the cross-wire, on the vehicle centre-line, so that it is at an angle, with the short end pointing towards the track - see diagram (5) - it takes longer to write all this, than it does to build it!
- (vii) Now carefully detach pieces '3A/3B', solder to tails of '6' & '7' as in diagram. Now solder other ends of '3A/3B' to 2 (unless you wish your wheels to be removable).

Now that the brake-gear is complete, you can proceed with detailing the sole bar and fitting the footboards.

- 5. Remove solebar overlay/footboard pieces 'F' & 'H'. From inside this subfret, detach :-
 - (a) Separate steps
 - (b) Number plates

Now solder chosen number plates on the solebar. Fold the separate steps, and solder these onto the supports which fold out at 90° to the solebar space out from the solebar with thin card, when soldering in place.

Now attach this sub-assembly to the side of the chassis. Detach top layer for each bottom footboard & sweat in place, with the raised ridge to the rear.

 Fit couplings and buffers to cast headstock, and fit to the vehicle -Chassis is now complete.

BODY

- 1. Scribe door-shut lines on the body sides, see scale drawing.
- 2. Identify the interior door/side panels (top and bottom left, on the fret). You will see, suspended in the side door apertures, door hinges and a door-catch, these fit into matching recesses on the insides of the doors. Now turn the fret over and tin the rear of these small pieces, while still attached.

Then detach, one at a time and sweat inside the doors. Do not remove the actual panels from the main fret yet. Try not to block the wee hole in the door catch. In fact its a good idea, when fitting these catches, to push a piece of fuse-wire through the hole in the door-panel, thread the catch onto that. This (a) locates it, (b) gives you the door handle, for later!. Cut off the wire, inside, not quite flush - leaving enough on the other side to go through the inner door-panel and the main side of the vehicle, later, sufficient to form the outside door-handle.

3. Detach body sides and outside ends. Bend the ends slightly, to match the shape of the sides. Fold over the sides, at the top, to match the end profile.

Now lightly tin all the inside corner edges - having trimmed all tags of flush, and solder the main body squarely together.

- 4. Detach the side-interior panels and fit inside the main sides, so that the apertures match don't forget to feed through and bend over the exterior door-handles.
- 5. Trim the inner partitions, fit fuse-wire door handles and solder in place, against the rear upright edges of the previously fitted side-panels (stage 4).
- 6. Gently detach all handrails, one at a time, and fit as per the drawing see also diagram (3). Push a small pin (supplied) through the holes in the centre of the sides and ends (from the inside) this forms a central support for the handrails. Then file pins flush inside (on the ends only), after securing with a spot of solder.

To keep all the side handrails lined up correctly it helps to draw a pencil guide-line first.

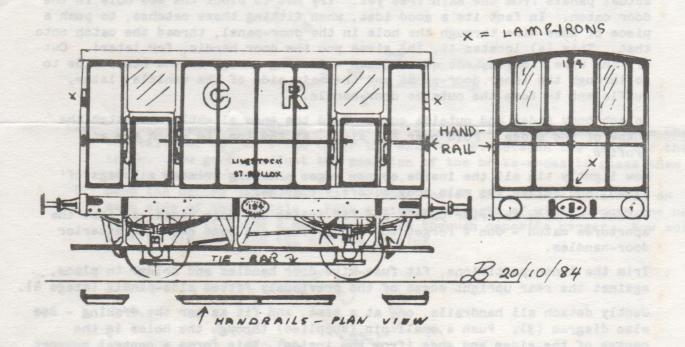
- 7. Now separate inner layer for each end, fit the glazing and glue in place, so that the windows match.
- 8. Fit the lamp-irons one at each end on the sides of the body, and a central one on each end, see scale drawing. Bend the lamp-irons to shape shown in the drawing, and see also diagram (4). Recommended way to fit these annoying little bits:-
 - (i) don't whistle while you work
 - (11) bend to shape
 - (iii) apply spot of solder cream to vehicle
 - (iv) place lamp-iron in position putting thin card between lamp-iron and body in fact it helps to tape the thing on the edge of the card, leaving only the tail exposed

- (v) Now heat the solder cream by placing a hot iron adjacent to (not touching) the lamp-iron & heat until cream runs. Spares are provided, so you can practice on a surplus piece of brass
- To fit the body to the chassis, bend brackets 'R' and fit to the inside face of the interior partitions. Place the body squarely on top of the chassis and glue or solder the brackets to the floor.
- Fit roof by glueing, after painting. 10.

LIVERY DETAILS

Body sides/End Verandah interiors Roof - Exterior Roof - Interior Van Interior Ironwork Grey-Black Lettering White

Red Oxide Regal Red Grey/Black Duck Egg Blue Light Stone catch, these fit into salchies recesses on the insidual des of the



No 194 " LIVESTOCK ST. ROLLOX"

No 383 " BONNYBRIDGE BRANCH" (when rebilt at least)