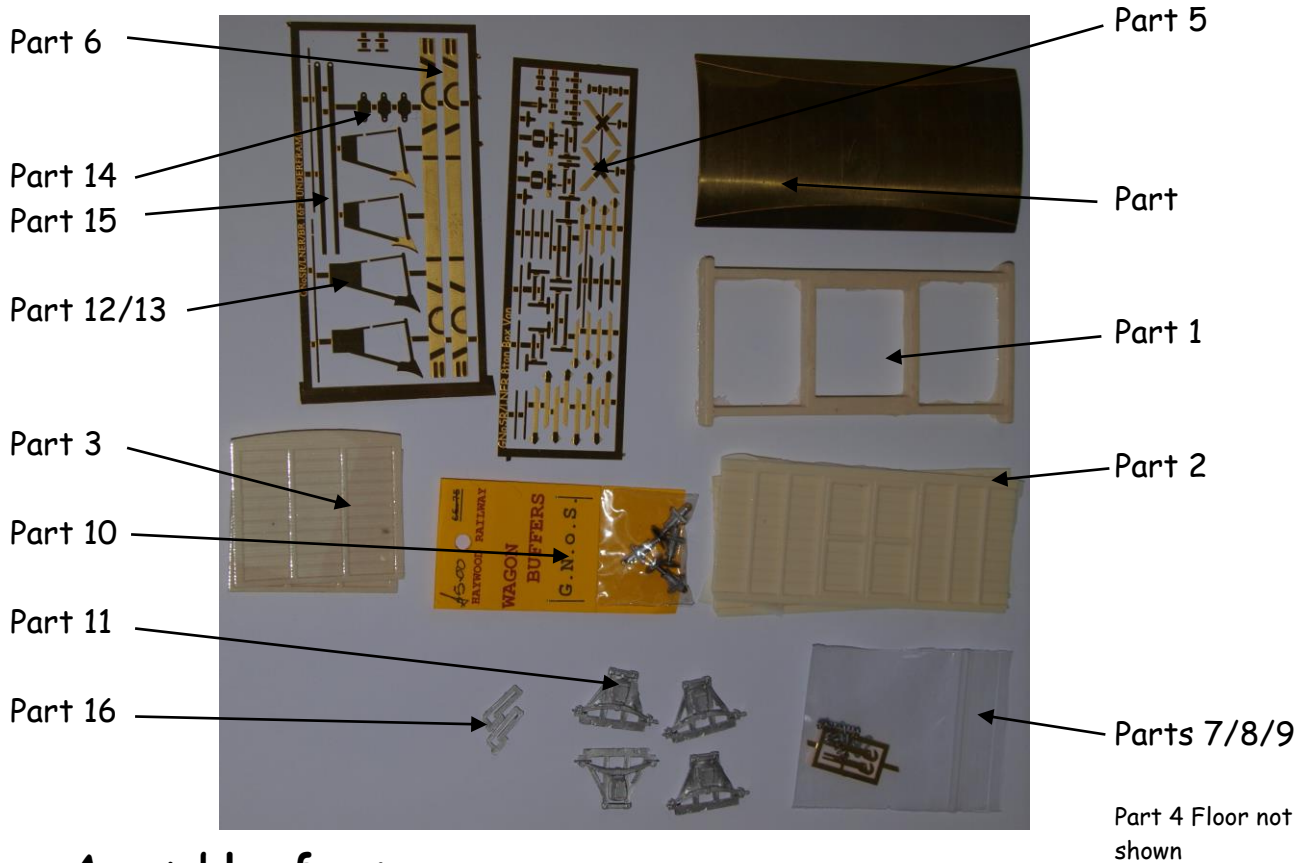


Furness Railway Wagon Co.

GNoSR/LNER/BR 8/10ton Box Van

Wheels, paint and transfers required to complete.

The Parts.



Assembly of van.

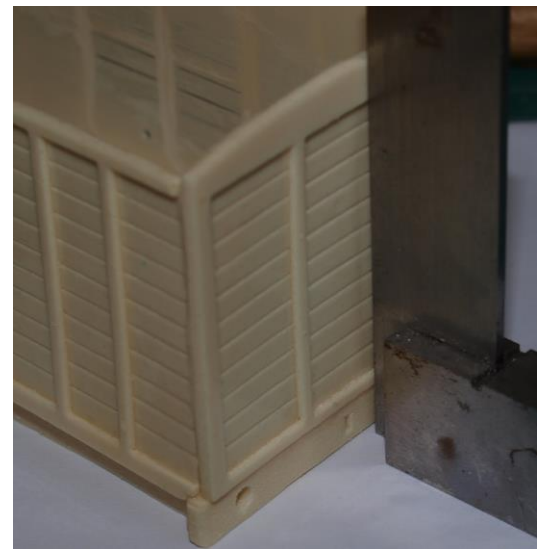
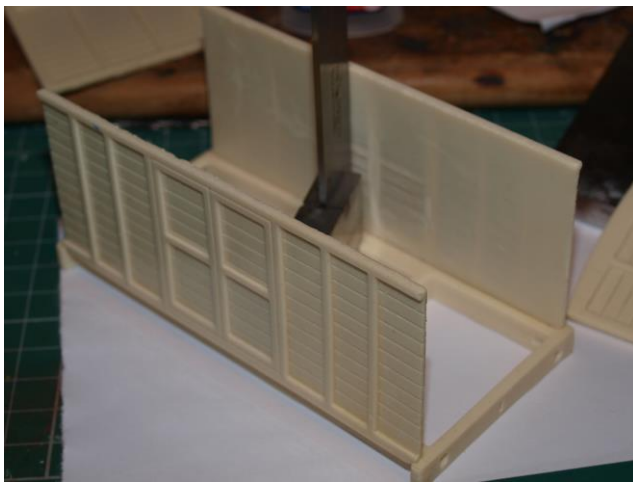
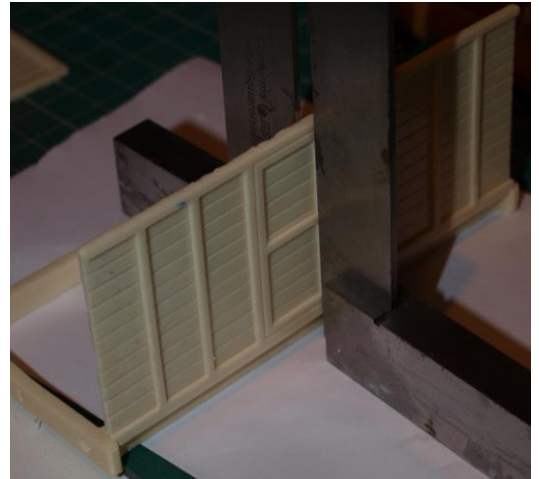
1. Wash and clean up the castings making sure that the castings fit together before gluing.

2. Next drill out the holes in the buffer beam of the



chassis (Part 1) for the coupling hooks and the buffers.

3. Now it is a good idea to dry fit the sides, ends (part 2), chassis (part 3) together making sure that the ends line up with the buffer beam and are square. The sides should sit on the back face of the buffer beam and their back face should be tight against the out side of the sole bars.



4. Then fit the floor (Part 4) again make sure that it fits between the sides and ends.

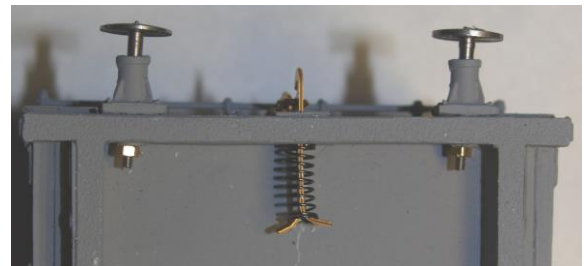
5. Next fit the etched strapping (part 5), as shown. Care is required not to get too much glue on the strapping as this could cover the strapping.



6. Next punch out the rivets on the sole bar etch (part

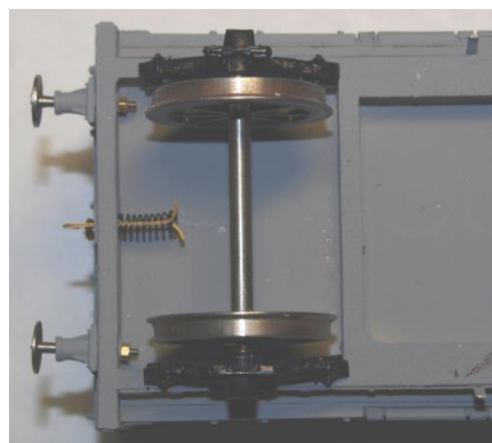
6) and glue to the sole bar as shown. It is a good idea to bend the brake guard out of the way at this stage.

7. Next, assemble the links (part 7) on to the coupling hook (part 8) and push through the slot. Now push the spring (part 9) over the back of the back of the coupling

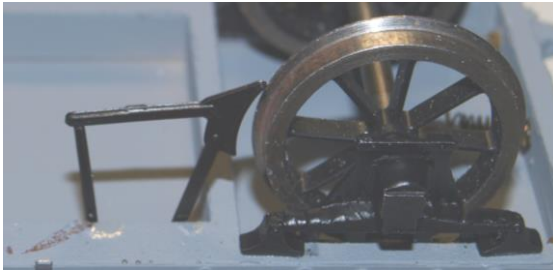


hook and bend the tags over to secure the spring in place. Then fix the four buffers (part 10) into the holes in the buffer beam using two part epoxy.

8. Assemble a wheel set, 1 x W-iron's (part 11), 2 x bearing's and 1 x wheel/axle unit, do not glue the bearings into the W-irons at this



stage. Repeat for the other wheel set.



9. Next take the etched brakes (parts 12/13) punch out the rivets and solder together. This can then be mounted on to the chassis

next the wheel as shown.

10. Fold up the brake gear pivot (part 14) placing it against the bottom of sole-bar and next to link arm of the etched brake assembly.



Glue the casting into position using two part epoxy resin, this will give you opportunity for adjustment.

11. Next fix the brake lever (Part 15) and ratchet casting (part 16) to the sole-bar



and to the out side of the brake gear pivot casting as shown.

12. Now fold down the brake guard down over the brake lever.

13. Replete stages 16, 17 and 18 for the other side of the wagon.

14. Finally fit the roof (part 19), making sure that the end line up and are square. Paint the model in the livery of your choice.



History of the Wagon

This represents the Great North of Scotland Railway's standard box van. 130 of which were built in batches between 1902 and 1912. 3 of those vans built in 1909 were Westinghouse piped and up rated to 10 tons. All of these vans were taken into LNER ownership in 1923 with 1 lasting long enough to be taken into public ownership in 1947. This kit represents the unfitted van.

These vans would have been a common sight in goods trains across Scotland and Northern England and would have been marshalled at the front of goods trains. They would have looked unusual as even the unfitted wagon ran with 3'7 diameter spoked wheels.

Known GNoSR running numbers were:

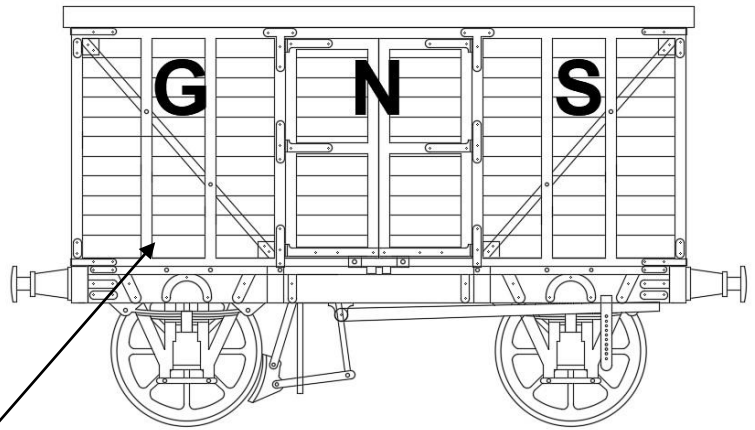
1902: 892, 910, 918, 925, 932, 940, 947-9 **1905:** 866 **1906:** 312, 887
1907: 888 **1908:** 849 **1909:** 322, 330, 346, 801, 871, 877, 889, 832
(piped), 851 (piped), 893 (piped) **1911:** 331, 345, 822, 861 **1912:** 336,
830, 863

Under the LNER all GNoSR wagons had 80,000 added to their running numbers.

When originally built the vans would have been painted medium grey with iron work picked out in black. Under the LNER the unfitted vans would have been painted wagon grey were as the fitted ones would have been painted red oxide. It is doubtful that British Railways would have repainted any of these wagons.

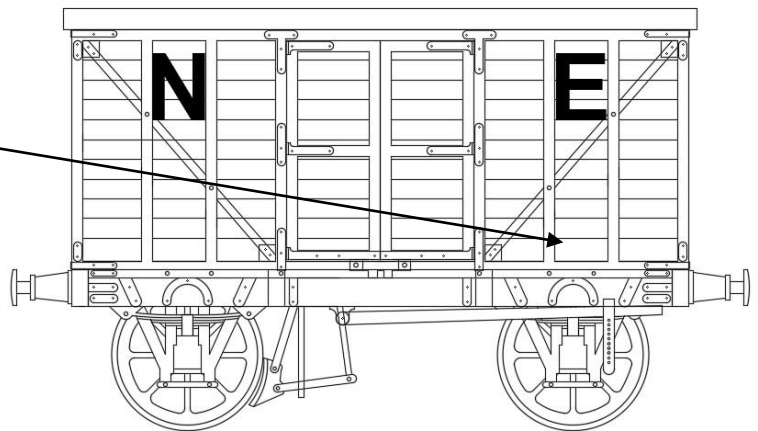
Liveries

GNoSR Livery
Circ 1920

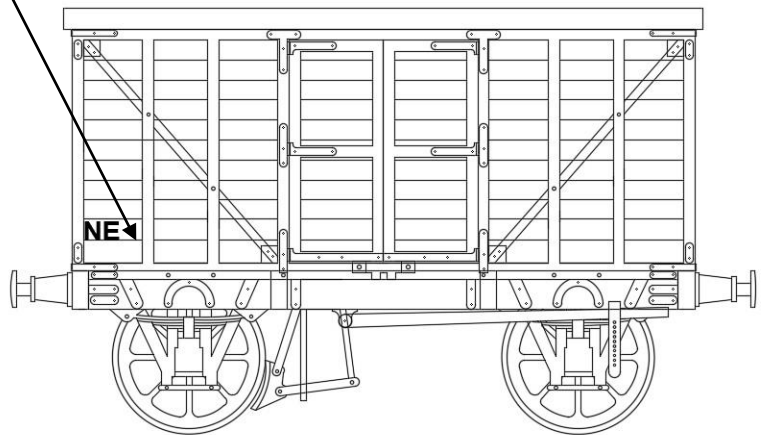


Numbers

LNER Livery
Circ 1923-1936



LNER Circ 1936-47



Furness Railway Wagon Co.

GNoSR/LNER/BR 8/10ton Box Van

1. Construction Manual,
2. One rolled etched roof.
3. One Brass Strapping etch
4. One brass brake etch,
5. Two Brake ratchet Castings
6. Two Brake pivot etches
7. Four axle box castings,
8. Two wagon side castings (resin),
9. Two wagon end casting (resin),
10. One wagon floor Casting (resin),
11. One wagon chassis Casting (resin),
12. Four buffer assemblies,
13. One coupling hook etch,
14. Two coupling hook springs,
15. Six coupling hook links.
16. one length of brass wire.

We recommend Slaters 3'7" split spoke wheels.
Transfers are available from HRMS.