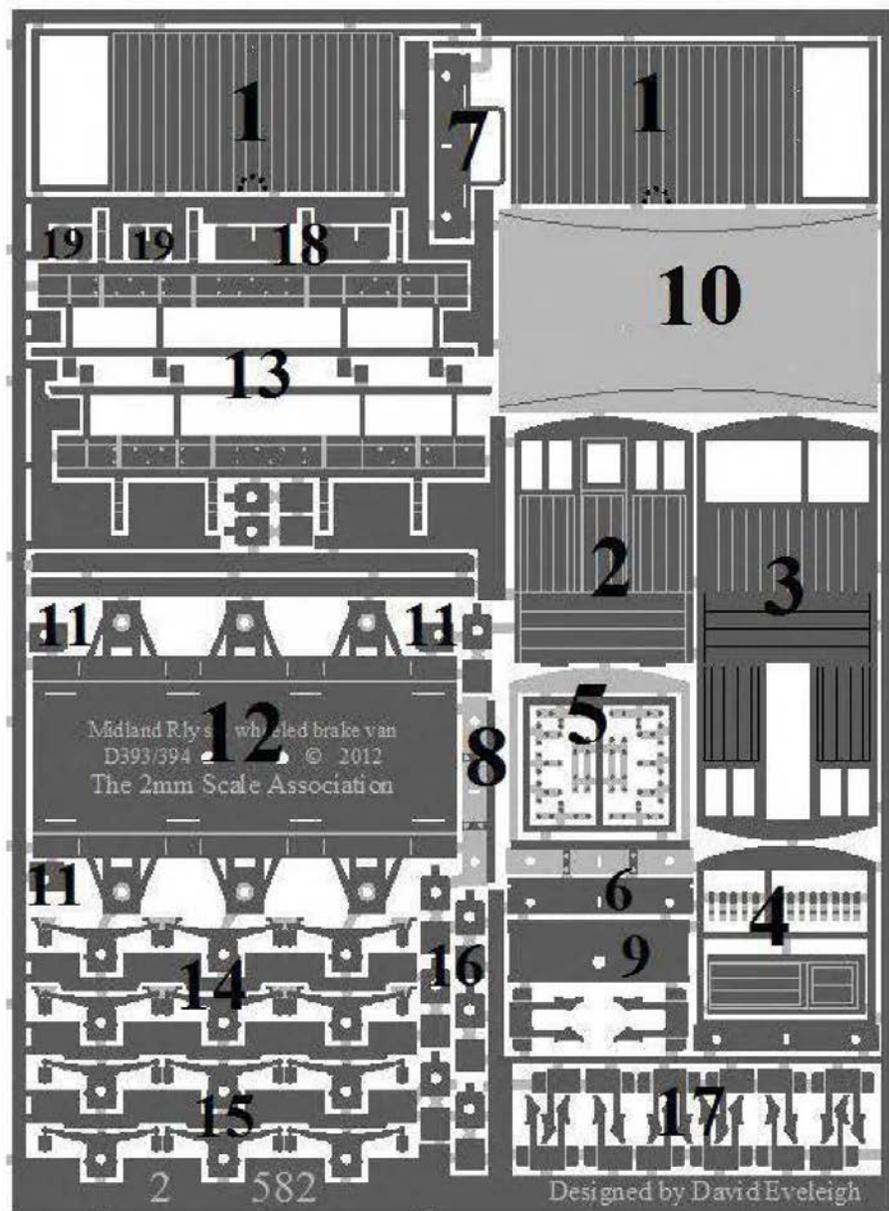


# Midland Railway six wheeled brake van

## Designed by David Eveleigh 2012



There are photographs and drawings of these vans in Midland Wagons by Essery Vol2

1. Body side. Push semi-circle of bolt heads through from dimples in back - replacement wires may be necessary.
2. Platform end and platform (fold up 'L').
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 hold a lolly stick behind to support while soldering.)
4. Veranda second layer, door for guard's compartment and lamp irons. Turn this over so the vertical bar is to the left of the aperture from outside the vehicle.
5. Veranda end top layer and body strappings (tin before detaching from fret).
6. Platform end headstock rear layer.
7. Platform end headstock middle layer and handrail.
8. Platform end headstock front layer.
9. Chassis fixing bracket (add small nut). Different width tabs give correct orientation in slots in sides.
10. Roof. Stoves and chimneys were variously placed - drill hole as required.
11. Headstock thickeners (veranda end only - one spare).
12. Chassis.
13. Channel solebars, gussets, footstep supports and footstep brackets.

Discard the ones from the main etch and use the replacements provided. Use two metal rules or similar to form all four gussets simultaneously; start at the bottom of the gussets. These can eventually be pushed around into a trapezium shape within the channel (Refer to photographs.) Do not fold the footstep supports down until all the layers of the axle boxes are in place. Once the footstep supports are folded down the upstand along the back of the footsteps is soldered to the top of the axle boxes. Take care not to move these.

14. Bottom spring and axle box overlays. Locate over top hat bearings and solder ends of springs to bottom of channel solebars.
15. Top spring and axle box overlays.
16. Axle box overlays. Fold over with the tab on outside of fold, prod into position using two cocktail sticks for example; hold in position with one cocktail stick; add flux and touch the side with a tinned soldering iron; file off tab.
17. Brakes (several spares).
18. Upper footstep (veranda end) locate around lower footstep support.
19. Upper footstep (platform end).