

# *Furness Railway Wagon Co.*

## GER/GCR/GWR/LNER Grounded Box Van

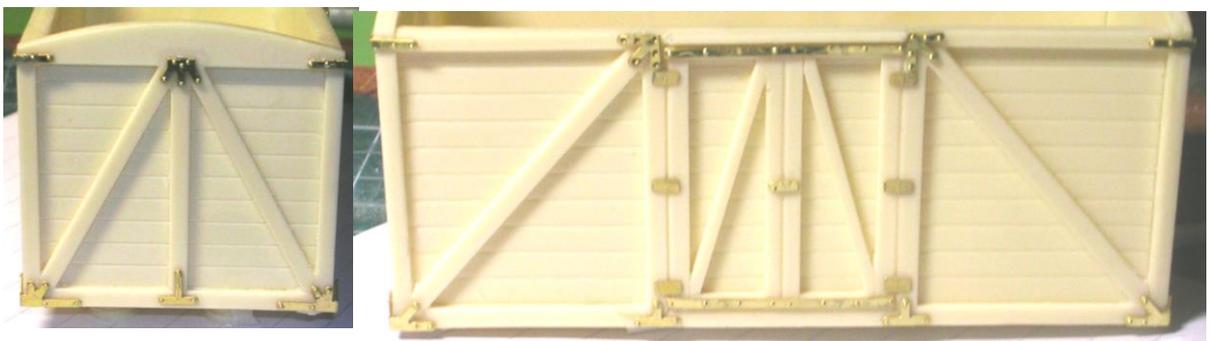
### Final Assembly of van.

1. First solder wire in to the half etched slots in the roof (part 1).
2. Wash and Clean up the castings making sure that the casting fit together before gluing.

3. Fit one of sides (parts 2) to the floor (part 3), making sure that the ends of the sides line up with the floor and are square. Next fit the ends (Parts 4) of the to the sides and floor, as shown. Then fit the last side to complete the box.



4. Next punch out the half etched rivets on the strapping etch (Part 5) and fit as show.



5. Next fit a piece of wire over the door as shown.



6. Finally fit the roof, making sure that it is square. Paint the model in the livery of your choice.

## **History of the Wagon**

Between 1888 and 1903, the Great Eastern Railway, Great Western Railway and Lancashire Derbyshire and East Coast Railway (GCR post 1908) Companies ordered over 2500 10ton general merchandise box vans. The wagons were built with outside frames with cupboard style doors mounted on a steel under-frame. Some of the vans built after 1902 were fitted with vents on the top corners of the ends, while others were fitted with automatic braking to allow them to run with passenger trains. In Great Eastern Railway days the wagons would have been painted:

- Slate grey for un-ventilated stock.
- Light French grey for ventilated stock
- Red Oxide/Dark Red outer panels on the Ends (Pre 1912) or Light French grey with a large 'V' in Red Oxide/Dark Red painted on the Ends for Vacuum fitted stock.
- All had White/light grey roof and everything below the sole-bars and the buffers in black.

GWR wagons were originally painted red oxide and after 1905 these vans were painted dark grey.

LD&ECR vans were painted dark chocolate and when they became GCR stock they would have been painted mid grey

The wagons in revenue service would have also been painted grey from 1923 with the fitted wagons being painted bauxite. Those wagons in

departmental service would have been painted Oxford blue or Green depending on their use. In British Railways days, the wagons would have probably not repainted unless there was a change in use.

### **Check list**

1. Construction Manual,
2. One rolled etched brass roof.
3. One Brass Strapping etch
4. Two wagon side casting (resin),
5. Two wagon end casting (resin),
6. One wagon floor Casting (resin),
7. brass wire.