



The detailed wagon and van kit

The Prototype

A stalwart of the North British general merchandise fleet. These centre door open wagons were built between 1905 and 1916. At first rated at 8t they were quickly uprated to 10tons. This type of wagon generally had a working life of around 30 years and most therefore would have been scrapped by the late thirties. A few may have survived the Second World War.

Whilst their main area of activity would have been the industrial areas of Scotland and the Border counties of Northern England it would not have been unusual for them to venture further south.

A useful general merchandise wagon, which would have been used for the transport of all manner of materials and finished goods in grates and barrels.

References:

British Goods Wagons from 1887 to the present day, R Essery, D Rowland & W Steel

Wagons on the LNER North British No1, J Hooper P31

NBR Wagons some design aspects, G W M Sewell P12

A Pictorial Record of LNER wagons, P Tatlow P12

Interested in the North British Railway?

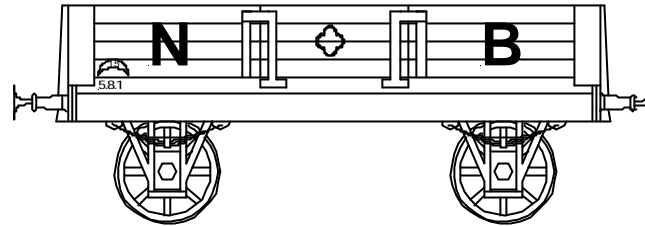
The North British Railway Study Group

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Diagram 55 (SSA Diag 50) 8/10t Centre Door Wagon



Period: from c1905 to c1940

For OO, EM and 18.83mm

Requires to complete:

- split spoke wagon 12mm wheels
- paint, couplings, transfers

Assembly

Please read these instructions before starting to build your model. Examine all the parts and familiarise yourself with their assembly. Remove any moulding flash and ensure all parts fit correctly. We suggest wet fine emery paper (1200 grit) may be useful to clean up flash marks. Carry out a dummy run before assembly. Assembly is best carried out using low melt solder or an epoxy resin such as Araldite. Glues like UHU, Multibond or Thixofix can also be used. For small parts use Superglue. To obtain the best results a combination of several techniques will be needed.

Check the fit of the wheel bearings in the axleguards. If necessary drill out the bearing hole to accept the bearing. Fix both ends to one side. Ensure all is level and square. Fit the second side with wheel sets in place. Ensure the wheels are firmly supported and run freely. When satisfied fix the second side in place. Again check the wagon is level and square. If not a gentle tweak will ensure that all four wheels come into contact with a flat surface such as a glass sheet.

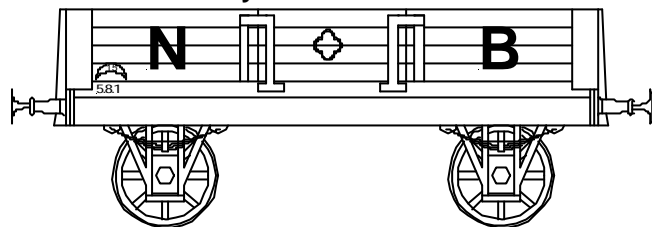
Fit the buffers in place with the bolt heads at the 3, 6, 9 and 12 o'clock positions. Fix the single brake shoe to each side of the wagon followed by a brake lever.

Cut the embossed plastic floor to shape and fix in place. After painting and lettering fit three link couplings.

Clean and degrease the model, using White spirit prior to painting. For white metal parts use an etching primer, such as Precision Paints PS1. The model should be painted using the livery of your choice. After painting clean the model using a tissue soaked in white spirit. **This is especially important if using dry lettering** such as that available from Pow Sides rather than waterslide or 'Methfix' transfers.

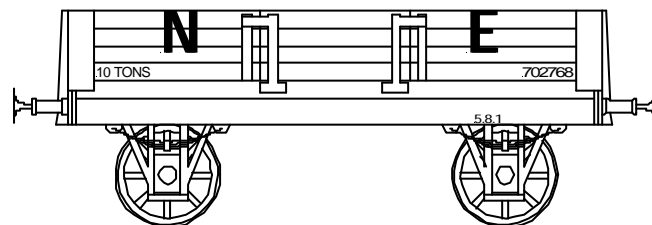
Livery

North British Railway c1900-1923



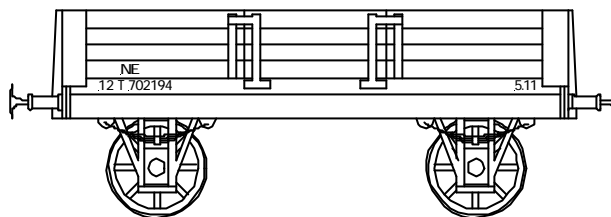
Bodywork, solebars grey, Precision Paint P679
Buffers, drawgear, running gear and sometimes body iron work Black
Letters and numbers White
HMRS sheet 20,

London North Eastern Railway 1923-1937



Bodywork and solebars LNER grey
Precision Paint P66
Underframe/brake lever black
Letters and numbers white
HMRS sheet 12, Modelmaster Sheet 4702

London North Eastern Railway 1937-demise



Bodywork and solebars LNER grey
Precision Paint P66
Underframe/brake lever black
Letters and numbers white
HMRS sheet 12, Modelmaster Sheet 4702

It will be appreciated that many wagons would not have been repainted by the LMS or BR and would remain in a weathered Group or even pre-Group livery or by that time weathered timber!

Sample Numbers

1132, 1403, 2194, 4202, 7598, 10688, 12909, 13234, 13867, 14014, 17654

The LNER added 700,000 to the NBR numbers.

Acknowledgements

51L would like to thank members of the North British Railway Study Group for their help and assistance in preparing this model.

51L

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51L models are available through Wizard Model 51L at selected exhibitions and mail order.

The current version of these assembly instructions will be available on the 51L website: www.51l.co.uk. For further help or information please emails: help@51l.co.uk

Wizard Models

Wizard Models stocks a wide range of components, paints, transfers and other necessities for the 4mm modeller in OO, EM and 18.83mm. A full price list, for 50p + SAE can be obtained from: -

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