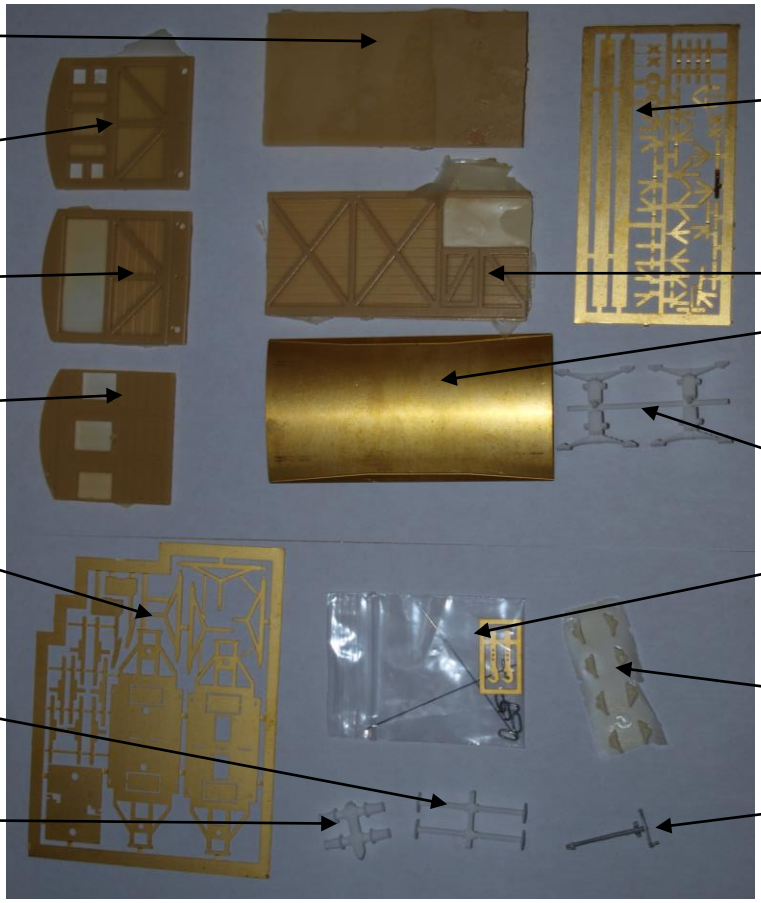
Furness Railway Wagon Co.

S&DJR/LMS/BR

10ton 4-Wheel Brake van

Wheels, paint and transfers required to complete.

The Parts.

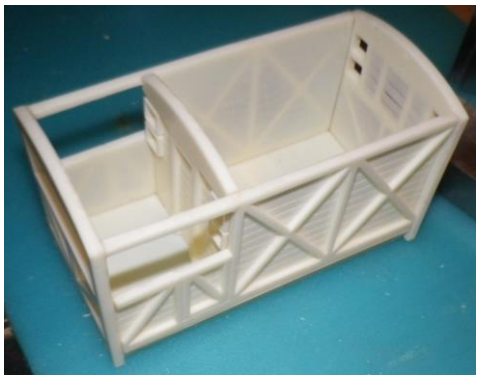


Part 17/18 not shown

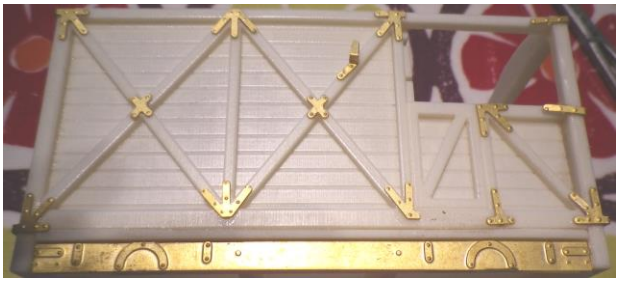
Van Construction

1. First solder wire in to the half etched slots in the roof (part 1).
2. Wash and Clean up the castings making sure that the casting fit together before gluing.
3. Fit the two ends (parts 2) to the chassis (part 3), making sure that the ends line up with the chassis and are square.

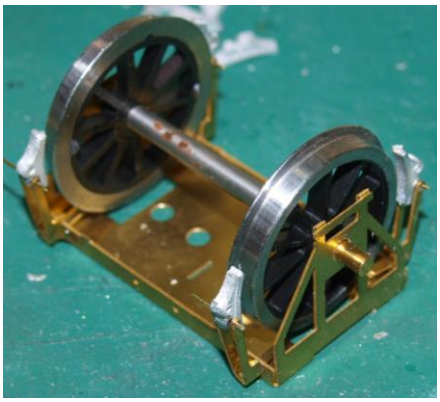
4. Then fit the sides (part 4) make sure that the ends line up and are square.
5. Now fit the partition (part 5) so that it sits inside the sides and flush with the veranda openings.



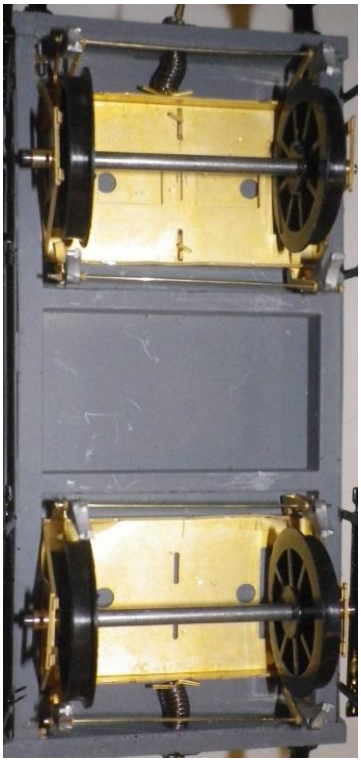
6. Once the van body and chassis are firmly attached drill out the holes for the handrails. Handrails are made up from the excess wire from the roof beading.
7. Next fit the etched strapping (part 6), as shown. Care is required not to get to much glue on the strapping as this could cover the strapping.



8. Place the brake wheel casting (part 7) against the outside of the veranda end.



9. Next fold up the brass w-irons (Part 8) and rocking plate (Part 9).
10. Assemble a wheel set into W-iron's , 2 x bearing's and 1 x wheel/axle unit, do not glue the bearings into the W-irons at this stage. Now fold up the brake block holders (part 10) and fit the brake blocks (part 11) and slot into the holes in the w irons so that they don't fowl the wheels



11. Slot the tags on the rocking plate through the slots on the w-iron that has the circles in its base and the twist round to secure.
12. Again glue the assembled wheel set onto the chassis using the crown plates on the sole bars to locate.
13. Repeat for the other wheel set.
14. Next, assemble the links (part 12) on to the coupling hook (part 13) and push through the slot. Now push the spring (part 14) over the

back of the back of the coupling hook and bend the tags over to secure the spring in place. Then fix the four buffers (part 15) into the holes in the buffer beam using two part epoxy.

15. Attach the cosmetic axel boxes and springs (part 16)

16. Next attach the running board supports (part17)

17. Now fold up and fit the running boards (part18) so that the half etched lines in the back of the running boards line up with the supports.

18. You are now ready to paint the model in the livery of your choice.

History of the Wagon

In 1879 and 1888 the Somerset and Dorset Railway built a number 10ton 4 wheel brake van for use on goods and coal trains crossing the Mendips. When the S&DJR goods stock was split between the MR and LSWR, brake vans were not included and would have still been in S&DJR livery in 1930 when they were allocated to the LMS.

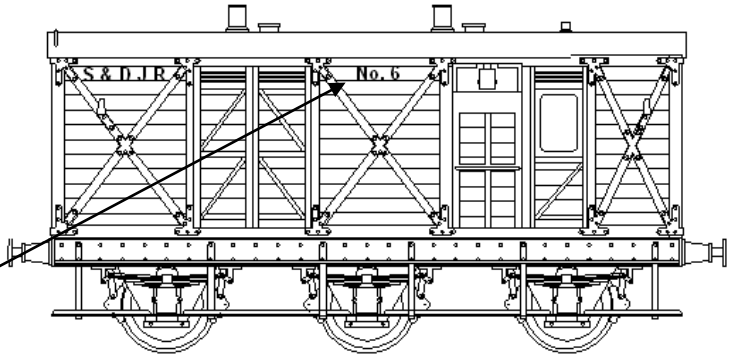
The S&DJR would have turned these vans out in light grey livery with the ironwork picked out in black. These wagons would have run in the S&DJR livery until 1930 when these wagons would have absorbed into the LMS and followed LMS livery practices.

Known S&DJR running numbers 1-2, 4, 10-12, 14, 20-25, 33, 37, 39, 23A and 24A

Known LMS running numbers 782A

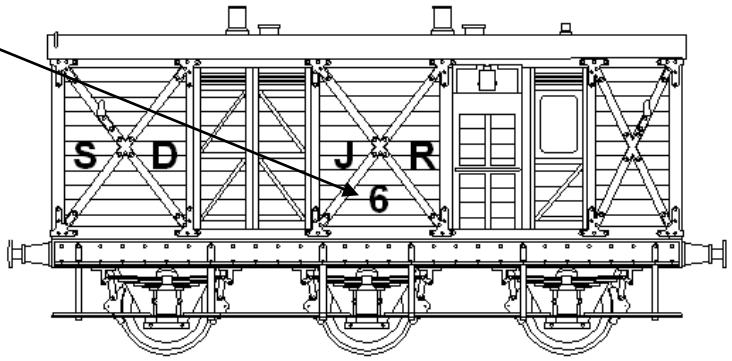
Liveries

S&DJR Livery
Circ 1898-1923

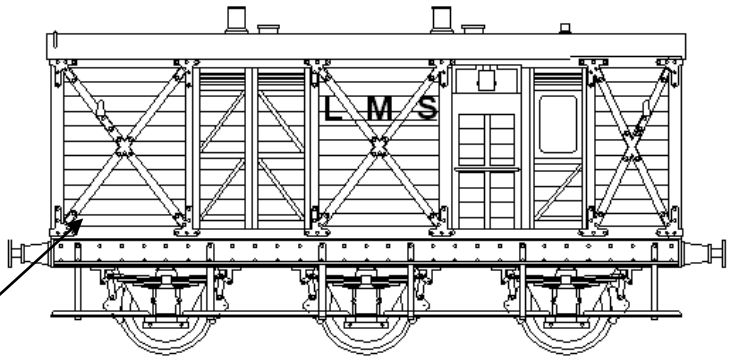


Numbers

S&DJR Livery
Circ 1923-1930

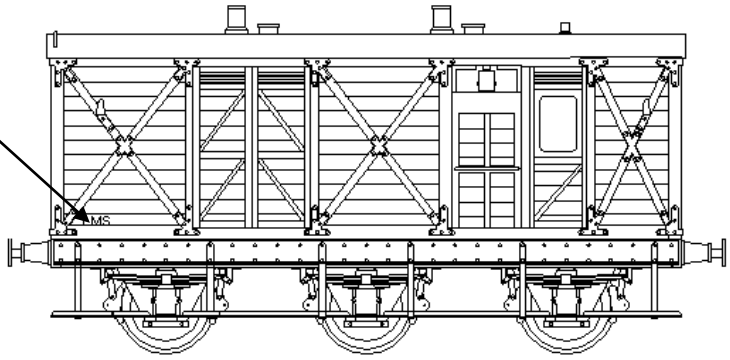


LMS early Livery
Circ 1930-36



Numbers

LMS Late Livery
Circ 1936-47



Furness Railway Wagon Co.

S&DJR/LMS/BR
10ton 4-Wheel Brake Van

1. Construction Manual,
2. Two van side castings (resin),
3. Two van end castings (resin),
4. One van chassis casting (resin)
5. One veranda casting (resin)
6. One brass etch,
7. One w iron etch,
8. One brass roof,
9. 8 brake block castings (resin),
10. 4 Axle box castings,
11. Four buffer assemblies,
12. Two coupling hook springs,
13. Six coupling hook links,
14. One set of etched coupling hooks.
15. two pieces of wire

We recommend Haywood Railway's 3'1" split spoke wheels.
S&DJR transfers are available on the HMRS LMS pre-grouping sheet. LMS transfers are available on the HMRS LMS wagon sheet as well as Slater's plastikard.