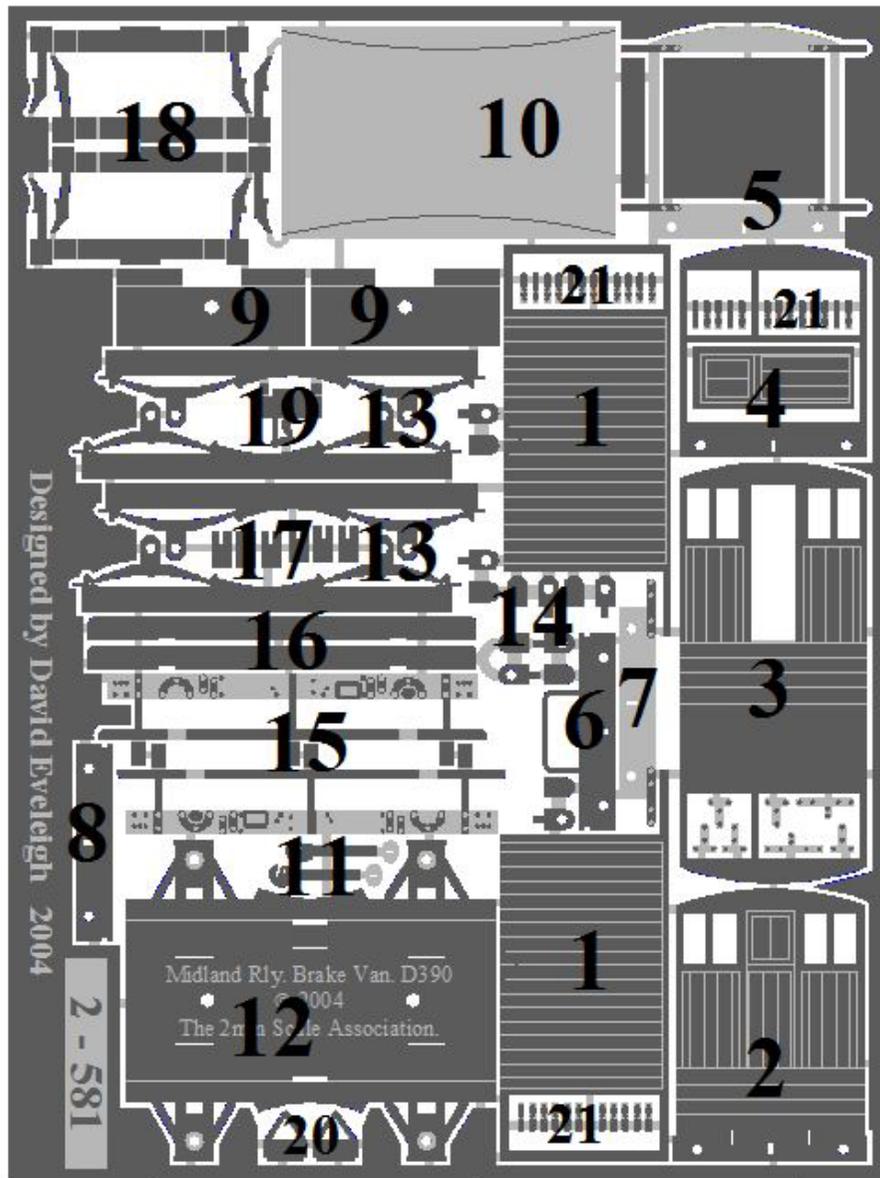


Midland Railway four wheeled brake van

Designed by David Eveleigh ©2004



There are photographs and drawings of these vans in Midland Wagons by Essery

1. Body side. Push semi-circle of bolt heads through from dimples in back - replacement wires may be necessary.
2. Platform end, platform and rear headstock layer (fold up 'Z').
3. Veranda end (fold up 'U'). The vertical frame member in the aperture is unfortunately towards the wrong side - this can be replaced with a piece of strip to thicken behind the bar in the second layer once that is soldered in place. (Easiest done while the etch is flat, otherwise bold a lolly stick behind to support while soldering.)
4. Veranda second layer, door for guard's compartment. Turn this over so the vertical bar is to the left of the aperture from outside the vehicle.
5. Veranda end top layer.
6. Platform end headstock middle layer and handrail.
7. Platform end headstock front layer.
8. Veranda end headstock rear layer.
9. Chassis fixing bracket. (Add small nut.) Solder at floor level inside guard's compartment with flaps folded up against the end walls and providing clearance for the door.
10. Roof.
11. Coupling books - you may choose not to fit these as they foul DG couplings.
12. Chassis.
13. Spring and axlebox overlays (two layers). Locate over top bat bearings.
14. Axlebox overlays. Fold over with tab on outside of fold, prod into position using two cocktail sticks for example; bold in position with one cocktail stick; add flux and touch the side with a tinned soldering iron; file off tab.
15. Top solebar overlay and footstep supports. Solder axlebox tops in place before fitting these and, after folding up footstep support brackets, remove the half etched sections of the footstep rear to clear the axleboxes.
16. Lower footsteps. Solder in position on footstep brackets and to back of footstep strip taking great care with positioning. Then chamfer (file to a taper) the underside of the footstep brackets to make them less obvious.
17. Upper footstep. Locate around lower footstep support - some filing may be needed - and press against underside of solebars. (Two spare)
18. Brakes. Fold around into a 'C' shape and solder into slots, one assembly per wheel.
19. Brake bellcrank - locate in slot under floor.
20. 'Vee' hangers. Locate in slots under floor.
21. Lamp irons - many spares. (For other models?)