

Furness Railway Wagon Co.

LYR/LMS

Double Ended

7 Plank Coal Wagon

Wheels, paint and transfers required to complete.

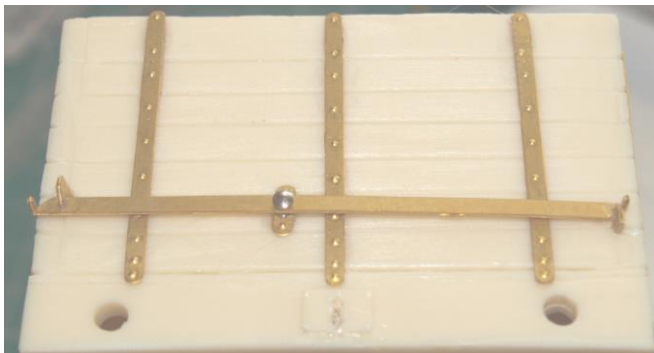
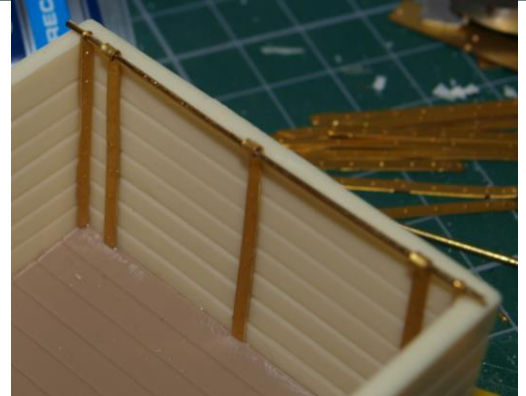
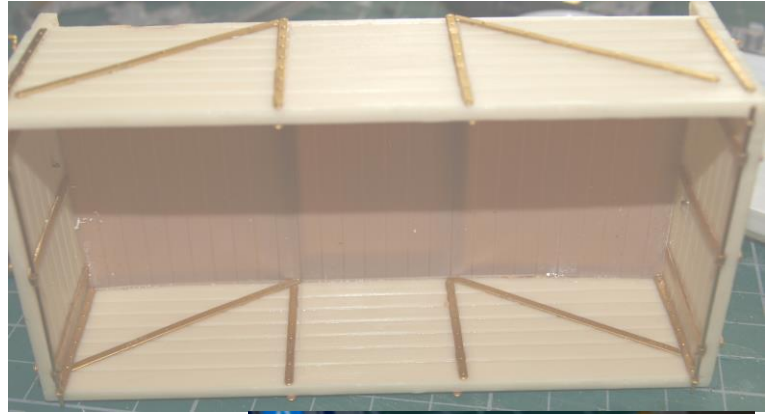
The Parts.



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 clean up and fit the floor (part 2).

4. Fit the strapping (part 3) as shown on the outside of the wagon. Note that the outside etched door is the full width of the wagon and does not have half etched tags on the top of the three uprights. Again there are small rectangular plates that fit on top of the etch to simulate one bar crossing another.

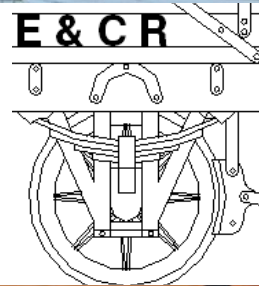
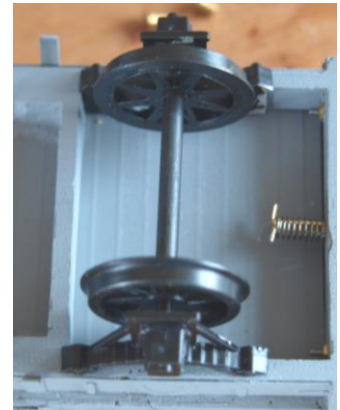


5. Next, assemble the links (part 4) on to the coupling hook (part 6) and push through the slot. Now push the spring (part 6) over the back of the back of the coupling hook and bend the tags over to secure the spring in place. Repeat for the other hook. Now fix the four buffers (part 7) and

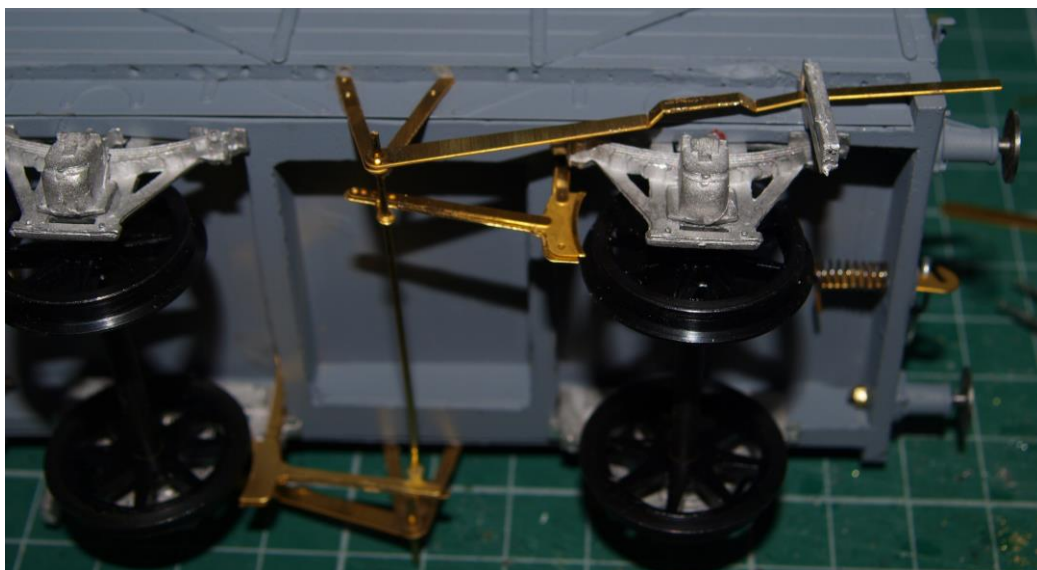


then into the holes in the buffer beam using two part epoxy, as shown. Repeat for the other end.

6. Assemble a wheel set consisting of: 2 x W-iron's (part 10), 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 crown plates 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. Next fix the brake lever(part10) and ratchet casting (part 11) to the sole-bar and to the out side V-hanger as shown.

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

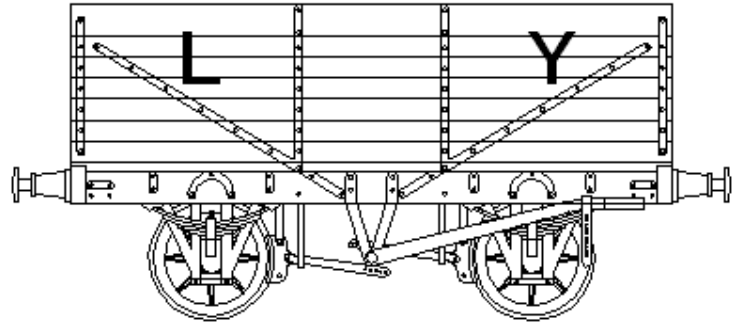


History of the Wagon

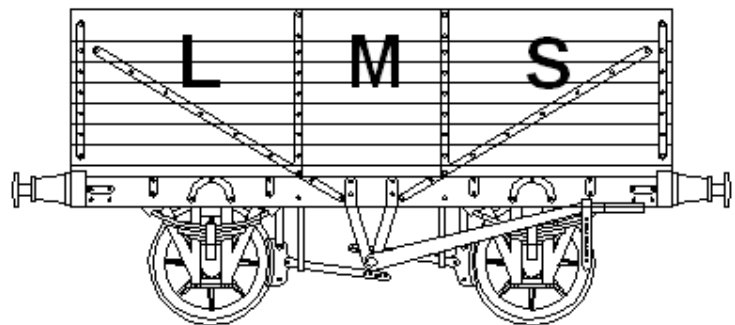
This kit represents the 10 prototypes built by the Lancashire and Yorkshire Railway, in 1893. These wagons were built to prove that a double ended wagon would improve the time taken to unload coal. Having proved this the LYR went onto build large capacity. Very little The wagons were painted grey for the whole of their lifetime. Originally the wagons would have only had the LYR's illiteracy symbols applied to them until about 1900 when the large LY were applied to the sides. This would have been replaced with LMS after 1923. These wagons were scrapped before 1936.

Liveries

LYR Livery Circ
1914



LMS early Livery
Circ 1923-36



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LYR Double Ended 7 Plank Coal Wagon

1. Construction Manual,
2. One strapping etch
3. One wagon body casting (resin),
4. One wagon floor casting (Plasicard),
5. One brake gear etch,
6. Four W-iron/axle box castings,
7. Two cast brake ratchets,
8. Four buffer assemblies,
9. Two coupling hook springs,
10. Six coupling hook links,
11. One set of etched coupling hooks,
12. One piece of brass wire.

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

Transfers are available from POWsides or on the HMRS LMS pre-grouping sheet.