



The detailed wagon and van kit

The Prototype

Open wagons with dropsides were part of the pre-group scene. The NER inherited so many that it did not find the need to add to their numbers. The prototype for this model was a 1920 NER design of which 300 were built at York works in 1923. Many survived in revenue service until nationalisation. It is thought likely that few would have survived beyond the late fifties.

References

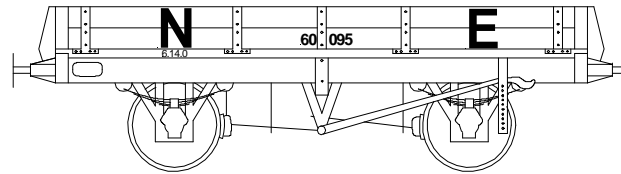
British Goods Wagons from 1887 to the present day , R Essery, D Rowland & W Steel

Interested in the North Eastern Railway?

Contact the North Eastern Railway Association.
The Membership Secretary
c/o 8 Prunus Avenue
Willerby
Hull
HU10 6PH

North Eastern Railway London and North Eastern Railway British Rail

Diagram B15 Low sided goods wagon



from 1920 to late 1950's

For OO, EM and 18.83

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.

Attach the axle boxes to the sides using the solebar details for alignment. The wheel base should be 38mm. Use a common end for any measurements. Fit the ends to one side, ensuring all is level and square. Carry out a dry run with the second side,

wheels and bearings in place. If satisfied secure the wheel bearings in place using a Superglue. If required pack out the bearings in the axlebox to ensure correct fit. Fit the other side with the wheels in position and again check all is square using a flat surface such as a glass sheet. If required gently tweak the wagon to bring all four wheels into contact with the glass surface.

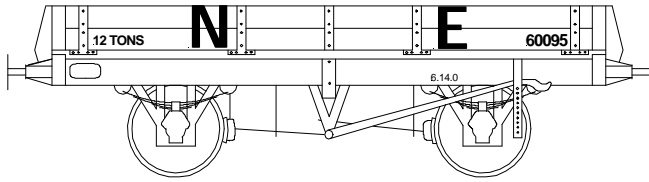
Cut the plasticard floor to shape and glue the floor in position. Fit the buffers to the ends with the single rib facing inwards. Cut the brass wire to fit between the V's ensuring a slight overlap at each side. Fit the brake shoe/safety loop assembly to the inside of one of the V's using the cross bar for alignment. Attach the cross bar in place. Finally attach the brake levers ensuring the plain brake lever is on the brake shoe side of the wagon.

Finishing

Clean and degrease the model, using white spirit prior to 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 using the "Pow Sides" dry lettering** rather than waterslide or 'Methfix' transfers.

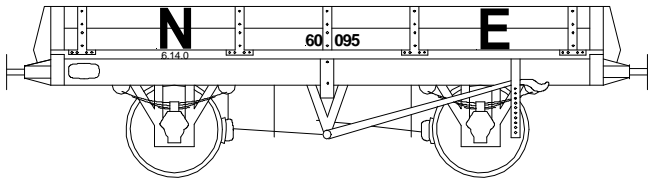
Livery

North Eastern Railway 1920-1923



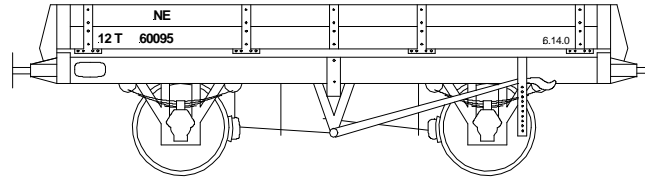
Bodywork, and solebars LNER grey
Precision Paint P530
Underframe/brake lever Black
Letters and numbers White
Pow Sides sheet E262, Fox FRH 4325

North Eastern Railway 1923-1937



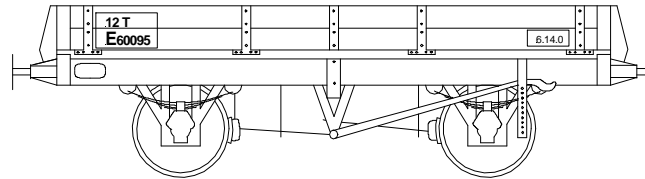
Bodywork, and solebars LNER grey Precision Paint P66
Underframe/brake lever Black
Letters and numbers White HMRS sheet 12, Modelmaster Sheet 4702,

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 Railways 1948-demise



Bodywork, and solebars grey or bare timber
Precision Paint P126
Underframe/brake lever black
Letters and numbers white on a black patch
HMRS sheet 25, Modelmaster Sheet 4606,

Sample numbers

523, 2626, 2796, 4337, 4680, 4967, 5429, 5950, 26487, 59288, 60075, 60096, 60445, 61121, 61754, 62284, 70257, 109213, all 1920 builds.
2900, 3193, 3336, 5228 all 1921 builds.

51L

51L has a wide range of locomotive, carriage and wagon kits for the following railway companies

GWR and constituents:-
Cambrian Railway, Great Western Railway

LMS and Constituents:-
Glasgow & South Western Railway, Highland Railway, Lancashire & Yorkshire Railway, Midland Railway, North Staffordshire Railway, Caledonian Railway

LNER and constituents:-
North British Railway, North Eastern Railway

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: -
Wizard Models.
PO Box 225, Macclesfield, Cheshire, SK10 4GB
Tel / Fax: 01625-585312
Email: sales@wizardmodels.co.uk
www.wizardmodels.co.uk

Version: 2 00
Issued: July 2001
