

# 1:20.3-scale baggage wagon

Plan set #86

by Ted Stinson | Wiscasset, Maine

This is a model of a baggage wagon used on a narrow-gauge railroad. The prototype can be found at the Boothbay Railway Museum in Boothbay, Maine. The wagon's low-slung characteristics help fit it to the low-sided openings of narrow-gauge rolling stock.

## Construction

Make the side beams and cut the deck pieces from scribed wood. Seal these with clear lacquer. When dry, paint the side beams green. Leave the deck natural. When dry, fit and glue the deck between the side beams. Now add the  $\frac{1}{16}$ " x  $\frac{1}{8}$ " braces to the bottom of the deck (see bottom view).

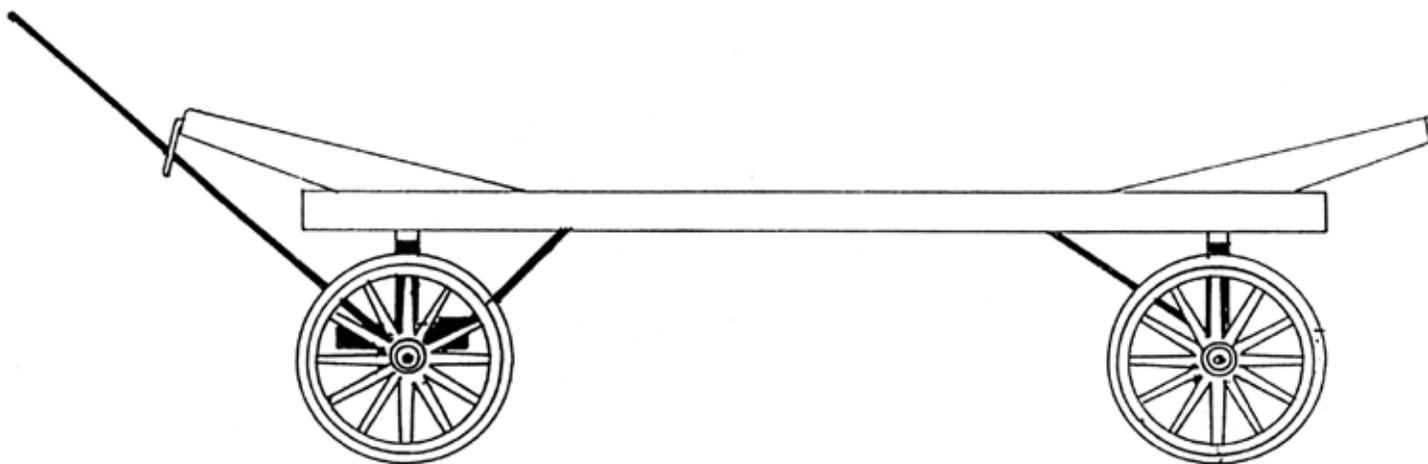
Make the front and rear axle assemblies. If you will be handling this wagon, join the metal-to-metal parts with solder. Otherwise, use CA cement. Fit and glue the axle assemblies firmly in place. Now paint the assemblies green.

Make up the laser-cut wheels according to the instructions supplied with them. When finished, seal the wheels with clear lacquer. Then dry, paint the wheels red and fit them to the  $\frac{3}{32}$ "-diameter axles.

This is an online supplement to the June 2008 issue of *Garden Railways* magazine. To purchase previously published paper plans, see the list of those available at [www.side-street.info](http://www.side-street.info)

A kit for the Baggage Wagon (#291) is available from Northeast Narrow Gauge for \$20 + \$4 s&h (to the US). Laser-cut wheels will be available until the August 2008 issue of *GR* comes out for \$10 + \$3 s&h. Order from Northeast Narrow Gauge, PO Box 191, Wiscasset ME 04578. Web site: [www.nemodel.com](http://www.nemodel.com)

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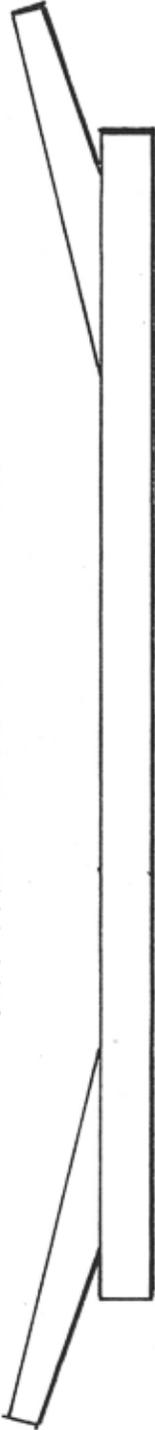


## Are you working in a different scale?

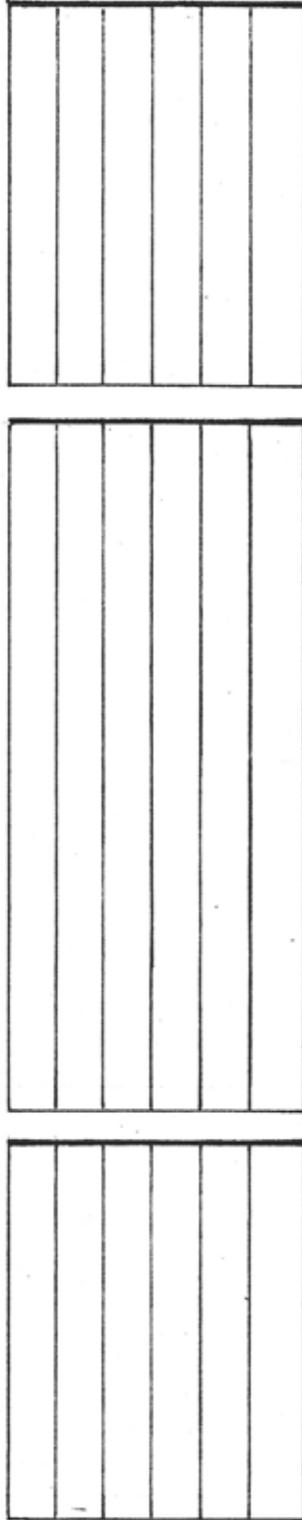
- If you are working in 1:32 scale, reduce these drawings to 63%.
- If you are working in 1:29 scale, reduce these drawings to 70%.
- If you are working in 1:24 scale, reduce these drawings to 85%.
- If you are working in 1:22.5 scale, reduce these drawings to 90%.
- If you are working in 16mm scale, enlarge these drawings to 107%.
- If you are working in 1:13.7 ( $\frac{7}{8}$ " scale), enlarge these drawings to 148%.

## Baggage wagon

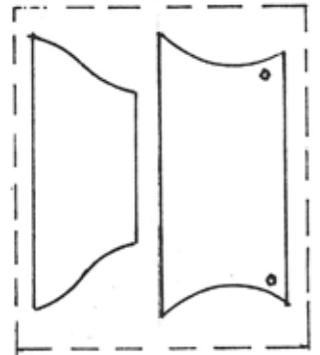
**Side beam** - Make 2 from  $\frac{1}{8}$ " x  $\frac{1}{4}$ " stock



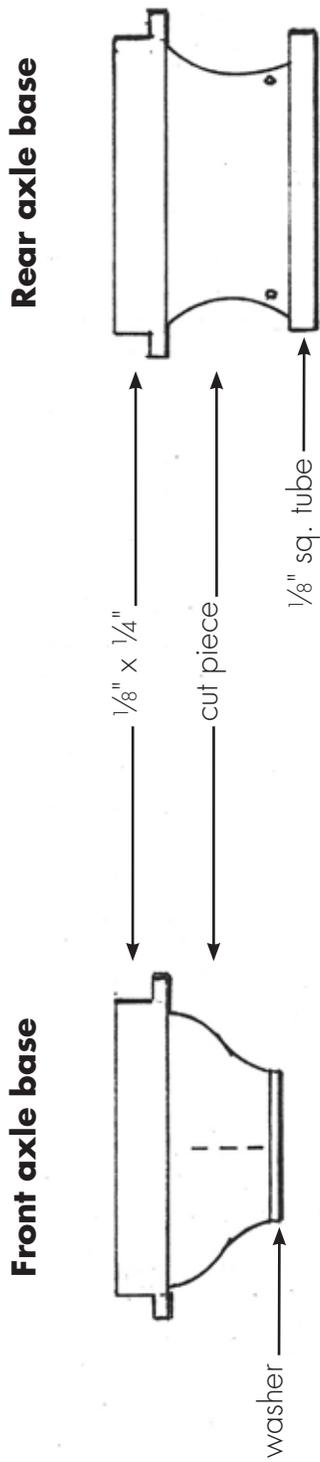
**Deck** - Cut from  $\frac{1}{16}$ " thick x  $\frac{1}{4}$ " space scribed wood



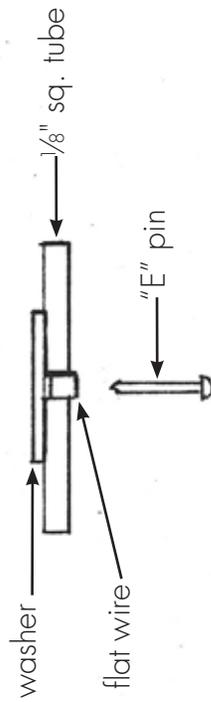
Cut from  $\frac{1}{8}$ " thick balsa



side view



Front axle  
Front view



Front axle  
Bottom view



Handle - .03" dia. wire

