
RAGSTONE MODELS

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Great Eastern Wool Wagon Kit

Diagram 11

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26 Wadham Close
Rowley Regis
West Midlands
B65 9SH

Great Eastern Wool Wagons

History

These 50 wagons were built during 1880-81

These were the first GE wagons built with the steel channel underframe, later to become common on GE stock. They were designed for the carriage of wool in bales, a load that needed covering with a sheet at all times. Their usefulness for other large and bulky item ensured their survival once wool traffic tailed off in the 1890's.

When new single sided brakes were fitted, generally they would have been withdrawn or relegated to departmental use by the early 1920's, so it is unlikely any received double-sided brakes before withdrawal.

One of the last survivors was still in internal use at Stratford in 1959.

Numbers

Dia 11

Wool wagon 13000-13049 Tare 6-0-3

Any wagons renumbered by LNER would have 6xxxxx added to the existing number, but as they were not allocated a LNER diagram number this is unlikely.

Livery

1880-1923 (and later)

GE wagon grey (described as a 'medium grey') with white lettering and black below solebar level

1923-38

Any repaints would be in LNER wagon grey with white lettering and black below solebar level, but it is likely any survivors were in departmental use by this time

Departmental and Internal use

The LNER painted its departmental wagons 'Oxford blue', although the actual shade varied, with white lettering and internal use wagons green. However it is not known if any of these wagons were so treated or continued to carry worn service livery.

Further Information

Information and photographs are available as below:

Great Eastern Journal no 45 – article pp 18/19 & photos p2

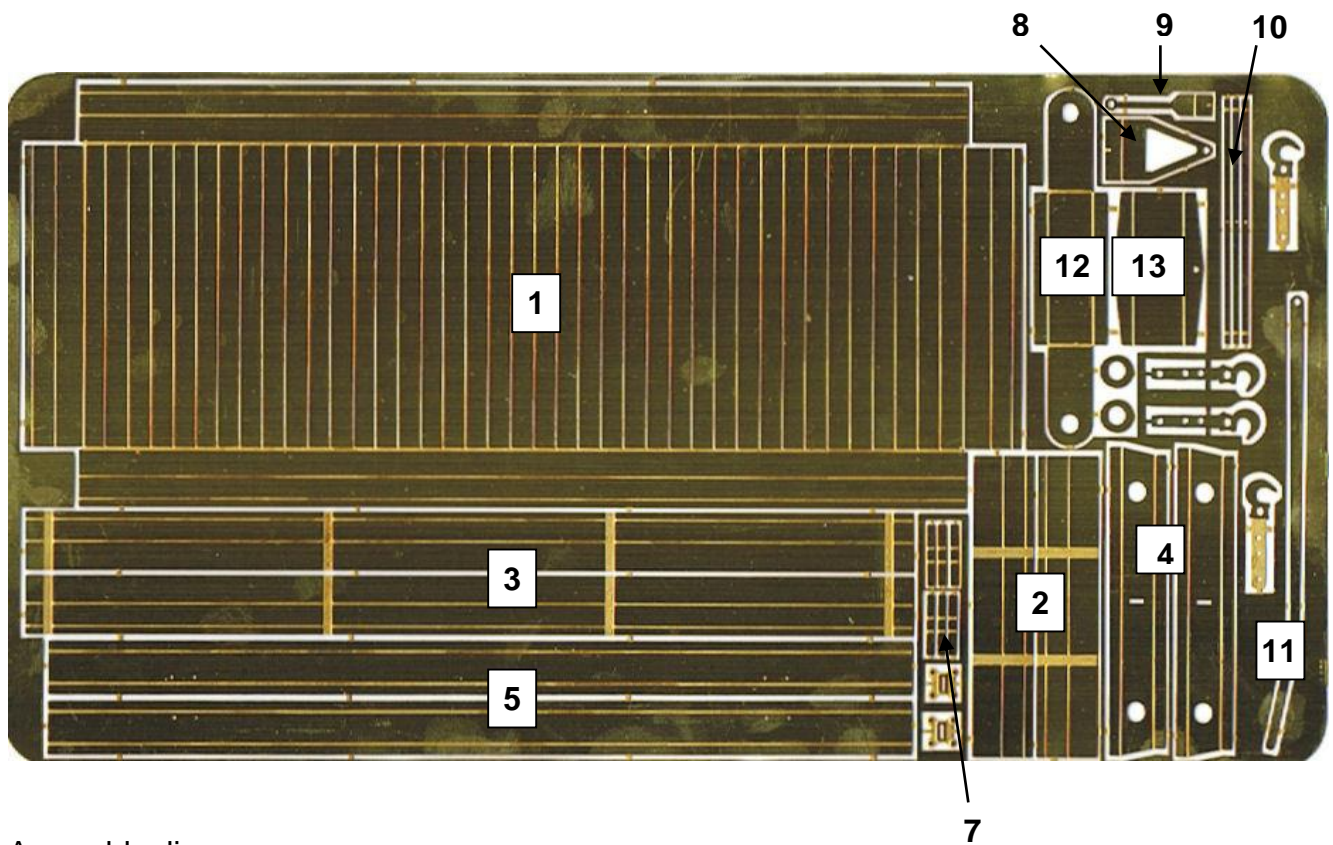
Great Eastern Journal no 47 – photo p2

Assembly

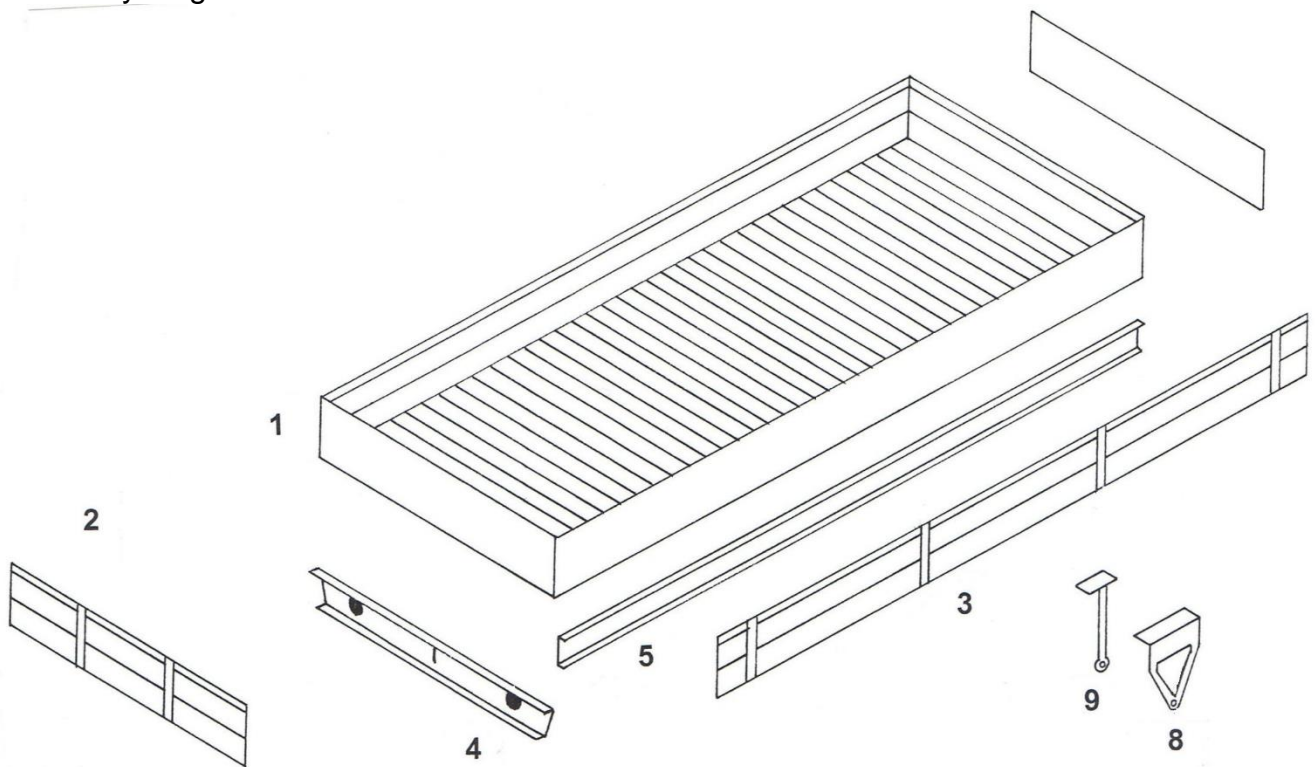
1. Form rivets and fold up sides first, and then ends (1). The sides fit outside the ends. Add outer sides (2) & ends (3).
2. Fold buffer beams (4) and fix centrally under each end of the floor, with the long edge to the top. Unusually, the channel faces OUTWARDS.
3. Form rivets and fold up solebars (5) - the central 4 rivets are only required on the braked side. Fit between buffer beams 44mm apart. The correct way is with the two etched holes to the lower left.
4. Form horse hook (like a small handrail, Π shaped) from wire and fit in etched holes at the left end of the solebars. Fit spring stops (7) in the half etched rebates on the bottom of the solebars. Fit strapping to sides and ends.
5. Mark the center of each axle (using the etched rivets to position correctly) and using the lines you have drawn as a guide, fit axlebox/spring casting to one side only, add wheels and bearings and second axlebox/spring castings. Do not fix until happy that all axles & wheels are square and level.
6. Fit V hanger (8) to the inside of the solebar with the rivets – using the etched centreline to position correctly.
7. Add brakegear, taking care that it does not touch the wheels, and inner stirrup (9) with pivot casting attached through brakegear and V hanger to align correctly. Add safety loops (10) to outer ends, near the brake blocks.
8. Fit brake handle (11 or casting) to wire and ratchet to brake handle and solebar
9. Fit buffers using base insert fitted in to the buffer beam. Drill all the way through 1.4mm and 2.0mm, xxmm deep. Fit buffer heads with springs and nuts.
10. Fit coupling insert to buffer beam, assemble and fit couplings to buffer beam using springs and split pins.
11. Clean and paint wagon

Compensation can be fitted if required using parts 12 & 13, although generally unnecessary for a wagon of this type. To fit, omit one axle at step 7, remove pin point ends from this axle and fit wheels to axle mount (14). This assembly can then be fitted to the cradle (15) with 1.0mm wire and secured to the underside of the floor, lining up the axle ends with the axleboxes already fitted.

Parts identification:



Assembly diagram:



Parts List

Etch

1	Side & ends	8	V hangar
2	Outer sides	9	Stirrup
3	Outer ends	10	Brake safety loop
4	Bufferbeam	11	Brake lever
5	Solebars	12	Axle mount
6	Not used	13	Rocker cradle
7	Spring stop		

Castings/Other

Whitemetal

4x	Axlebox & spring
4x	Buffer body
4x	Buffer base

Lost wax brass

1x	Brake gear
1x	Brake ratchet
1x	Center pivot
1x	Brake handle
2x	Coupling insert
4x	Plain strapping
4x	Bracket strapping
4x	End strapping

Other Parts

4x	Buffer springs	2x	Coupling springs
4x	Nuts	6x	Coupling links
4x	Turned buffers	2x	Split pin

Parts required

2x	3' 1" 8 open spoke wagon wheels (1 pack Slater's 7121)	Paint and transfers for your chosen livery
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Note:

This is a scale model intended for responsible (usually adult) modellers only. The etched brass has sharp edges and should be handled with care. Whitemetal and many solders contain lead. You should not eat, drink or smoke when assembling this kit and wash your hands after using these products. You should read all instructions on other products (solder flux, paint etc) that are required to complete the kit