

FRONZ / ONTRACK
APPROVED CODE OF PRACTISE
FOR
HERITAGE NETWORK OPERATORS

Mechanical Supplementary Code
B3.1.2.02
Car Gangways

Issue	Prepared (P), Reviewed (R), Amended (A)	Approved by	Effective Date
1	P McCallum (P)	Heritage Technical Committee	27 June 2006

Reference Material

Source	Description	Date
NZ Railways	Mechanical Branch Code No 58, Issue 4	15/7/1977

**The holder of printed or duplicated copies of this document is
responsible for ensuring they are using the latest version.**

Amendment History

Version	Section	Amendment

Car Gangways

1 Introduction

This Supplementary Code relates to:-
B3.1.1.01 - Mechanical Code Of Practice, Section 3.5.1 (i)

It contains:-

- NZ Railways Mechanical Branch B3.1.2.02 NZR Code 58 - Car Gangways; Issue 4 of 15/7/1977

which contains information relevant to carriage gangways. Operators are to use those sections that are relevant to their operation.

NEW ZEALAND GOVERNMENT RAILWAYS MECHANICAL BRANCH	CAR GANGWAYS	CODE No. 58
		Issue No 4 Date Issued 15/7/77

1. APPLICATION

Gangways shall be applied to cars and brake-vans in service as follows:-

(a) Standard Gangways, B.P. Y6109 - Type "X" -

Dimensions: 1028.7 mm from hinge to end of gangway by 609.6 mm wide.

Standard Coupler on Each Car -

May be coupled from-

Recessed-end cars
Recessed-end cars
Platform cars
Platform cars

Standard Coupler Connected to Auto-Coupler

Recessed-end cars }
Platform cars }

To

Recessed-end cars
Platform cars
Platform cars
Recessed-end cars

Recessed-end cars

(b) Gangways to B.P. Y35193 - Type "Y" -

Dimensions: 876.3 mm from hinge to end of gangway by 660.4 mm wide.

Standard Coupler on Each Car -

May be coupled from-

Recessed-end cars
Recessed-end cars

To

Recessed-end cars
Platform cars

(c) Gangways to B.P. Y35203 - Type "Z" -

Dimensions: 850.9 mm from hinge to end of gangway by 609.6 mm wide.

Standard Coupler connected to Auto-coupler -

May be coupled from-

Recessed-end cars
Platform cars

To

Vestibule Cars
Vestibule Cars

(d) A special gangway arrangement which consists of a type "Z" gangway **bolted** in position is provided on the cars and vans in the left-hand column below:-

May be coupled from-

N.I. 17 m brake vans-end opposite handbrake

To

Platform cars
Recessed-end cars
Vestibule Cars

(e) Gangways on Brake-Vans -

Gangways are to be applied to brake-vans (platform end, recessed end or vestibule types) as set down in sub-clause 1 (a), 1 (b) and 1 (c) for cars, with the following exception; the recessed end of wooden brake-vans will be treated the same as the platform end for coupling purposes.

Cars: Each car except those in Clause 4 must be equipped with a gangway which should, where possible, be placed on the end of the car opposite to the draw hook. When car platforms of adjacent cars are not of the same height, the gangway must be placed on the higher car.

(f) Van Gangway B.P. Y36006 - Type "W" -

Dimensions: 965.2 mm from hinge to end of gangway by 508 mm wide.

A number of vans in goods service carry, or can be fitted with, a special gangway

arrangement at the platform end, which consists of a Type "W" gangway locked in position.

The Vans are –

17 m Vans 590, 591, 593, 595, 597, 599, 600 602-605.

*17 m Vans 579-581, 584 (locked gangway each end).

15 m Vans 690-745.

9 m Vans 625-641, 656-662, 675-689.

9 m Vans 611-623, 642, 655, 663, 673 (when fitted with platform doors).

These vans may be coupled to platform cars, recessed-end cars, vestibule cars, except those listed in Clause 4. They are not to be coupled to each other with platform ends facing if through access is required as no gangway connections are provided.

***Note:** These Vans are not to be coupled to each other.

2. BRANDING

The type symbol must be stenciled clearly with white paint on the outside of both flanges on all gangways, by the Car and Wagon Staff, the Car and Wagon Inspectors will be responsible for maintaining the legibility of the brands on all gangways located in their districts.

The type symbols are as follows:-

Gangways to B.P. Y36006	- Type "W"
Gangways to B.P. Y6109	- Type "X"
Gangways to B.P. Y35193	- Type "Y"
Gangways to B.P. Y35203	- Type "Z"

3. REPAIRS

Gangways must be repaired when vehicles are shopped for repairs and Car and Wagon Inspectors, in conjunction with the Traffic Branch, will arrange the necessary repairs to gangways as defects occur in service.

4. CABS AND BRAKE-VANS THAT MUST NOT BE COUPLED

As no gangway arrangement has been provided, the following combinations must not be coupled:-

Coupled from-	To
N.I. 17m brake vans 17 m Vans 579-581, 585 - end opposite handbrake	N.I. 17m brake vans } 17 m Vans 579-581, 585 - end opposite handbrake

Cars in Special Service –

These cars must **NOT** be coupled to other passenger stock, except for service requirements, as no gangway connection is provided –

"Silver Star"

"Northerner" (floor height approx. 75 mm higher)

"Southerner" } These cars will couple to each using the special gangway provided for inter-car access.

"Endeavour" }
"Class Ac" (articulated cars)

Note: The Auto-Coupler will not mate with the Standard Alliance coupling.

Vans in Special Services –

With the exception of vans allocated to "Southerner" and "Endeavour" services, which may interchange, the vans on special services are NOT to be coupled to other stock, except for service requirements, as no gangway connection is provided –

"Northerner" Vans 592, 596, 598

"Southerner" Vans 606, 608, 609 } may interchange

"Endeavour" Vans 594, 610 }

GENERAL

Owing to the handbrake wheels on 14.5 m platform cars and vans fouling end plates on vestibule cars, these vehicles must not run together unless the handbrake has been altered to a sloping position.

When vestibule cars are coupled to other types of car short telescopic handrails (B.P. Z/X27069/1) must be used.