

# Furness Railway Wagon Co.

S&DJR/LSWR/Midland Railway/LMS/SR/BR

1898/1904 8ton 2 Plank Wagon

Wheels, paint and transfers required to complete.

## The Parts.



This kit will build two wagon types a 2 Plank with fixed sides and a 2 plank with centre doors.

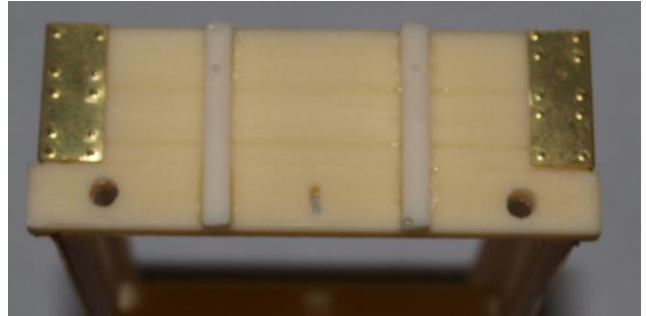
## Wagon Construction.

1. Clean up the wagon body (part 1) by removing any excess material.
2. Drill out the holes, both ends, for the buffers and coupling hooks as shown.



3. Fit the coupling reinforcing plate (Part 2) over the central slot.

4. Attach the end support castings (part 3).

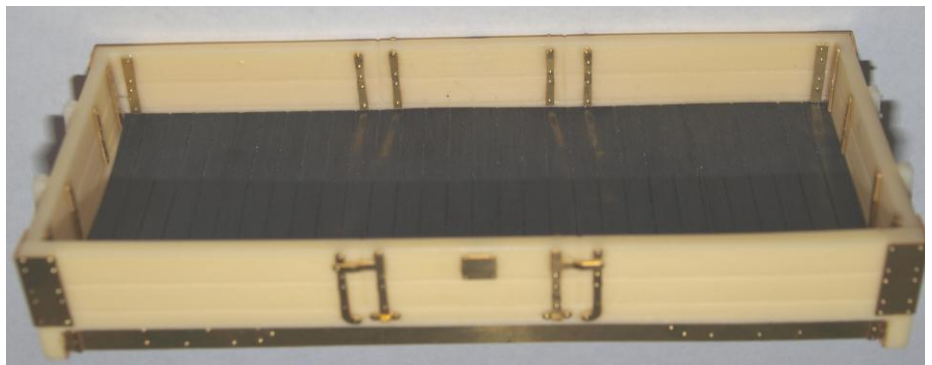


5. Fit the etched strapping (part 4/5), as shown. If you are building the earlier fixed side version the



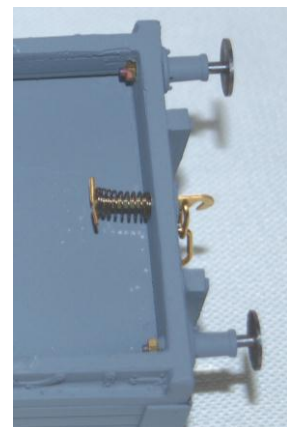
'J's they fit on top of the lines. If you are building the version the strapping fits either side of the lines. Care is required not to get

too much glue on the strapping as this could cover the strapping.



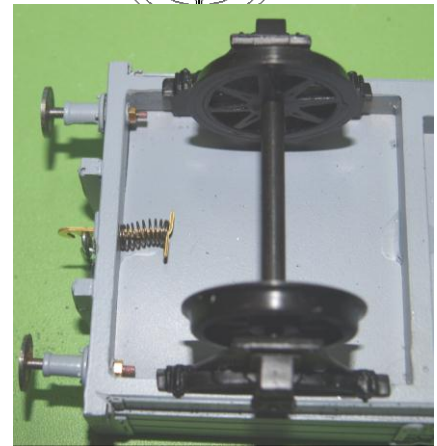
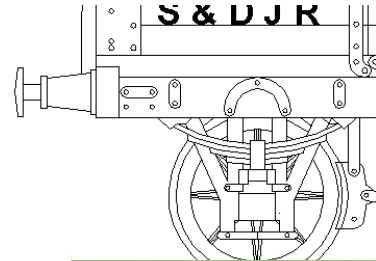
6. Next clean up and fit the floor (part 6).

7. Next, assemble the links (part 7) on to the coupling hook (part 8) and push through the slot. Now push the spring (part 9) over the back of

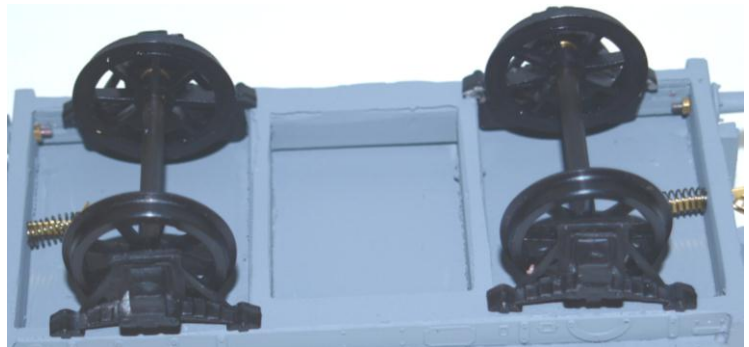


the back of the coupling hook and bend the tags over to secure the spring in place. Repeat for the other hook. Now fix the four buffers (part 10) into the holes in the buffer beam, as shown, using two part epoxy. Repeat for the other end.

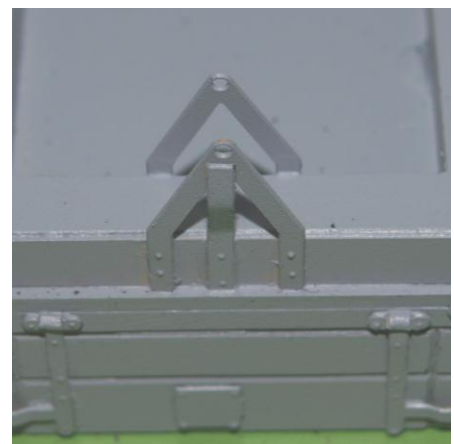
8. Assemble a wheel set consisting of: 2 x W-iron's (part 11), 2 x bearing's and 1 x wheel/axle unit, do not glue the bearings into the W-irons. Again using two-part epoxy resin, glue the assembled wheel set onto the sole-bars so that they are square and line up with the crown plates as shown on the drawing.



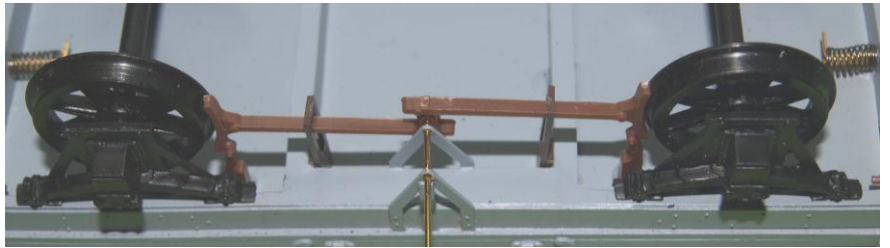
9. Repeat for the other wheel set. Use a straight edge across the back of the wheels to aid getting these parallel and square to the chassis.



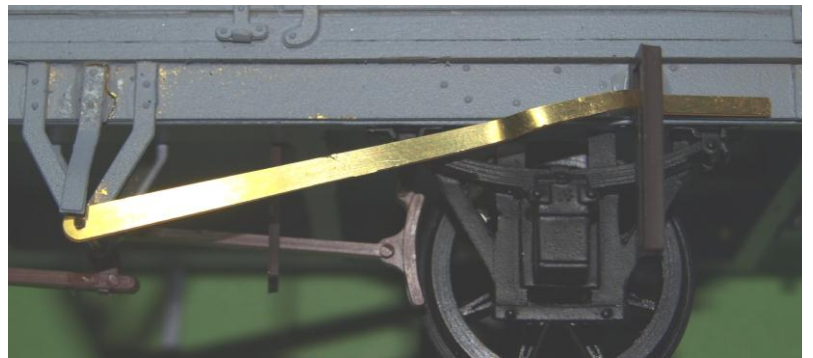
10. Then glue the outside V-hanger (part 12), into position on the sole-bar and the door stops (Part 5) as shown.



11. Glue the brake gear (part 13) onto only the one side of the wagon, as shown.



12. Bend up the brake lever (part 5) and Fix the brake lever and ratchet casting (part 14), to the sole-bar and to the outside V-hanger as shown.



13. Now you are ready to paint your model in the livery of your choice.



## History of the Wagon

### S&DJR/LSWR/Midland Railway/LMS/SR 8ton 2 Plank open Wagon

Between 1898 and 1912 the Somerset & Dorset Joint Railway committee build over 43 2 plank open wagons for use in the movement of general goods. These wagons were original built with fixed sides and rated at 8 tons but after 1904 they were built with a centre drop door in each side and some were up rated to 10 tons.

In 1914 all of the S&DJR's revenue earning wagons were split between evenly the Midland and the LSWR. All departmental stock was retained in S&DJR livery until 1930. Most of the wagons that were allocated to the Midland and LSWR would have been absorbed into the LMS or the SR. A few of these wagons lasted into early British Railways when their numbers would have been prefixed with a letter 'M' or 'S' respectively.

The Sample numbers are

**S&DJR (Fixed Side 8ton):** 149, 247, 461, 574, 646,655, 673, 731, 771, 930 and 967.

**S&DJR (Side door 8ton):** 126, 157, 213, 324, 387, 394, 489, 502, 546, 555, 647, 648, 650, 663, 667, 678, 682, 694, 699, 729, 848, 857 and 924.

**S&DJR (Side door 10ton):** 158, 191, 204, 479, 527 and 739

**LSWR (Fixed Side 8ton):** 15018, 15021

**LSWR (Side door 8/10ton):** 15041, 15049, 15053, 15062.

**SR (Fixed Side 8ton):** 294-309

**SR (Side door 8ton):**310-330

**SR (Side door 10ton):**422-427

**MR/LMS Numbers are not known**

The S&DJR wagons would have been painted in the standard goods S&DJR livery of medium grey with their iron work picked out on black. After 1914 were they would have been repainted in either the standard Midland Livery or that of the LSWR.

The wagons allocated to the LSWR in 1914 would have been eventually repainted in the standard LSWR livery of Chocolate. However, it is possible that they would just have had their old letters painted over and LSWR painted onto the old S&DJR Livery. At the grouping they would have then been repainted in the standard livery of the Southern Railway wagon which was the same colour as the LSWR but with the letters and number positions changing.

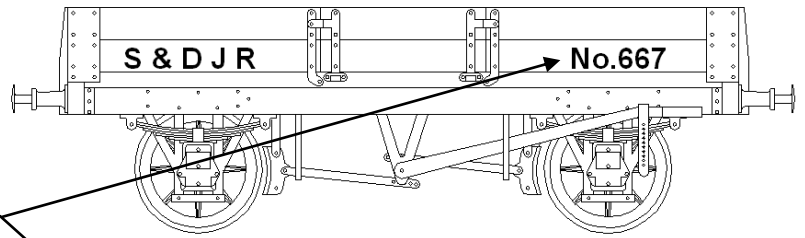
In Midland Railway days the wagons would have been repainted with midland smudge which can not be defined as it was made up on the day. The wagons would however not be grey for very long as they would have become stained black from the coal dust etc.

The LMS would have also been painted grey from 1923 to 1935 and then painted bauxite from 1936 to 1948.

In British Railways days, the wagons would have reverted to a shade of grey.

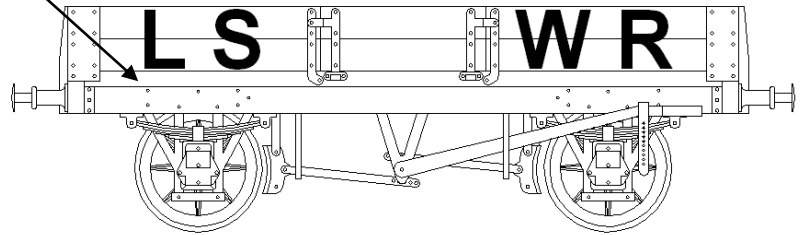
## Liveries

Somerset and  
Dorset Joint  
Railway Livery  
Circ 1898-1914

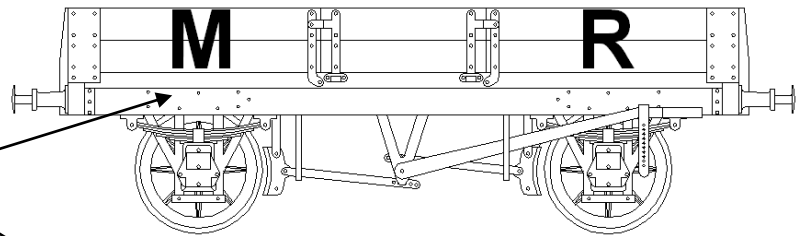


Numbers

LSWR Livery Circ  
1914-23

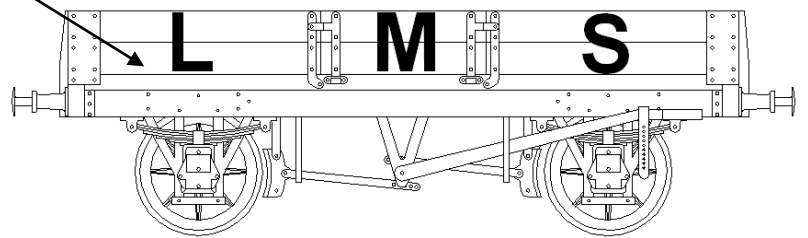


Midland Railway  
Livery Circ 1914-  
23



Numbers

LMS Early Livery  
Circ 1923-36

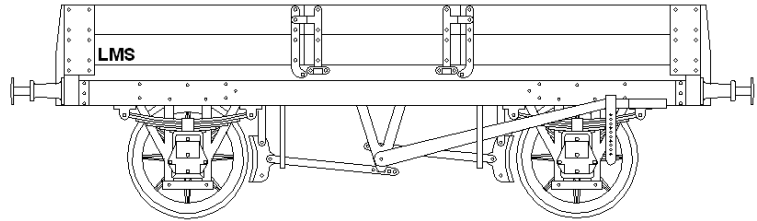


SR Early Livery  
Circ 1923-36

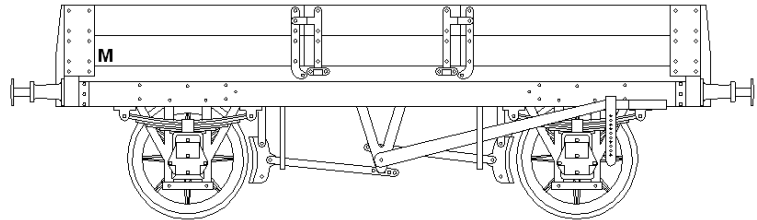
Numbers

SR Late Livery  
Circ 1936-47

LMS Late Livery  
Circ 1936-47



BR Livery Circ  
1947+





# Furness Railway Wagon Co.

## Midland Railway/S&DJR/LSWR/LMS 1898/1904 8ton 2 Plank Wagon

1. Construction Manual,
2. One wagon body casting (resin),
3. Four end support castings (resin)
4. One strapping etch
5. One Sole bar etch
6. One wagon floor (Plasticard),
7. One brake gear castings,
8. Four W-iron/axle box castings,
9. Two etched 'V' Hangers,
10. Four buffer assemblies,
11. Two coupling hook springs,
12. Six coupling hook links,
13. Two brake safety loop castings
14. One brake ratchet casting
15. One set of etched coupling hooks,

We recommend Haywood Railway's 3'1" spoked/open spoked wheels.

Transfers are available from Slater's Plastikard or on the HMRS LMS pre-grouping, Southern Rly sheets or POWsides or Dragon Models