

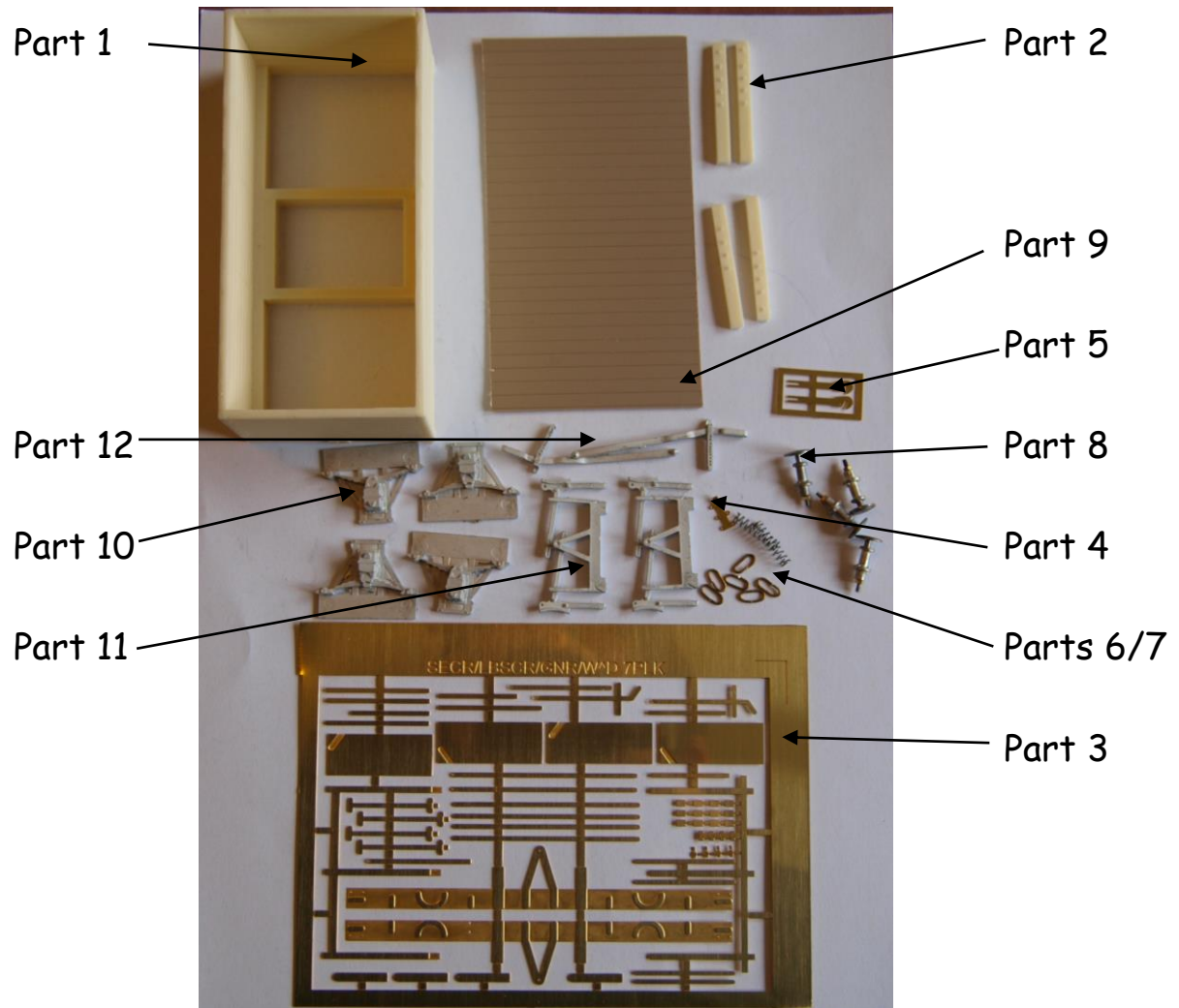
Furness Railway Wagon Co.

LYR/LMS/BR

7 Plank Loco Coal Wagon

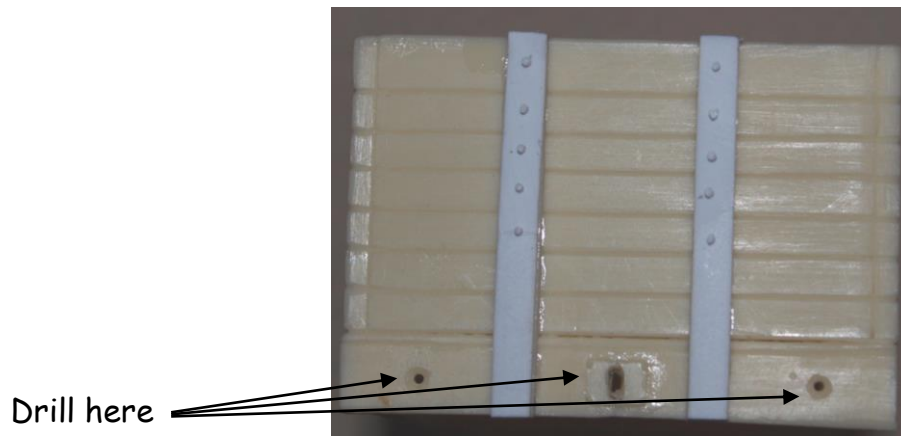
Wheels, paint and transfers required to complete.

The Parts.



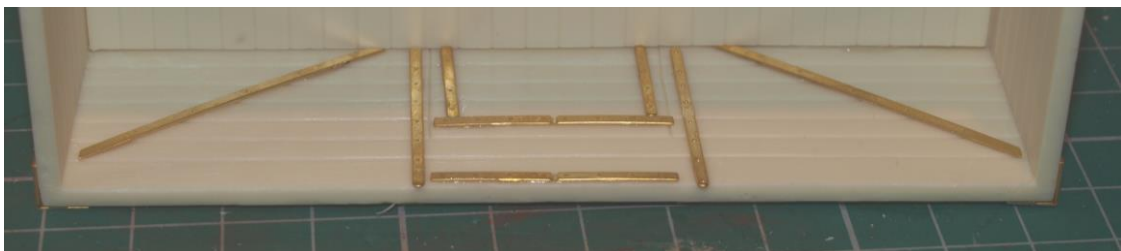
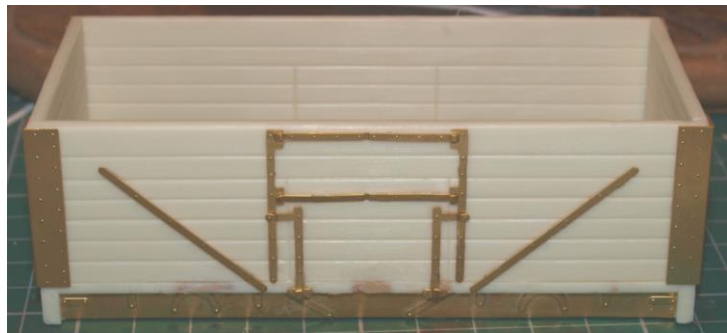
Wagon Construction.

1. Clean up the wagon body (part 1) by removing any excess material.
2. Fit the four end support castings (parts 2) two to each end of the wagon.

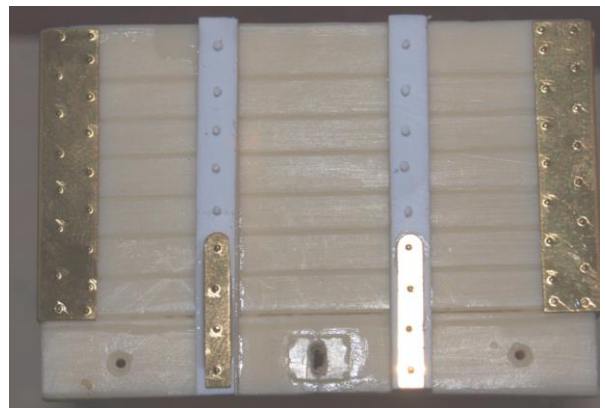


3. Drill out the holes, both ends, for the buffers and coupling hooks as shown.

4. Next take the strapping etch (part 3) and punch out the half etched rivets and attach as below.



5. Next fit the strapping to the fixed ends, as shown.



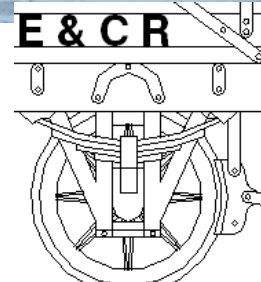
6. Next, assemble the links (part 5) on to the coupling hook (part 6) and push through the slot. Now push the spring (part 7) over the back of the back of the



coupling hook and bend the tags over to secure the spring in place. Repeat for the other hook. Now fix the four buffers (part 8) and then into the holes in the buffer beam using two part epoxy, as shown. Repeat for the other end.

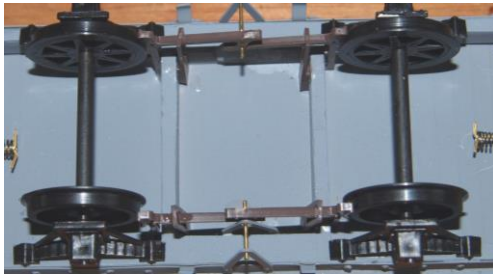
7. Next clean up and fit the floor (part 9). Note you will need to file some small notches into the floor to enable it to pass over the internal strapping.

8. 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.



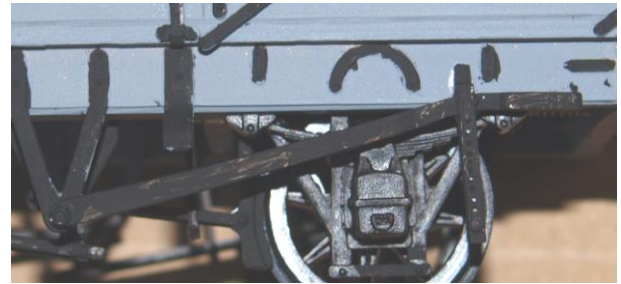
9. Repeat for the other wheel set. Use a straight edge across the back of the wheels to aid getting these parallel and square to the chassis.





10. Glue the brake gear (part 11) onto the wagon, as shown.

11. Next fix the brake lever and ratchet casting (part 12) to the sole-bar and to the out side V-hanger as shown.



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



History of the Wagon

This kit represents the LYR's standard loco coal wagons built between 1897 and 1902. 330 of these wagons were built in several batches some wagons were later converted to carry coke by adding raves.

Most of these wagons lived long enough to get to the grouping with the wagons passing to the ownership of the LMS and in some cases wagons survived long enough to be withdrawn by British Railways in the 1950's.

The LYR's livery was mid grey above the sole bars and black below with the iron work picked out in black.

LMS livery, between 1923-36, would have been light Grey with large 'LMS' on the side of the wagon. After 1936 the colour changed to bauxite and the size of the lettering was vastly reduced and moved to the bottom left hand side of the wagon. Those of the wagons that managed to survive past 1947 would have been eventually grey if they were lucky

Known running numbers 2847, 14026, 17949 and 22215

Liveries

LYR Livery Circ
1913



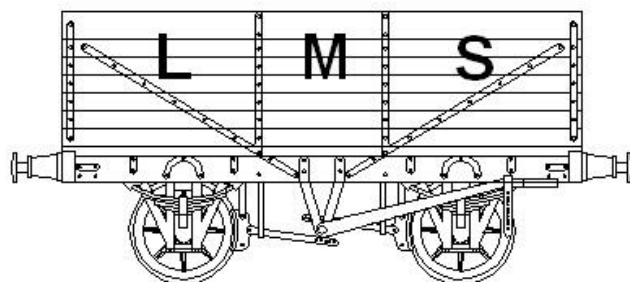
LYR Livery Circ
1913



LYR Livery Circ
1913



LMS Livery Circ
1923-36



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LYR/LMS/BR 7 Plank Loco Coal Wagon

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