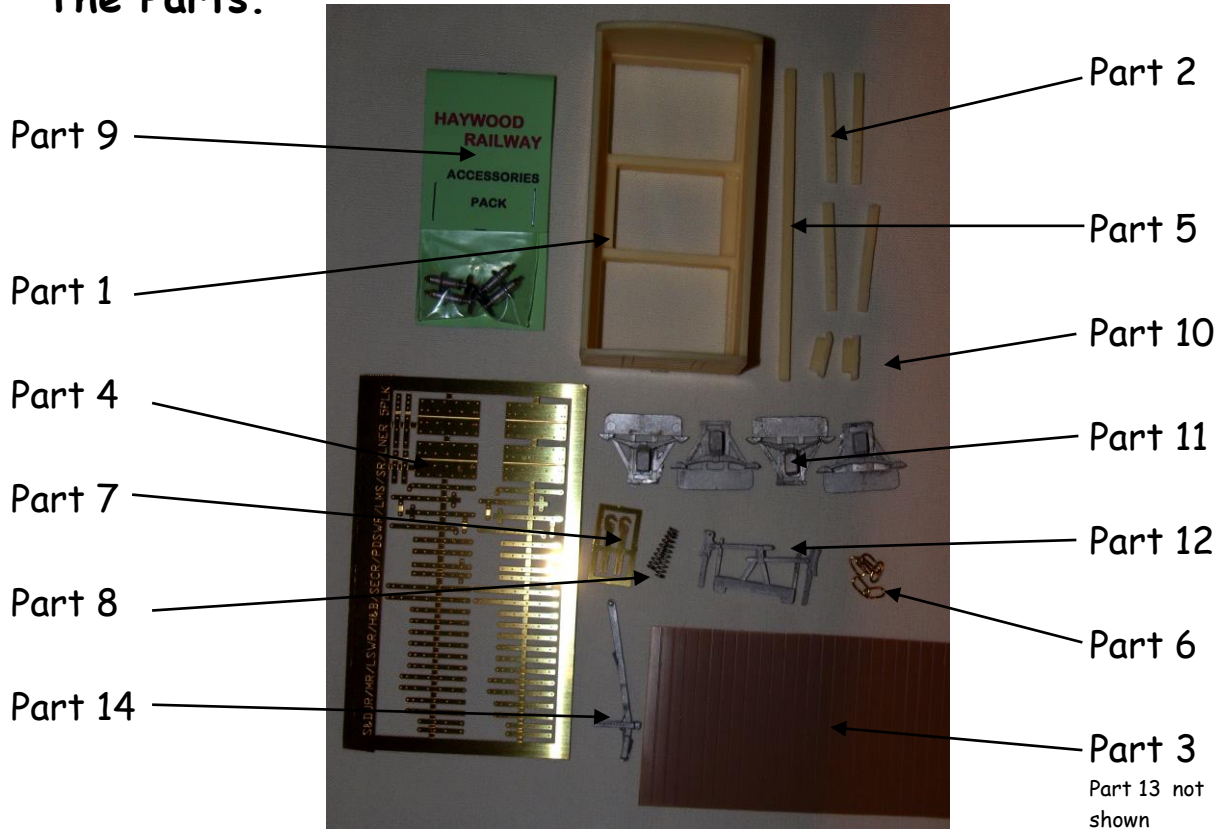


# Furness Railway Wagon Co.

## S&DJR/LMS/BR 1911 8ton Peat Wagon

Wheels, paint and transfers required to complete.

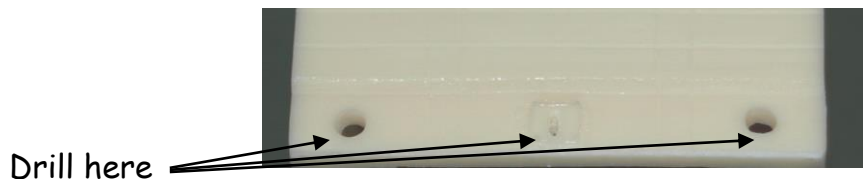
### The Parts.



This kit will build two wagon types a 5 Plank with raised ends and a 5 plank with flat ends.

### Wagon Construction.

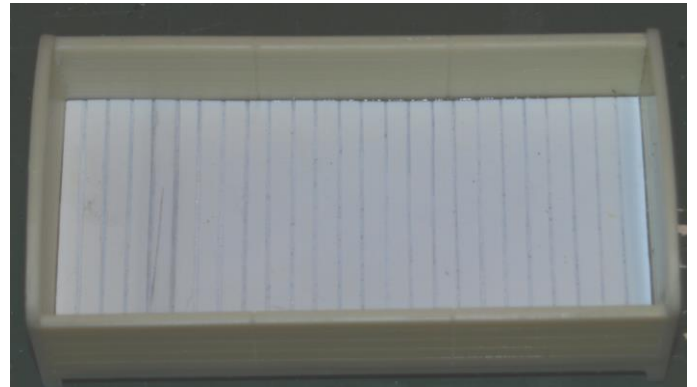
1. Clean up the wagon body (part 1) by removing any excess material.
2. Drill out the holes, both ends, for the buffers and coupling hooks as shown.



3. Attach the end supports (part 2). Then cut the bottoms of the end supports until they are flush with the buffer beam.

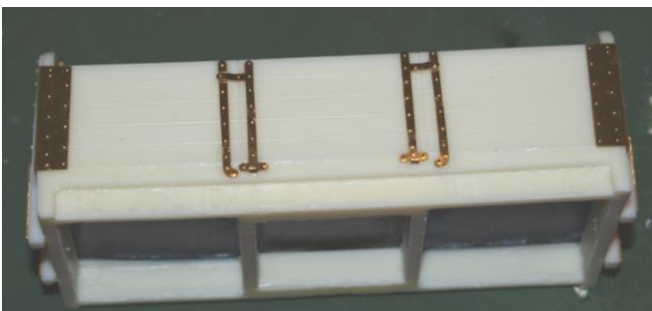
4. Next clean up and fit the floor (part 3).

5. If you are building the peat wagon you will next fit the extensions. If not move onto step 8. For the peat wagon first fit the corner posts (part 4).



6. Now fit the end extensions (part 5).

7. Take jig (part 6) and using it attach the side rails (part 7) to the end posts. Then fit the last of the posts (part 4) so that they are on the outside of the door.



8. Fit the etched strapping (part 8), as shown. Care is required not to get too much glue on the strapping as this could cover the strapping.

9. Next, assemble the links (part 9) on to the coupling hook (part 10) and push through the

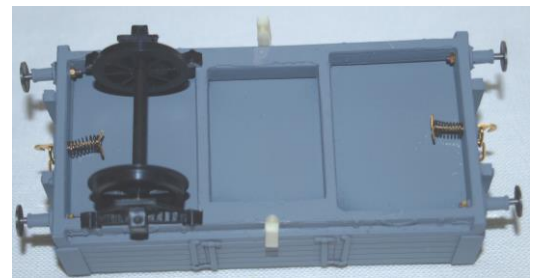
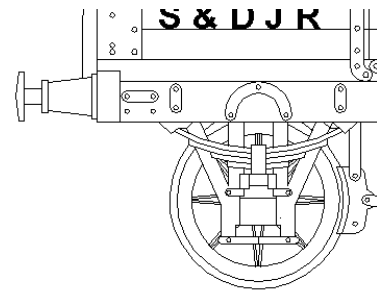


slot. Now push the spring (part 11) over the back of the back of the coupling hook and bend the tags over to secure the spring in place.

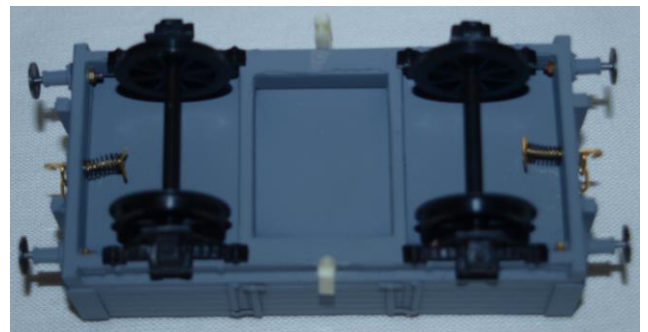
Repeat for the other hook. Now fix the four buffers (part 12) into the holes in the buffer beam, as shown, using two part epoxy.

Repeat for the other end.

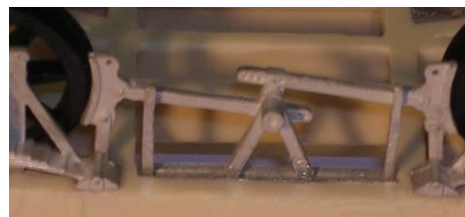
10. Assemble a wheel set consisting of: 2 x W-iron's (part 13), 2 x bearing's and 1 x wheel/axle unit, do not glue the bearings into the W-irons. Again using two-part epoxy resin, glue the assembled wheel set onto the sole-bars so that they are square and line up with the crown plates as shown on the drawing.



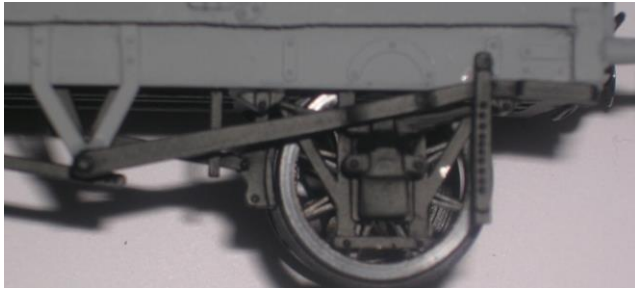
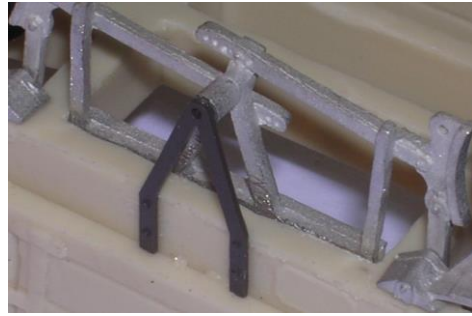
11. Repeat for the other wheel set.  
Use a straight edge across the back of the wheels to aid getting these parallel and square to the chassis.



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



13. Then glue the outside V-hanger (part 14), into position on the sole-bar and to the spigot of the brake gear casting.



14. Fix the brake lever and ratchet casting (part 15), to the sole-bar and to the out side V-hanger as shown.

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

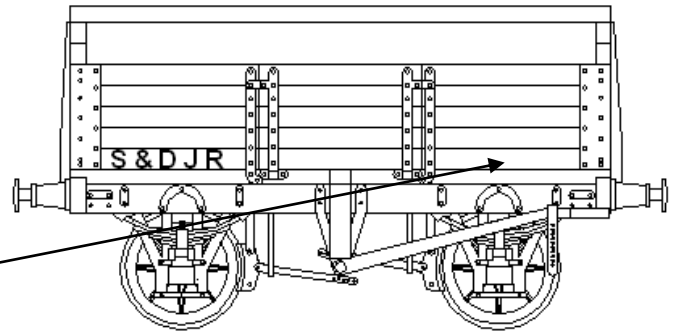
## History of the Wagon

### S&DJR/LSWR/Midland Railway/LMS/SR 8ton Peat Wagon

In 1911 the Somerset & Dorset Joint Railway company converted 14 of its 8ton 5 plank open wagons for use in the movement of peat from the Somerset Levels to markets across the UK. The original 5 plank wagons were built to a modified Midland Railway design slightly thinner and without the bottom doors, fitted as standard to all midland wagons. The recorded numbers for the peat wagons are 41, 132, 140, 167, 216, 384, 457, 532, 544, 561, 568, 866, 974 and 985. In 1914 all of the S&DJR's revenue earning wagons were split between evenly the Midland and the LSWR. However all the peat wagons along with all departmental stock was retained in S&DJR livery until 1930. All of the peat wagons that were then allocated to the LMS, with some of these wagons lasted into early British Railways when their numbers would have been prefixed with a letter 'M'.

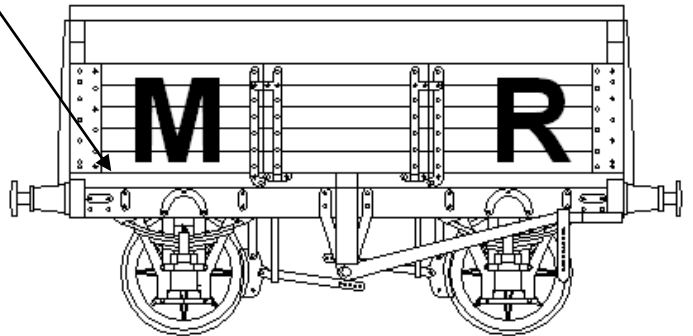
## Liveries

Somerset and  
Dorset Joint  
Railway Livery  
Circ 1900

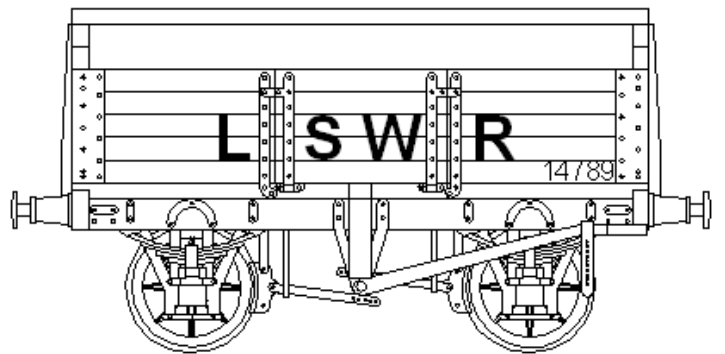


Numbers

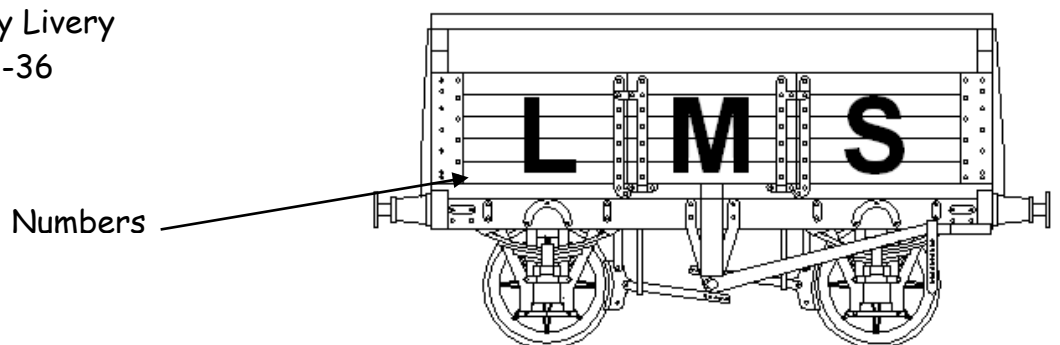
Midland Railway  
Livery Circ 1914-  
23



LSWR Livery Circ  
1914-23

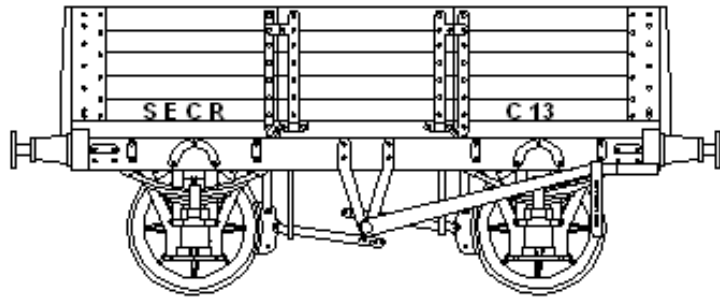


LMS Early Livery  
Circ 1923-36

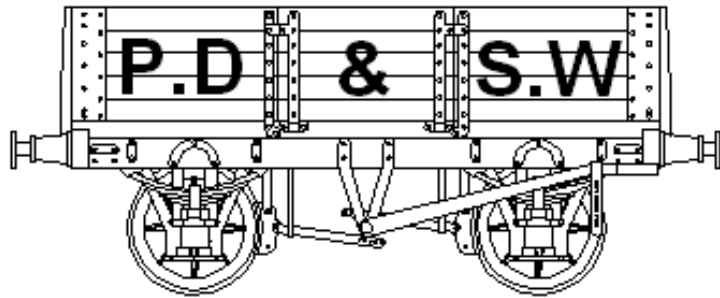


Numbers

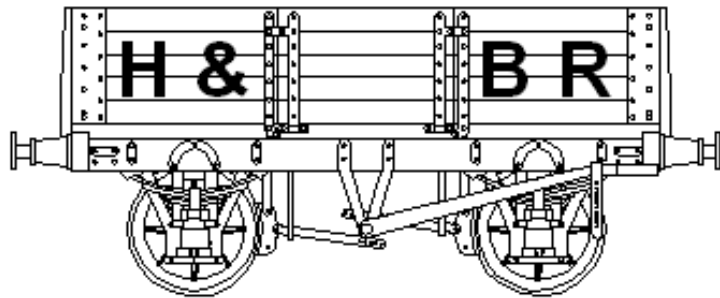
SECR Livery Circ  
1914-21



PDSWJR Livery  
Circ 1908-22



H&BR Livery  
Circ 1913-22



# Furness Railway Wagon Co.

## S&DJR/LMS/BR 1911 8ton Peat Wagon

1. Construction Manual,
2. One wagon body casting (resin),
3. One wagon floor (Plasticard),
4. One brake gear castings,
5. One long brake lever casting,
6. Four W-iron/axle box castings,
7. Eight post castings.
8. Two end extension castings
9. Eight rave castings
10. One rave spacing jig,
11. One etched 'V' Hanger,
12. Four buffer assemblies,
13. Two coupling hook springs,
14. Six coupling hook links,
15. One set of etched coupling hooks,
16. Two door stop castings.

We recommend Haywood Railway's 3'1" spoked wheels. Transfers are available from Slater's Plastikard or on the HMRS LMS pre-grouping, Southern Rly sheets or POWsides.