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RAILINFRASTRUCTURE CORPORATION

Discipline
Rolling Stock Engineering Standard

Category
Maintenance

Title
INSTALLATION OF BOGIES UNDER FREIGHT VEHICLES

Reference Number
RSS 0044

Version
1.0

Date of Issue
January 2004

Status
Approved



Copy No:

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About This Standard

This standard is based on the TRS 1757

Version History

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January 2004

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Table of Contents

About This Standard	3
Version History	3
1 Scope	7
2 Description	7
3 Referenced Documents	8
3.1 RIC Standards	8

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1 Scope

This standard details the installation requirements for bogies under wagons

2 Description

Bogies to be installed under a wagon shall be compatible with that wagon.

Refer to RSS 0031 for correct bogie/wagon combinations.

The bogie wheel diameters shall be checked so that they comply with the other bogie in the vehicle in accordance with RSS 0031.

Before fitting beneath the vehicle, the brakes on the bogie shall be regulated in accordance with RSS 0042.

The handing of the bogie should be as required for the wagon. For identification of which hand the bogie is, see RSS 42

The vehicle and bogie sidebearer setup heights shall be in accordance with RSS 0040 and RSS 0041

The bogie centre liner shall be installed correctly and the centre pin shall be in position.

Bolster should be centrally located within the gib openings. Any items used to keep the bolster in this location during transport should be removed.

The wagon shall be lowered onto the bogie ensuring that the centre pin engages in the wagon and that no damage is caused to the bogie or vehicle components.

The vehicle pullrods shall be connected in accordance with RSS 0063 for brakegear security and the application of split pins.

With the vehicle sitting on the bogies the sidebearer clearances shall be in accordance with RSS 0040 and RSS 0041.

Any reused bogie shall have a WS inspection before fitting beneath the wagon.

Stencil the date fitted (MM/YY) in 40 mm high white lettering on the bogie next to the WS initials which should already be located on the bogie.

Stamp the same date on the bogie history plates, if fitted, which are welded to each bolster or frame. The stamping shall be 10mm high placed within 5 mm to the top of the plate. Subsequent stamping shall be placed from 5 to 10 mm below the last stamping.

Fit and/or adjust the automatic load compensating valve, if required, in accordance with RSS 0060.

Conduct a single car air test in accordance with RSS 0061.

3 Referenced Documents

3.1 RIC Standards

RSS 0031	Wheel & Axle Reference Manual
RSS 0040	Inspection of Freight Bogies
RSS 0041	Bogie DI
RSS 0042	Overhaul of Three Piece Bogies
RSS 0060	Air Brake Maintenance
RSS 0061	Single Car Air Test
RSS 0063	Security of Brake Gear