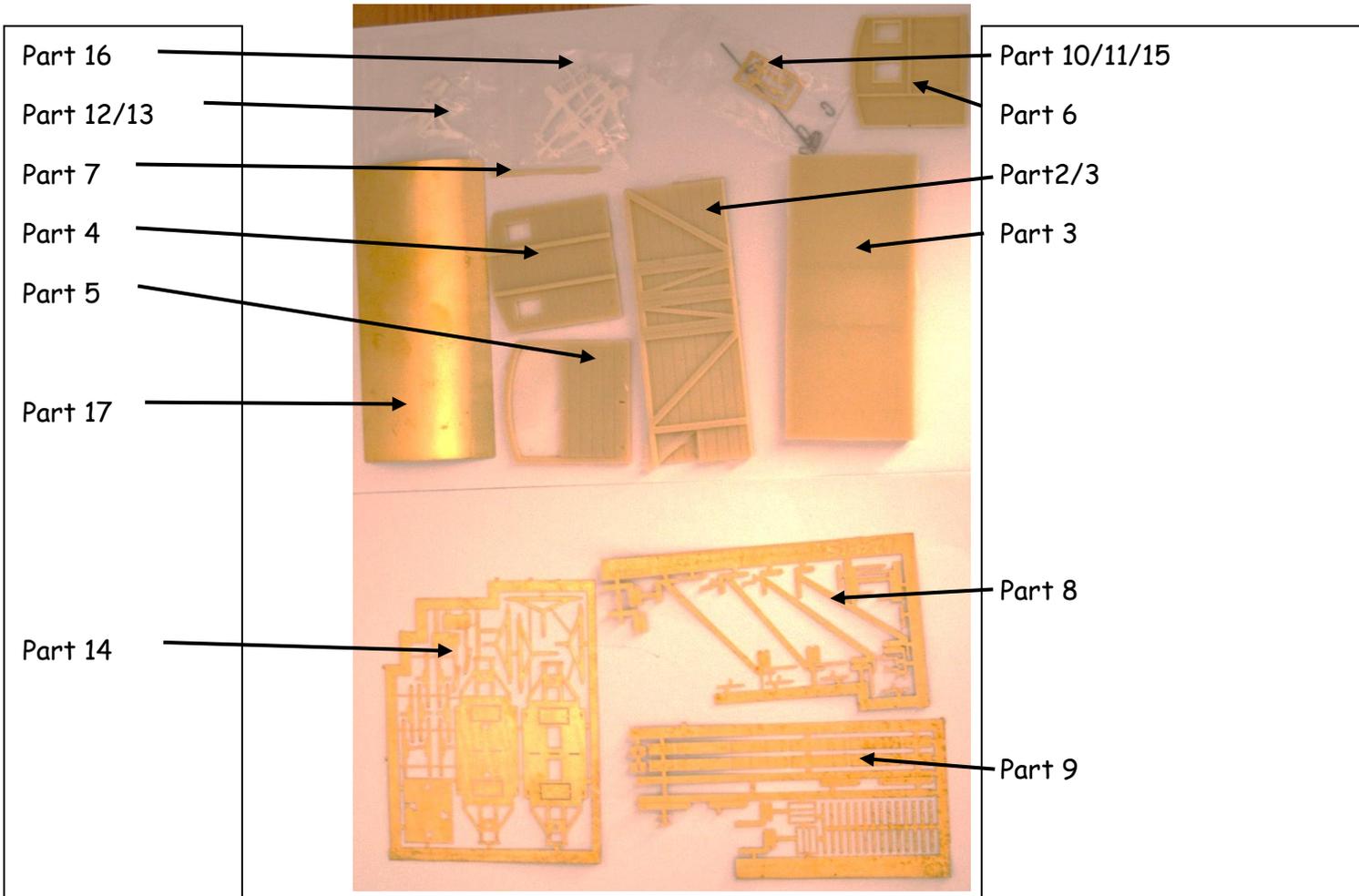


Furness Railways Wagon Company LSWR/M&SWR/SR/GWR/BR 10ton Brake van

Parts



1 Construction

- Wash all resin castings
- Attach the sides (part1 and 2) to the chassis (part 3)
- Fit the ends (parts 4 and 5) to the chassis assembly

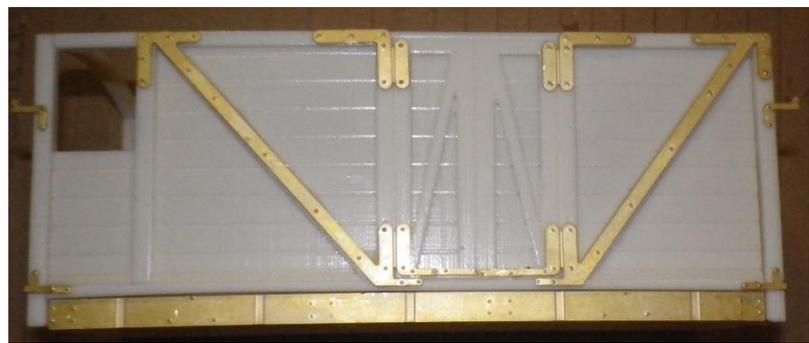


- Next fit the veranda partition (part 6)

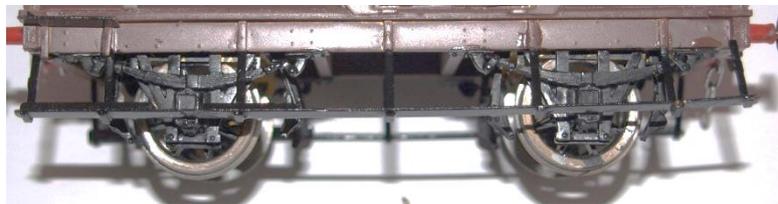


- If you are building the Midland and South West Junction Rly van then you need to add the extra end support (part 7) to the non-veranda end
- Once secure drill out the holes for the buffers and couplings.

- Fit the strapping (part 8) to the out side of the van



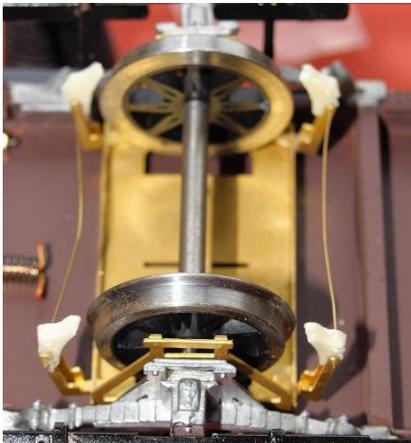
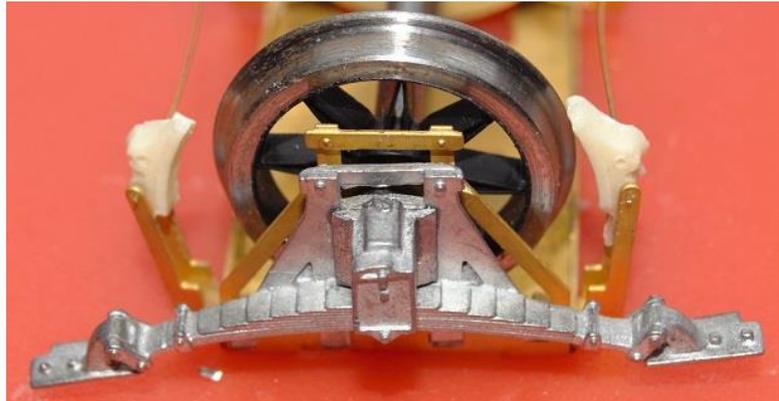
- assemble the running boards and sole bar (part9) as shown and attach to the assembly



- Assemble the coupling hooks (part 10) and the links (part 11) then push the hooks through the hole. Next add the buffers guides (part 12) in to the holes the van ends. Next add the buffers heads (part 13) and spring wire (part

14). Attach the guides to the holes the van ends. Then push the head through the holes, thread the wire into the holes on the buffer heads and the coupling hooks

- Now fold up the etched w-irons (part 14) and fit the resin brake blocks (part 15) now fit you wheels Note please make sure that the holes are large enough to fit your chosen wheel bearings.



- Once the wheels are secure push the axle box/spring (part 16) over the bearings and secure to the inside sole bar of the sole bar so that the line up with the rivet detail.



- Fit the hand rails and door knobs as required
- fit the roof (part 17)
- Finally Paint in the livery of your choice



2 History

LSWR

Built between 1887 and 1905 initially rated as 10tons this was raised over time to 15tons. These vans were used all over the LSWR system and could be seen from Wenfordbridge in Cornwall to London. This design of Brake van was the most numerous built. Out of the 601 brake vans passed to the Southern in 1923 from the LSWR 444 were to diagram 1541. In 1925 some of these wagons were sent to the Isle of Wight. The last of these vans to be withdrawn from normal service was 1960 with the last one in service of the engineering department was 1966

The Southern Railway didn't change the numbering of LSWR stock so numbers did not change. Following nationalisation the numbers of surviving vans received a prefix of the letter S. or DS for those vans in departmental service.

Running numbers

10 ton 54501-54734, 54737-54924, 55121-22

10ton transferred to IOW 56044-55

15ton 54925-44

15ton transferred to IOW 56056-57

Livery

From 1887 to 1923 painted LSWR wagon brown with ends painted red

From 1923-1947 SR brown with red ends.

From 1947-68 BR wagon light grey for the majority of the vans with the few fitted brakes painted bauxite.

M&SWR

History

12 of these vans were built between 1900 and 1901 by outside contractors for the Midland and South Western Junction Railway. The only known difference between the M&SWR vans and those built by the LSWR wagons is an extra wooden support fitted to centre of the non-veranda end of the van. In Southern Railways Wagons Vol.1 it is proposed that the LSWR had lent the M&SWR the drawings. The last in service was No.56788, MSWJR No.23, withdrawn in April 1936, although it survived as Departmental van at Laira until British Railways days, being withdrawn in 1951.

Running Numbers

M&SWJR Nos.12 - 23

GWR 56788 (ex 23)

Livery

From 1900 to 1923 the vans would have been painted light grey with the company initials in 6 inch high letters shaded black. After these vans were absorbed by the GWR in 1923 they were repainted in standard GWR dark grey. The van that survived in departmental

Furness Railway Wagon Company

LSWR/MSWJR/SR/GWR/BR 10ton-15ton Brake Van

Check list

- 1x Strapping etch
- 1x Underframe etch
- 1x Rolled brass roof
- 2x Side casting (LH and RH)
- 2x End Casting (LH and RH)
- 1x M&SWJR end support
- 1x chassis casting
- 8x brake blocks
- 1x partition casting
- 4x Plastic axle boxes and springs
- 1x Buffer pack
 - (1) 4x buffer heads
 - (2) 4x buffer guides
 - (3) 2x spring wire
 - (4) 1x coupling hook etch
 - (5) 6x links
- brass wire