

1 June 2013 (WoF and CoF)

Reasons for rejection

Mandatory equipment

1. A rigid vehicle (Note 1) with a GVM of 3500kg or less exceeds the dimension requirements set out in Table 2-2-1 and is not:
 - a) a specialist overdimension vehicle (Note 3), or
 - b) a vehicle designed primarily to transport an overdimension load, or
 - c) a vehicle operating on a valid permit, exemption or approval.
2. A rigid vehicle that exceeds the dimensions set out in Table 2-2-1 is not fitted with the appropriate hazard warning equipment set out in Table 2-2-2.
3. A required beacon cannot be activated and deactivated.

Note 1

A **rigid vehicle** means a vehicle with motive power, driver's position and steering system, that does not have any pivot points to allow any part of the vehicle chassis to move or rotate in relation to any other part of the vehicle chassis, but includes a pivot steer vehicle.

Section	Change description
Introduction	
3-3 Establishing whether the vehicle requires a WoF or CoF	<ul style="list-style-type: none"> • Relevant changes to the list of vehicles to identify when agricultural vehicles and other tractors and machines need a WoF.
3-4 Establishing whether the vehicle may be inspected for a WoF or CoF	<ul style="list-style-type: none"> • Added agricultural tractors, and made changes for other tractors and machines, to the list of vehicles that do not require entry certification.
7 Definitions and abbreviations	<ul style="list-style-type: none"> • New definitions: Agricultural motor vehicle, agricultural purpose, agricultural tractor • Changed definition: Agricultural trailer.
Section	Change description
General vehicles	
2-2 Dimensions	<ul style="list-style-type: none"> • Added alternative hazard warning panels for over-dimension vehicles • Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.
Section	Change description
Heavy vehicles	
2-2 Dimensions	<ul style="list-style-type: none"> • Added alternative hazard warning panels for over-dimension vehicles • Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.
12-6 Tractor towing connections	<ul style="list-style-type: none"> • Deleted, tractors previously on a CoF are now covered in the tractor section (on WoF).

Section	Change description
Light PSVs	
<u>2-2 Dimensions</u>	<ul style="list-style-type: none"> • Added alternative hazard warning panels for over-dimension vehicles • Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.
Section	Change description
Heavy PSVs	
<u>2-2 Dimensions</u>	<ul style="list-style-type: none"> • Added alternative hazard warning panels for over-dimension vehicles • Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.
Section	Change description
General trailers	
<u>2-2 Dimensions</u>	<ul style="list-style-type: none"> • Added alternative hazard warning panels for over-dimension vehicles • Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.
Section	Change description
Heavy trailers	
<u>2-2 Dimensions</u>	<ul style="list-style-type: none"> • Added alternative hazard warning panels for over-dimension vehicles • Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.
<u>8-5 Agricultural towing connections</u>	<ul style="list-style-type: none"> • Requirements relating to safety chains have been simplified in line with the rule changes.

Section	Change description
Forklifts	
<u>2-2 Dimensions</u>	<ul style="list-style-type: none">• Added alternative hazard warning panels for over-dimension vehicles• Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.

Section	Change description
Tractors	
<u>Introduction</u>	<ul style="list-style-type: none"> • This page has been re-written and now contains a new set of requirements and how they apply to different tractors and machines. There will be four types: <ul style="list-style-type: none"> ○ Agricultural tractors ○ Non-Agricultural tractors ○ Agricultural machines ○ Non-agricultural land management and roading machines.
<u>2-2 Dimensions</u>	<ul style="list-style-type: none"> • New definitions: Agricultural motor vehicle, agricultural purposes, agricultural tractor • Note 3 added about hazard warning panel requirements • Table 2-2-1 and Figure 2-2-4: for front overhang, there is an increase from 3m to 4m for agricultural motor vehicles, 3m remains for all other vehicles. • . Table 2-2-2 and Figures 2-2-1 and 2-2-2 updated to include an alternative set of hazard warning panels, and, for agricultural vehicles, an alternative to panels by allowing excess front overhang to be painted with high-visibility paint • Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.
4-2 Front and rear fog lamps	Deleted
4-3 Cornering lamps	Deleted
4-4 Daytime running lamps	Deleted
4-9 End-outline marker lamps	Deleted
4-11 High-mounted stop lamps	Deleted
4-14 Reversing lamps	Deleted

Section	Change description
4-15 Cosmetic lamps	Deleted
<u>5-1 Glazing</u>	<ul style="list-style-type: none"> • Simplified requirements by removing VLT requirements, Table 5-1-1 about permitted modifications, and unnecessary definitions and notes.
7-3 Head restraints	Deleted
7-7 Interior impact	Deleted
<u>8-1 Service brake and park brake</u>	<ul style="list-style-type: none"> • Removed reasons for rejection relating to vacuum hose or pipe and brake vacuum servo (under service brake condition).
<u>10-1 Tyres and wheels</u>	<ul style="list-style-type: none"> • Mandatory equipment tyre requirements simplified.
<u>11-2 Visible exhaust smoke</u>	<ul style="list-style-type: none"> • Performance requirements simplified • Rapid acceleration test description reworked.
<u>12-1 Towing connections</u>	<ul style="list-style-type: none"> • Some requirements have been reworded to align with the rule changes, mostly relating to safety chain attachment points and coupling pins.
13-1 Engine and transmission	Deleted
13-3 LPG/CNG fuel system	Deleted
Section	Change description
Unclassified vehicles	
<u>2-2 Dimensions</u>	<ul style="list-style-type: none"> • Added alternative hazard warning panels for over-dimension vehicles • Clarify that hazard warning panels must be fitted as close as practical to the outside edge of the vehicle.

Note 2

The **rear axis of a vehicle** means:

- if the vehicle is fitted with one rear axle: that axle
- if the vehicle is fitted with a set of two axles: midway between those two axles if each axle has an equal number of tyres on it, or two-thirds of the distance from the lesser-tyred axle towards the greater-tyred axle, if one axle has twice as many tyres on it as the other axle.

Note 3

Specialist overdimension vehicle means a vehicle of which the primary purpose is to carry out a specialist function that requires overdimension equipment, is not primarily designed to transport overdimension or overweight loads, and the dismantling of the equipment would make it unusable for its intended purpose, or it would take more than four hours to dismantle the equipment. Additional operational requirements may apply, eg if operated at night.

Table 2-2-1. Dimension requirements (see Figure 2-2-1)

Dimension	Maximum distance	Comments
Width	2.55m 1.275m from each side of the longitudinal centreline	Measurement does not include: <ul style="list-style-type: none"> • collapsible mirrors which extend no more than 240mm from the side and 1.49m when measured from the vehicle's longitudinal centre line • direction indicators and side-marker lamps • cab exterior grab rails that extend no more than 50mm from the side of the vehicle • the bulge towards the bottom of a tyre • cameras or close-proximity monitoring systems mounted on the side exterior of a vehicle that extends not more than 70mm from the side wall of the vehicle • devices for improving the aerodynamic performance of a vehicle that extend not more than 25mm from either side of a vehicle.
Overall length	12.6m (no tow coupling fitted) 11.5m (tow coupling fitted)	Measurement does not include collapsible mirrors.
Height	4.3m	
Forward distance	9.5m (no tow coupling fitted) 8.5m (including tow coupling if fitted)	Forward distance is measured from the rear axis (Note 2) to the front of the vehicle or its load whichever is foremost. Measurement does not include collapsible mirrors.
Rear overhang	4m	Rear overhang is measured from the rear axis (Note 2) to the rear of the vehicle or its load whichever is the greater.
Front overhang	3m	Front overhang is measured from the front edge of the driver's seat in the rearmost position to the front of the vehicle.

Dimension	Maximum distance	Comments
Articulated vehicle point of attachment	No further rearward than the centre of the rear axle (where the rear axle consists of only one axle) No further than 300mm rearward of the rear axis (where the rear axle set consists of more than one axle)	Example: Fifth wheel fitted to a truck to tow a semi-trailer caravan

Table 2-2-2. Hazard warning equipment requirements (see Figure 2-2-4 for vehicle category thresholds)

Vehicle category (see Figure 2-2-4)	Dimension	Limits (up to and including)	Required hazard warning equipment
Category 1	Width/forward distance	2.55m /11.4m, or 3.1m/10.5m, or 3.7m/8.5m, or	Flags ¹ or panels ² fitted on each side at the front and rear as close as practical to the outside edge
	Length	25m, or	
	Front overhang	7m, or	
	Rear overhang	7m	
Category 2 (not including category 1)	Width/forward distance	2.55m /13.3m, or 4.5m/8.5m, or	<ol style="list-style-type: none"> 1. Panels² fitted on each side at the front and rear as close as practical to the outside edge 2. OVERSIZE sign³ fitted at the front and rear if more than 3.1m wide 3. Revolving amber beacon fitted so that it is visible to approaching traffic if the vehicle is more than 3.7m wide
	Length	35m, or	
	Front overhang	10m, or	
	Rear overhang	10m	
Category 3 (not including category 2)	Width/forward distance	2.55m /20m 5m/20m 5m/8.5m	<ol style="list-style-type: none"> 1. Panels² fitted on each side at the front and rear as close as practical to the outside edge 2. OVERSIZE sign³ fitted at the front and rear 3. Revolving amber beacon fitted so that it is visible to approaching traffic if the vehicle is more than 3.7m wide
	Front overhang	10m, or	
	Rear overhang	10m	

Vehicle category (see Figure 2-2-4)	Dimension	Limits (up to and including)	Required hazard warning equipment
Category 4A (not including category 3)	Width/forward distance	11m/20m 11m/8.5m	1. Panels ² fitted on each side at the front and rear as close as practical to the outside edge 2. OVERSIZE sign ³ fitted at the front and rear 3. Revolving amber beacon fitted so that it is visible to approaching traffic if the vehicle is more than 3.7m wide
	Front overhang	10m, or	
	Rear overhang	10m	
Category 4B	Exceeding any limit in Category 4A		1. Panels ² fitted on each side at the front and rear as close as practical to the outside edge 2. OVERSIZE sign ³ fitted at the front and rear 3. Revolving amber beacon fitted so that it is visible to approaching traffic if the vehicle is more than 3.7m wide

¹ Flags:

- must be fluorescent yellow
- must be at least 400mm long x 300mm wide.

² Hazard warning panels:

- must be reflective yellow-green with a reflective orange diagonal stripe
- comply with AS/NZS 1906.1:2007
- be frangible for those portions which extend beyond the vehicle's limits (frangible means breakable or readily deformable)
- must be of at least the minimum dimensions and the colours specified in Figure 2-2-2.

³ OVERSIZE sign:

- must be black lettering on a yellow-green background
- must be at least 300mm x 1100mm in size
- be frangible if any part of the sign extends beyond the body or load of the vehicle, whichever it is attached to (frangible means breakable or readily deformable)
- may be in two parts: OVER and SIZE.

Figure 2-2-1. Dimension requirements

(Note: Dimensions in red updated in VDAM 2016)

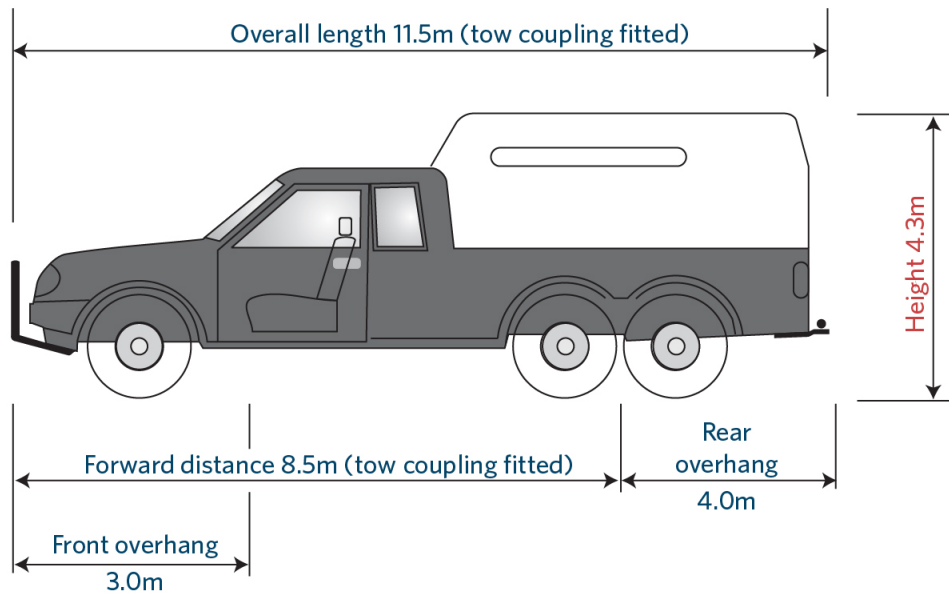
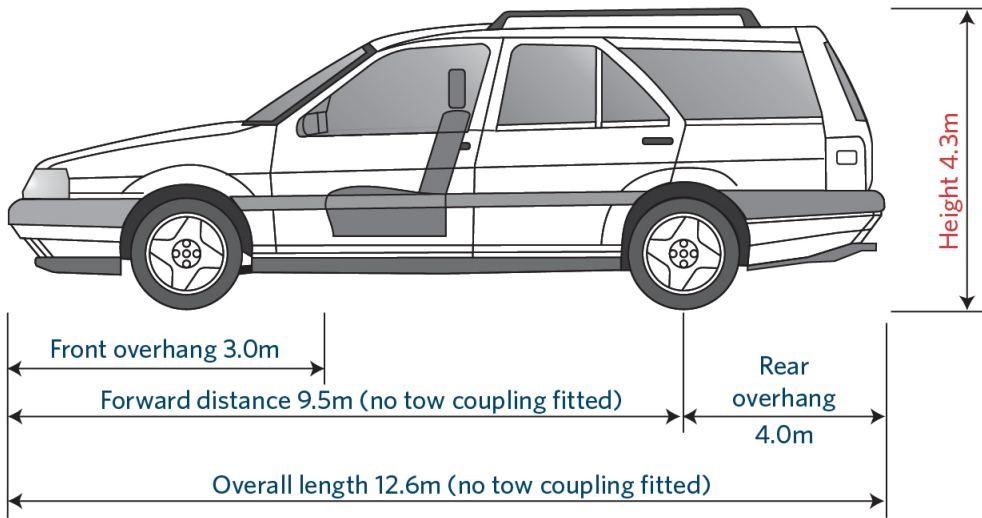
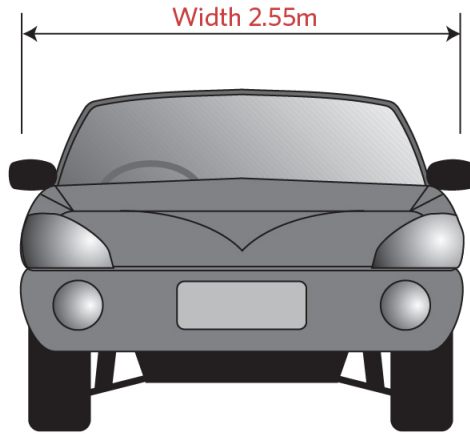
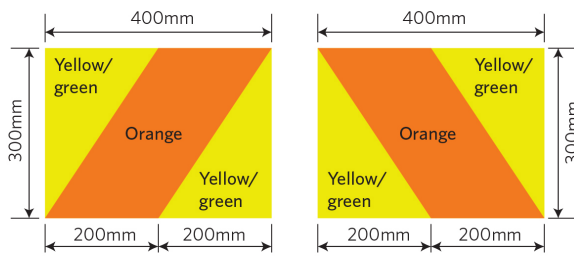
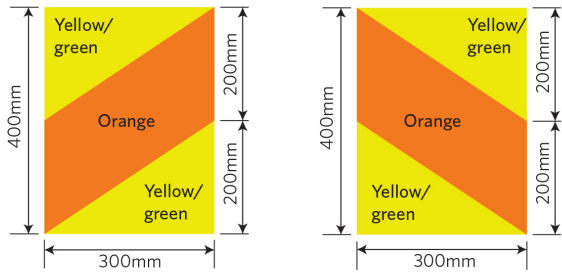


Figure 2-2-6. Hazard panel details

Display these panels



or these panels



or these panels

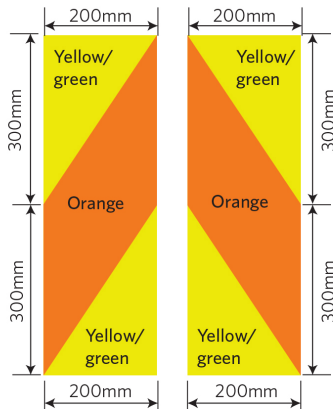


Figure 2-2-3. Hazard panel location and orientation

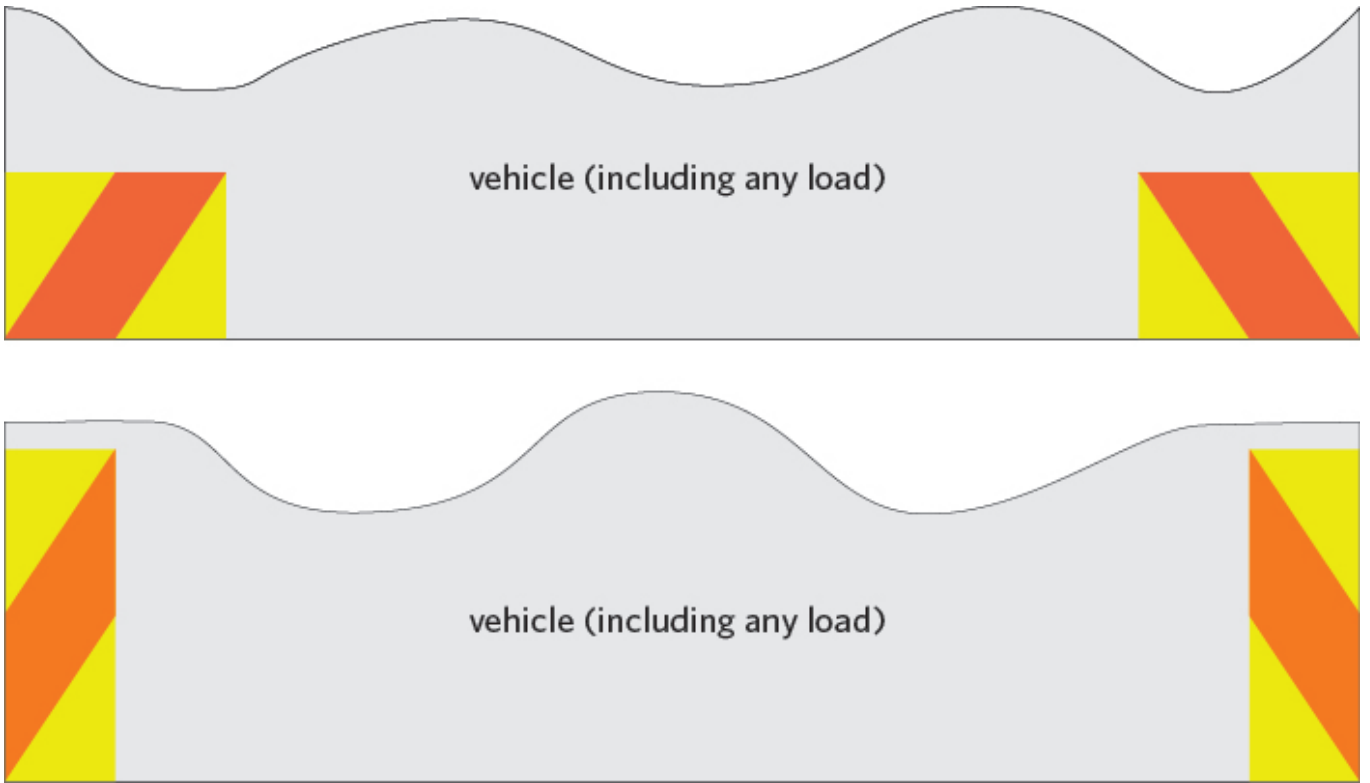
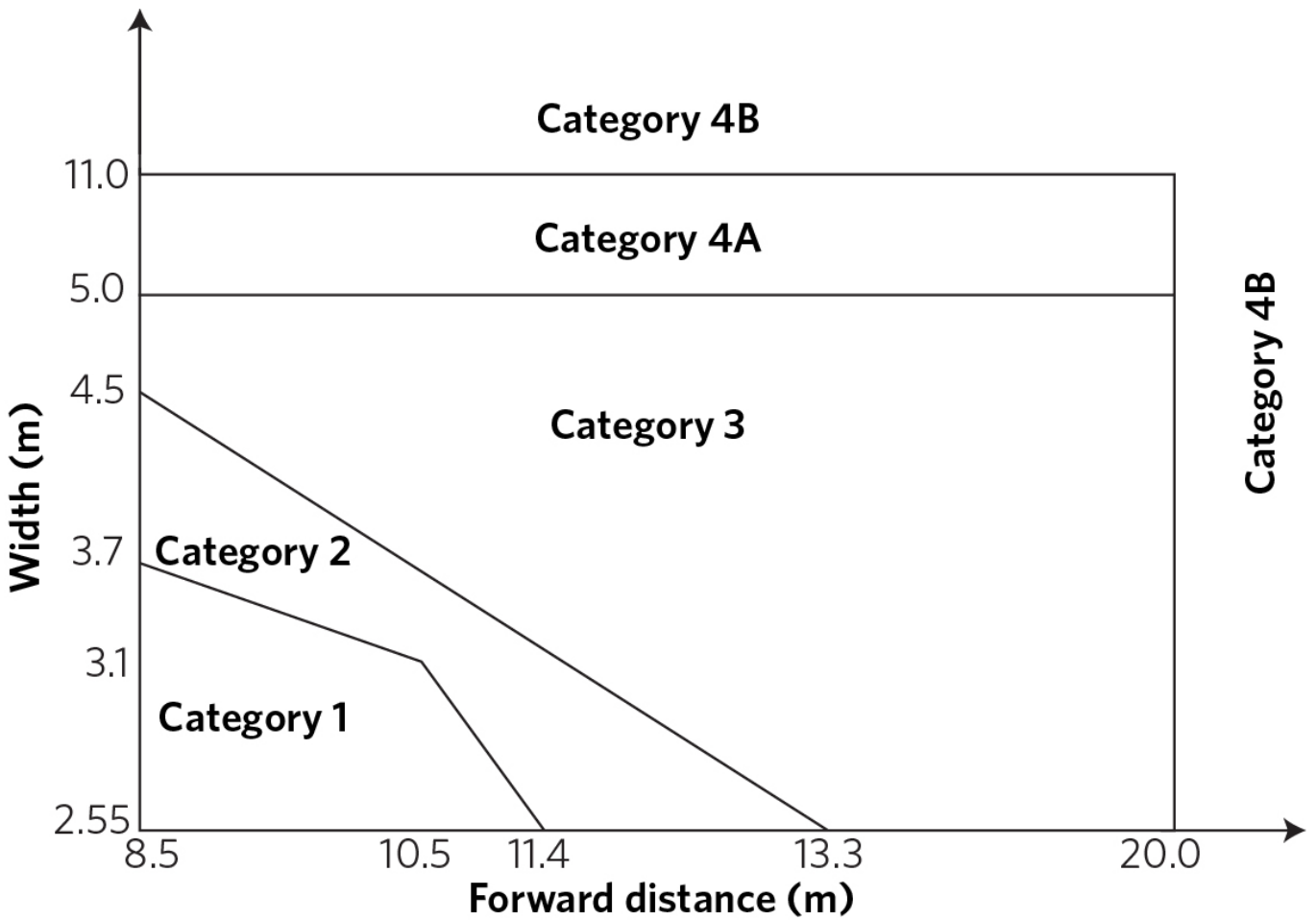


Figure 2-2-4. Vehicle categories and width/forward-distance thresholds



Use this figure to determine vehicle category in Table 2-2-2.

For the purposes of this figure, vehicles with a width less than 2.55m are deemed to have a width of 2.55m and vehicles with a forward distance of less than 8.5m are deemed to have a forward distance of 8.5m.

Summary of legislation

Applicable legislation

- [Land Transport Rule: Vehicle Dimensions and Mass 2016](#).

Mandatory equipment

1. A rigid vehicle, or an articulated bus, with a GVM of 3500kg or less that exceeds the dimensions in Table 2-2-1 must meet the requirements in Table 2-2-2.
2. A vehicle may exceed the dimensions in Table 2-2-3 only if it is:
 - a) a specialist overdimension vehicle (Note 3), or
 - b) a vehicle designed primarily to transport overdimension loads, or
 - c) a vehicle operating on a valid permit, exemption or approval.

VIRM: In-service certification (WoF and CoF) update – effective 1 June 2013

List of changes

To view the page, click on the link in the section column.