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D3D-06-CF Carriage Bogie

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4mm scale

Introduction

Contents of this kit

1. **Plastic Parts**

Components are included for *one bogie unit*. The Plastic parts are 3D printed in PLA (carbon fibre) which is recyclable. Note: The supplied parts may differ slightly from the illustrations and are in a random colour.

Description

Product label



1

Brake units

Bogie frames

Overlay



Not included

Adhesive, craft knife, Clamps or other tools.
Paint and filler.
Wheels, wheel bearings, Buffers, couplings etc.

Intended Audience

*This kit is intended to reduce the time, complication and labour associated with the construction of a model of a railway vehicle. This is not a complete kit of parts. The choice of wheels, and other fittings is left to the modeller. A suitable wheelset is **D3D-02 Mansell Wheels (4 axles)***

Copyright Statement

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Current Documents

The current version of documentation for this and any other of our products can be downloaded from www.Diagram3D.com in PDF format.

Feedback

We welcome your comments and suggestions, and images of models "in progress" or completed.



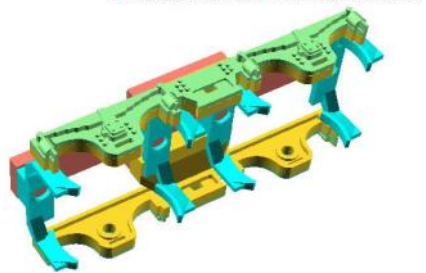
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Assembly

There is one unit. It is assembled as depicted below.

- 1) Select the chassis base depicted in the diagram below in light red.
- 2) Select two frames, depicted in yellow below. Plug the bogie frames into the chassis , Final attachment can be made by using an adhesive. Once the frames are firmly attached, select four brake shoes, depicted in light blue below, and attach them to the remaining mounting points as shown. **Take care that the brake blocks face towards the wheels.**
- 3) Attach the detail panels, depicted in light green below, to the outside of the bogie.

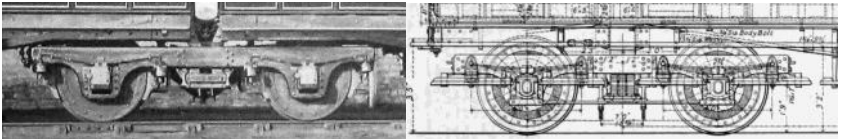


Fitting

These bogie units fit between the solebars of our kits. Our kits have a location hole for the units. The minimum radius (for our kits) is approximately 440 mm. Attachment is made using a suitable screw, M3 or similar through the center of the bogie into the body of the coach.

Historical Notes

These bogies were used by many companies. This model represents a typical 8ft bogies These bogies existed in many length variations. The following image is taken from a photograph of GNR articulated stock in the early 1900's.



An example drawing of a seven foot wheelbase bogie is shown above with footboards attached to the bogie. These were frequently found on older vehicles.

Finally...

Congratulations on completing this kit. We hope you enjoyed making it as much as we did.. If you enjoyed making this kit then take time to visit www.Diagram3D.com to find similar items.

Our website has many more products to enjoy, free historical information, and current assembly instructions for our products

Email: info@Diagram3D.com E&OE, updated August 2024