

# *Furness Railway Wagon Co.*

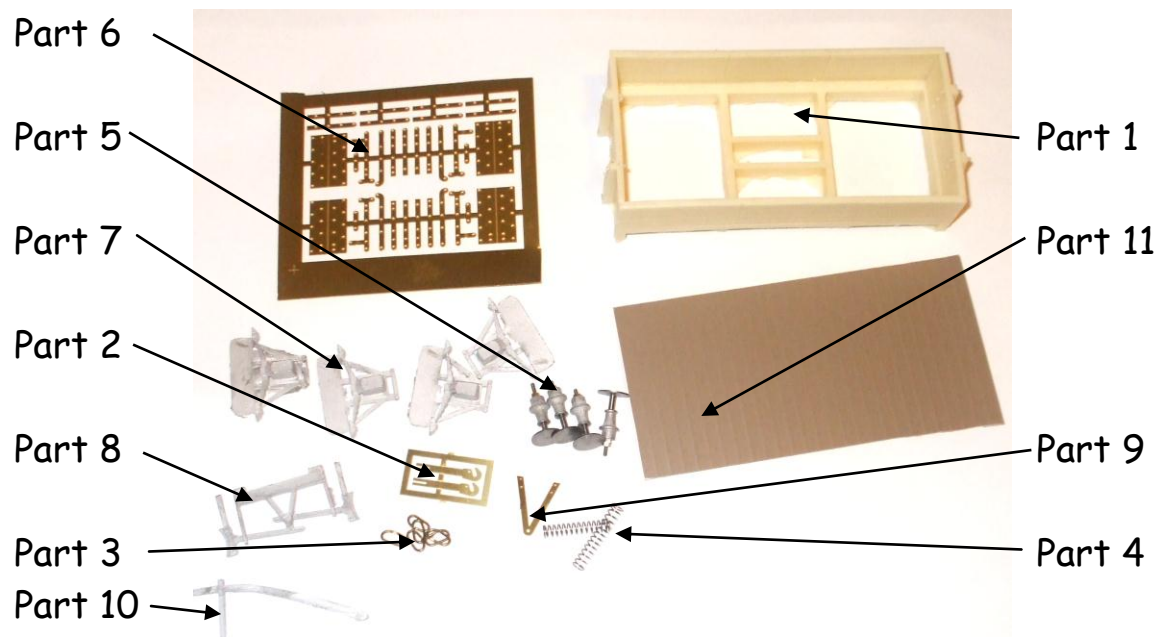
SECR/W^D/SR/BR

10ton 4PLK General Merchandise Wagon

Wheels, paint and transfers required to complete.

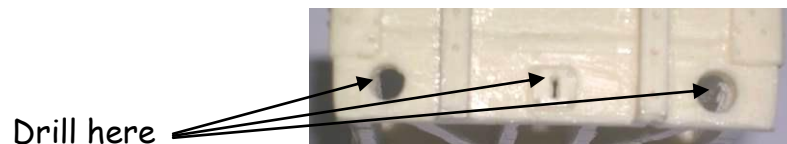
Please note that to aid the folding of the various parts score all the halfetched foldlines that are to be folded.

## The Parts.

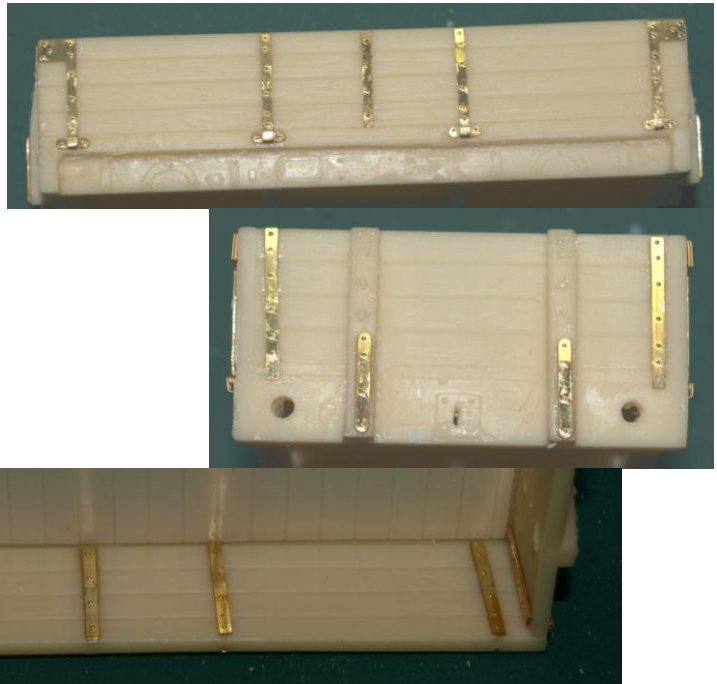


## Wagon Construction.

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.



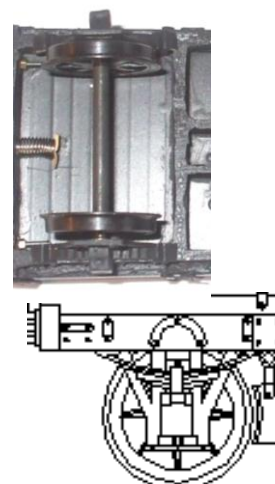
3. Next punch out the rivets on the strapping etch (part 2) and glue to the wagon as shown.

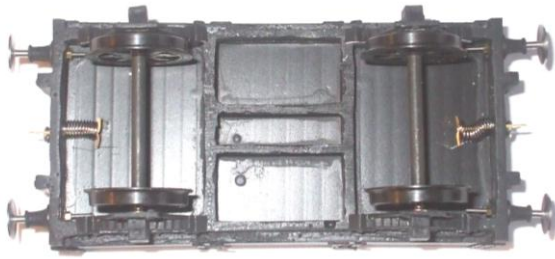


4. Next, assemble the links (part 3) on to the coupling hook (part 4) and push through the slot. Now push the spring (part 5) over the back of the back of the coupling hook and bend the tags over to secure the spring in place. Then fix the four buffers (part 6) into the holes in the buffer beam using two part epoxy. As shown. Repeat for the other end.



5. Assemble a wheel set, 2 x W-iron's (part 7), 2 x bearing's and 1 x wheel/axle unit, do not glue the bearings into the W-irons at this stage. 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 rivets as shown on the drawing.

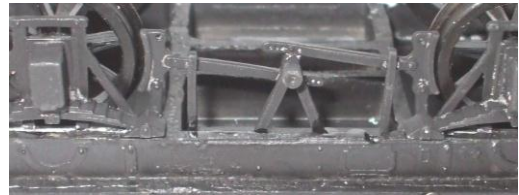




parallel and square to the chassis.

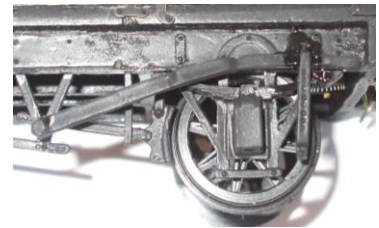
6. Repeat for the other wheel set. Use a straight edge across the back of the wheels to aid getting these

7. Then glue the brake block (part 8) to the inside of the sole-bar as shown making sure that the brake block does not foul the wheels.



8. Fit the outside brake 'V' hanger (Part 9) to the spigot of the brake blocks if required.

9. Next fix the brake lever ratchet casting (part 10) to the sole-bar and to the outside of the brake gear pivot as shown.



10. Finally cut to size and fit the strip of embossed plastikard (part 11) to form the floor. You are now ready to paint the model in the livery of your choice.



## History of the Wagon

This kit represents an SECR 10ton 4PLK drop side General Merchandise Wagon. They were built between 1901 and 1910 and were bought in three batches from a contractor. In 1915 these wagons were commandeered by the War office for overseas service. In 1919 they were returned to the SECR. In the 1920's the SR moved some of these wagon to the Isle of White. Those wagons on the mainland started to be withdrawn in the late 1930's and all had been withdrawn before the end of 1945. However, those on the IOW fared better, with 2 lasting to be preserved.

The wagons were rated at 10 tons and mainly used to move general merchandise around the railway system.

These wagons would have been painted light grey when new with small SE&CR in the left side of the wagon on bottom plank with the number in the opposite corner. This was changed to a darker shade with larger letters across the wagon in 1910. In 1915 the war dept. repainted WD green. These wagons would have reverted to the 1910 livery in 1919. After 1923 the SR would have repainted bauxite brown and those that were nationalised were repainted grey.

Running numbers

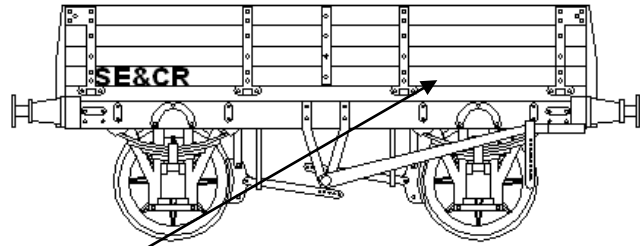
SECR 13021-120

W<sup>^</sup>D 26536-75

SR 62885-904, 14781-841

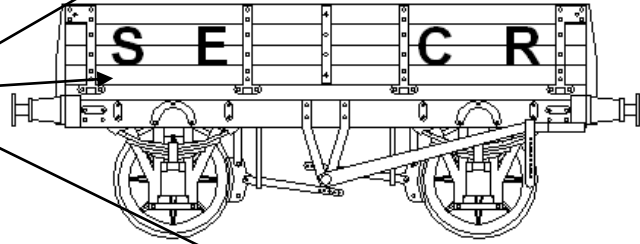
# Liveries

SECR Livery  
Circ 1900

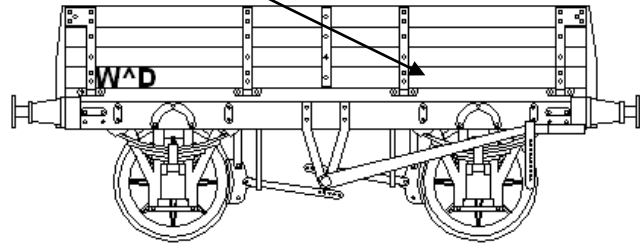


SECR Livery  
Circ 1910-23

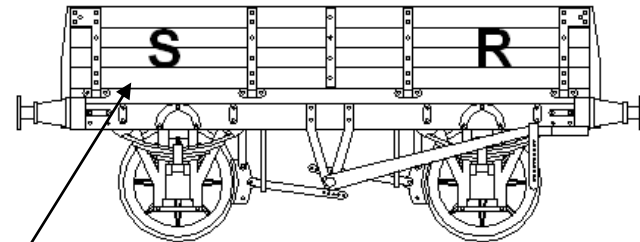
Numbers



W^D Livery  
Circ 1915-19

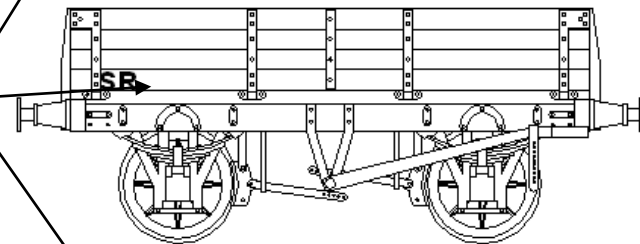


SR early Livery  
Circ 1923-36

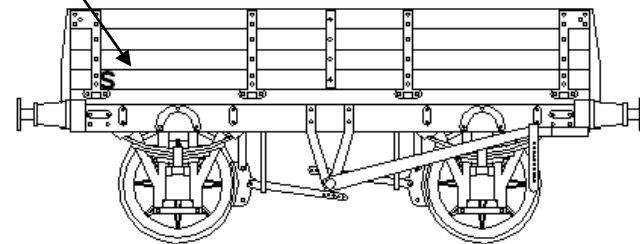


SR Late Livery  
Circ 1936-47

Numbers



BR Livery  
Circ 1947-75



# *Furness Railway Wagon Co.*

## **SECR/SR/BR**

### **10ton 4PLK General Merchandise Wagon**

1. Construction Manual,
2. One wagon body casting (resin),
3. One brass strapping etch,
4. Two brake block castings,
5. Twobrake lever castings,
6. Four W-iron/axle box castings,
7. Four buffer assemblies,
8. Two coupling hook springs,
9. Six coupling hook links,
10. One set of etched coupling hooks.

We recommend Haywood Railway's 3'1" split spoke wheels.

Transfers are available on the HMRS SR/SR pre-grouping sheet.