



The detailed wagon and van kit

The Prototype

First ordered in 1902 these wagons were used to carry All manner of goods. For example pipes, tubes and metal finished products from manufacturer to final customer. Some were legended for specific locations such as "Return to Coatbridge (Sheepford)" in NBR days and "Empty to Stanton Iron Works" in LNER days.

The diagram 43 was produced at Cowlairs and the first batch was probably delivered in 1903. Numbers were 65276-65375 consecutively. They were long lived wagons many making it to the 1940's with several around in the 1950's.

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 P20

NBR Wagons some design aspects, G W M Sewell P12

A Pictorial Record of LNER wagons, P Tatlow P77-78

Interested in the North British?

The Membership Secretary:

The North British Railway Study Group

Bill Lynn

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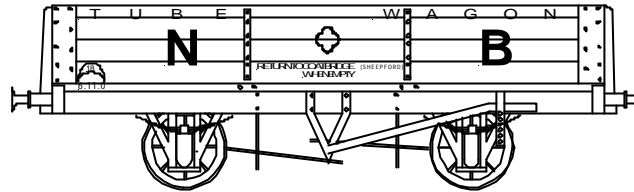
Saltwell Road South

Low Fell

Newcastle on Tyne

North British Railway London and North Eastern Railway British Rail

**Diagram 43 (SSA 77B) 10t tube wagon
Period: from 1903 to 1950's**



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. 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 and if necessary bore out the axleboxes to fit. Fix both ends to one side ensuring all is level and square. Fit the second side with wheel sets in place, ensure the wheels are supported in the bearings and revolve freely. When satisfied fix the second side in place. Ensure all is square and that all four wheels make contact with a flat surface such as a glass sheet. If not a gentle tweak will ensure the wheels make contact.

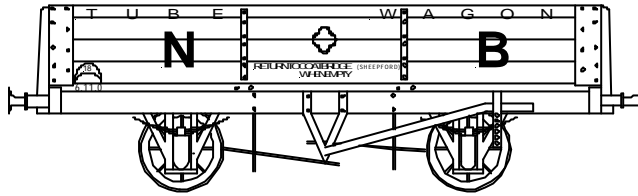
Fit the buffers so that the bolt heads are at the 3, 6, 9 and 12, o'clock positions. Fit the brake shoes, 'V' hangers and brake levers to both sides. Cut the plastic embossed floor to size and fit in place.

Finishing

Clean and degrease the model, using white spirit before painting. For white metal parts use and 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 you are dry lettering such as that available from Pow Sides** rather than waterslide or 'methfix' transfers.

Livery

North British Railway 1903-1923



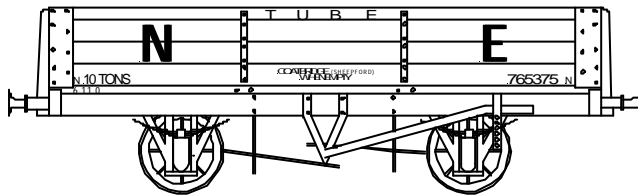
bodywork, solebars grey, Precision Paint P679

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

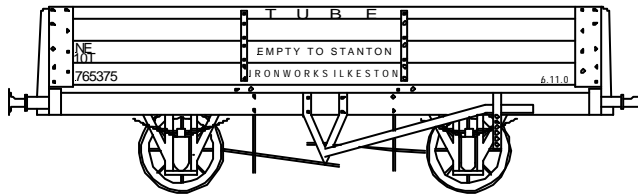
Precision Paint P66

Underframe/brake lever Black

Letters and numbers White

HMRS sheet 12, Modelmaster Sheet 4702,

London North Eastern Railway 1937-1948



Bodywork, and solebars LNER grey

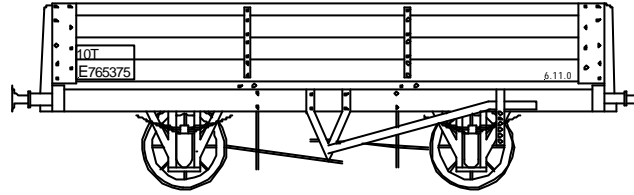
Precision Paint P66

Underframe/brake lever black

Letters and numbers White

HMRS sheet 12, Modelmaster Sheet 4702,

British Rail 1948-demise



Light grey Precision Paint P126, or bare timber with lettering on a black patch.

Lettering and numbers white

HMRS sheet 25, Modelmaster sheet 4619

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!

Acknowledgements

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

Sample Numbers

65276 –65375

In LNER days NBR wagons were renumbered by addition of 700,000 to the NBR number. Any wagons renumbered by BR would have had an E added before the LNER number.

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 email: peter@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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