

Furness Railway Wagon Co.

LSWR/SR/BR

8ton 1PLK

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.

Part 1

Part 11

Part 8

Part 12

Part 4

Part 9

Part 2

Wagon



Part 13

Part 7

Part 10

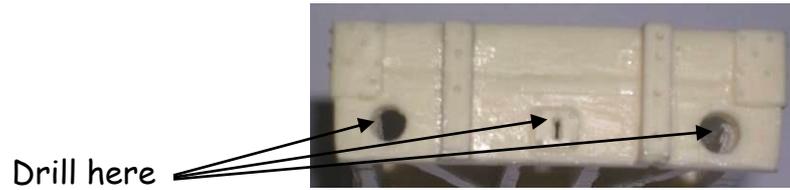
Part 5

NB: Parts 3
(Coupling
hooks) and 6
(Strapping
etch) Not
shown

Construction.

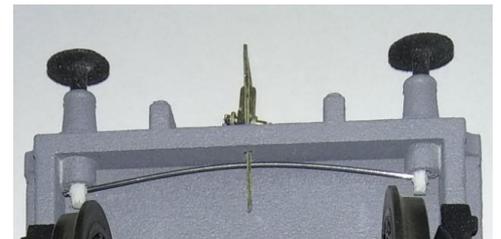
1. Clean up the wagon body (part 1) by removing any excess material.

2. Drill out the holes, both ends, for the buffers and coupling hooks as shown.



3. Glue in the buffer guides (part 2) into the buffer beam.
4. Drill out the holes in the ends of the buffer heads (Part 3) using a 0.5mm drill

1. slide the buffer heads through the guides
2. assemble the 3 link couplings (part 4) onto the hooks (part 5)
3. cut the piano wire (part 6) to length

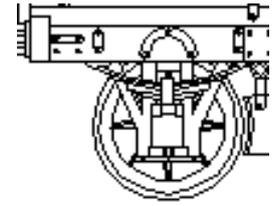


4. Slide the wire through the coupling hook, using the hole closet to the back of the buffer beam. Then slide it through one of the holes in the buffer heads. Once the wire is hard up against the back of the sole bar slide the wire back into the hole in the other buffer head

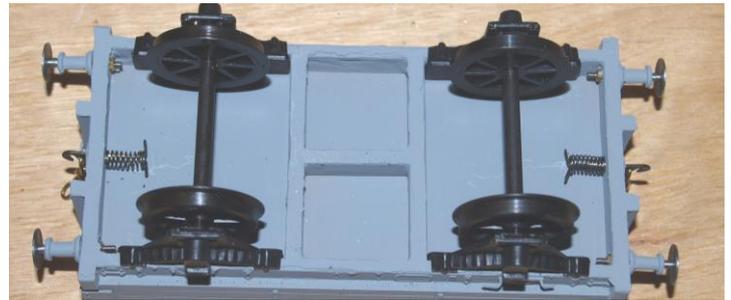
5. Next punch out the rivets on the strapping etch (part 7) and glue to the wagon as shown.



6. 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. 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.



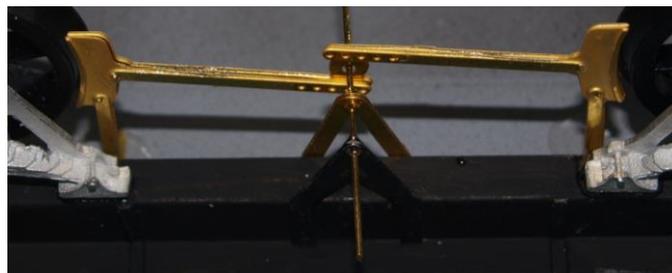
7. Repeat for the other wheel set. Use a straight edge across the back of the wheels to aid getting these parallel and square to the chassis.



8. Then laminated brake block etch (part 9/10)



9. Attach the "V" hangers (part 11) to either side of the sole bar and then attach the brake blocks to the inside of the sole-bar as



shown making sure that the brake block does not foul the wheels.

10. Next fix the brake lever (part 12) and brake ratchet (part 13) to the sole-bar and to the out side of the brake gear pivot as shown.



11. Finally cut to size and fit the floor (part 14). You are now ready to paint the model in the livery of your choice.



History of the Wagon

This kit represents the standard LSWR 1 plank fixed side open wagon.

They were built between 1879 and 1910 and came from the railway company's own works at Eastleigh.

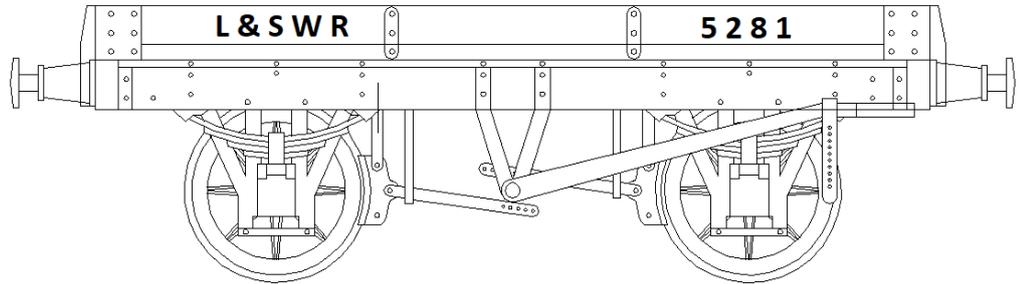
The wagons were first rated at 8 tons but this was later increased to 15 tons by 1910, and mainly used to move large stone blocks from Cornwall and Portland around the LSWR's system however some were also used by the engineers department. It is not known how many of these wagons were actually built but 9 passed into the ownership of the Southern Railway in 1923 with 6 passing to British railways in 1947.

LSWR numbers

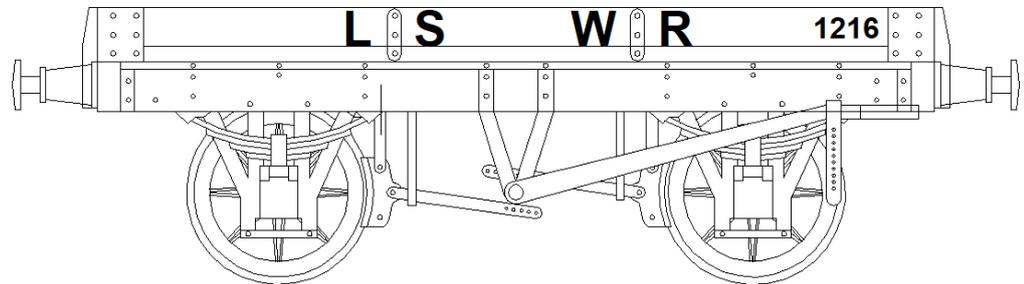
The wagons would have been painted LSWR wagon brown from 1879 right through to nationalisation in 1947. The only difference in the liveries from 1879 to 1947 was the size and position of the lettering. In British Railways days, the wagons would have been repainted to a shade of mid grey if they were ever repainted. However within a few weeks of any of these liveries being applied they would have been covered in stone dust from the quarries and it would have been very difficult to work out what colour the paint underneath was.

Liveries

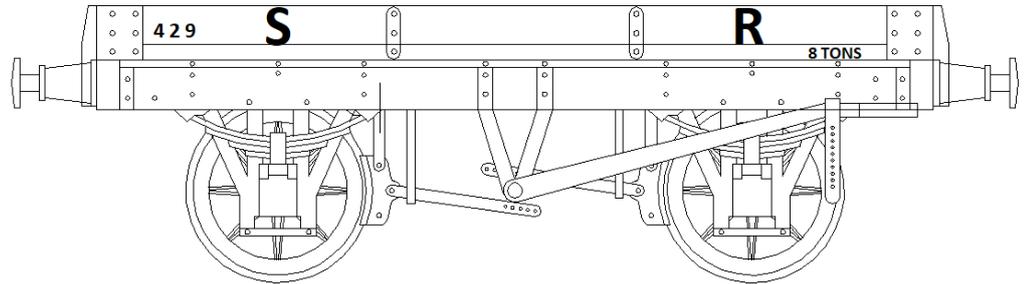
LSWR Early Livery



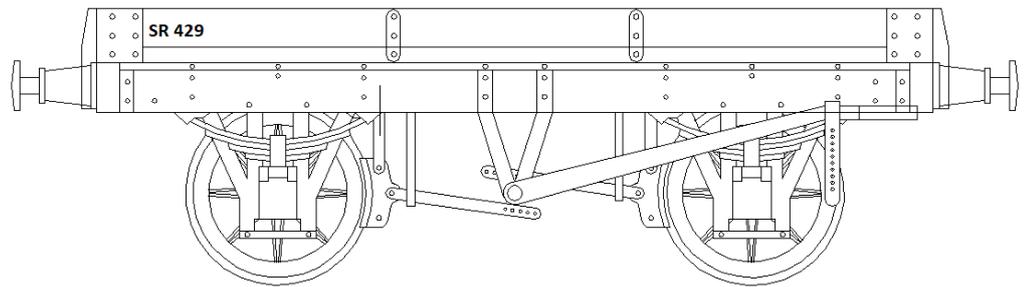
LSWR Late Livery



SR early Livery
Circ 1923-36



SR late Livery Circ
1936-47



Furness Railway Wagon Co.

LSWR/SR/BR 8ton-15ton 1PLK Stone Wagon

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

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

Transfers are available on the HMRS Scottish pre-grouping sheet.