
VIRM: In-service certification amendment 1 December 2016

November 2016

List of changes and preview pages (WoF only)

In this amendment

General changes

- European Community Whole Vehicle Type Approval accepted for modified light vehicles
- Some LVV certification not required if there's a secondary certification plate or label in a campervan/motorhome
- Exceptions to the 25 inspections per year rule added
- European Community Whole Vehicle Type Approval accepted for modified light vehicles
- Side marker lamps OK on light vehicles if OE on a production vehicle
- Airbag deterioration clarification
- New section and amended sections to include wiring and batteries, inclusive of hybrid and electric vehicles.

Land Transport Rule: Omnibus Rule 2016

- Changes across the lighting section allowing deactivation of optional lighting equipment rather than requiring removal if the equipment does not meet applicable safety requirements
- Remove unnecessary requirement to fit high mounted stop lamps to vehicle registered before 1/1/1990.

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LIST OF CHANGES

Note that links below go to the current VIRM pages.

To view the changes see the [Preview pages](#) following the table below.

LVV changes

The acceptance of European Whole of Vehicle Type Approval for modification on light vehicles impact across too many sections to list here. However, the change can be seen with the usual yellow highlight and text similar to the following:

(Reject the vehicle if...) "the vehicle has not been certified to an accepted overseas system as described in [Technical bulletin 13](#)"

[Technical bulletin 13](#) can be found towards the end of this document.

SECTION	CHANGE DESCRIPTION
Introduction	
1-5 Inspection premises and equipment	<ul style="list-style-type: none"> 5.3 Inspection site requirements, underbody examinations row: 'other equipment enabling adequate inspection of the underbody of the vehicle' added.
6 Appointments	<ul style="list-style-type: none"> 6.1.4 Requirements to retain appointment – exceptions to the 25 inspections per year requirement added
General vehicles	
3-1 Structure	<ul style="list-style-type: none"> Added to Table 3-1-1, Campervan conversion row, LVV certification not required if there's a secondary certification plate or label.
4-2 Front and rear fog lamps	<ul style="list-style-type: none"> Note 5 amended: A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.
4-3 Cornering lamps	<ul style="list-style-type: none"> Note 4 amended: A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.
4-4 Daytime running lamps	<ul style="list-style-type: none"> Note 3 amended: A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.
4-8 Side marker lamps	<ul style="list-style-type: none"> Added to Rfr 2 and Sol 2: ' unless the vehicle is a production vehicle and the lamp is fitted as original equipment by the vehicle manufacturer'
4-11 High mounted stop lamps	<ul style="list-style-type: none"> Rfr 1, Sol 1: "in New Zealand" deleted; "or manufactured" added
7-6 Frontal impact airbags	<ul style="list-style-type: none"> Rfr 4b: clarifies that deterioration does not include deterioration of

	the dash surface due to the effects of sunlight
13-5 Electric and hybrid vehicle electrical system	<ul style="list-style-type: none"> New section for hybrid and electric vehicles
Motorcycles	
4-2 Front and rear fog lamps	<ul style="list-style-type: none"> Note 5 amended: A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.
4-3 Cornering lamps	<ul style="list-style-type: none"> Note 3 amended: A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.
4-4 Daytime running lamps	<ul style="list-style-type: none"> Note 3 amended: A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.
Technical bulletins (general)	
13 Accepted overseas modifications	<ul style="list-style-type: none"> List of accepted overseas modifications and how to recognise them
Forklifts	
4-2 Front and rear fog lamps	<ul style="list-style-type: none"> Note 5 added: A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.
Unclassified vehicles	
4-2 Front and rear fog lamps	<ul style="list-style-type: none"> Note 5 added: A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.

PREVIEW PAGES

Introduction

1-5 inspection premises and equipment

5. 3 Inspection site requirements

Underbody examination, including running gear	Ability to carry out inspection of the underside of the vehicle, including structure, running gear, steering, brake systems and suspension by means of a pit, hoist, fixed ramp, or other equipment enabling adequate inspection of the underbody of the vehicle.	<p>Examples:</p> <ul style="list-style-type: none"> • Four-post vehicle hoist and industrial-quality trolley jack. • Inspection pit with in-pit jack. • Two-post hoist with a method of completing laden steering test. • Inspection pit and industrial-quality trolley jack. • Four-post vehicle hoist with built-in jacking mechanism. • Fixed ramp and industrial-quality trolley jack. • Motorcycle jack/stand <p>Note: Axle stands and creepers will not be approved for use as part of the vehicle inspection of standard vehicles unless specifically for use at a specified site.</p> <p>Steel test bar or similar for steering and suspension, or a steering or suspension test machine.</p>
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6 Appointments

6.1.4 Requirements to retain appointment

Vehicle inspectors are appointed for a three year term. (**Note:** The three year term commences from the date of appointment for all new vehicle inspectors appointed on or after December 1 2014. For vehicle inspectors appointed prior to December 1 2014 the three year re-appointment process commences from the day they sign up to and agree to the new **NZ Transport Agency Vehicle Inspector Code of Conduct**).

To maintain appointment, a vehicle inspector must carry out a minimum total of 25 vehicle inspections per 12-month period, including at least one in each of the following categories for which they are appointed:

- WoF
- CoF (light vehicles)
- CoF (heavy vehicles).

Note: The total of 25 inspections per year requirement commences from the date of appointment for all new vehicle inspectors appointed on or after December 1 2014. For vehicle inspectors appointed prior to December 1 2014 the minimum of 25 inspections per year commences from the day the vehicle inspectors signs up to and agrees to the **NZ Transport Agency Vehicle Inspector Code of Conduct**. Exceptions can be made. This must be approved in writing by the Transport Agency. These include, but are not limited to, a NZ Police CVIU Vehicle Safety Officer or NZ Defence Force Inspectors not issuing due to overseas posting.

General vehicles

3-1 Structure

Reasons for rejection	Tables and images	Summary of legislation
Table 3-1-1. Modifications that do not require LVV certification		
Campervan conversions	<ul style="list-style-type: none"> The conversion was completed before 1/3/1999, or The conversion was completed on or after 1/3/1999, and <ul style="list-style-type: none"> no modifications were carried out to the vehicle roof or rear wall, and no seats or seatbelt anchorages were retrofitted, or There is evidence of certification of the modification from the company that carried out the modification, ie a secondary certification plate or label in the case of a motorhome conversion (see Technical bulletin 13). 	

4-2 Front and rear fog lamps

Note 5

A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.

4-3 Cornering lamps

Note 4

A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be disabled so that it does not emit a light.

4-4 Daytime running lamps

Note 3

A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply or be disabled so that it does not emit a light.

4-8 Side-marker lamps

Reasons for rejection	Tables and images	Summary of legislation
2. A vehicle less than 6m in length is fitted with a side-marker lamp, unless the vehicle is a production vehicle and the lamp is fitted as original equipment by the vehicle manufacturer.		
Reasons for rejection	Tables and images	Summary of legislation
3. A light vehicle less than 6m in length must not be fitted with a side-marker lamp, unless the vehicle is a production vehicle and the lamp is fitted as original equipment by the vehicle manufacturer.		

4-11 High mounted stop lamps

Reasons for rejection	Summary of legislation
	<p>Mandatory and permitted equipment</p> <p>1. A class MA vehicle first registered or manufactured on or after 1 January 1990 is not fitted with one high-mounted stop lamp.</p>
Reasons for rejection	Summary of legislation
	<p>Mandatory and permitted equipment</p> <p>1. A class MA vehicle first registered or manufactured on or after 1 January 1990 must be fitted with one or two high-mounted stop lamps.</p>

7-6 Frontal impact airbags

Reasons for rejection	Tables and images	Summary of legislation
		<p>4. An airbag cover:</p> <ul style="list-style-type: none"> a) is damaged, or b) has deteriorated (does not include deterioration of the dash surface due to the effects of sunlight), or c) shows signs of tampering or inadequate repair.

13-5 Electric and hybrid vehicle electrical system

Reasons for rejection	Tables and images	Summary of legislation
<p>Condition (Note 1)</p> <p>1. High voltage wiring is:</p> <ul style="list-style-type: none"> a) insecure or not adequately secured b) damaged or deteriorated (including insulation) c) likely to touch: <ul style="list-style-type: none"> i. hot components of the vehicle ii. sharp edges iii. rotating parts iv. the ground. <p>2. High voltage batteries are:</p> <ul style="list-style-type: none"> a) insecure or not adequately secured b) damaged or deteriorated (including components and electrical insulation) c) leaking, or showing signs of leaking. <p>3. High voltage battery shields are damaged or not in place.</p> <p>Modification</p> <p>4. A modification affects the electrical system, and:</p> <ul style="list-style-type: none"> a) is not excluded from the requirements for specialist certification (Table 13-5-1), or b) is missing proof of specialist certification, that is: <ul style="list-style-type: none"> i. the vehicle is not fitted with a valid certification plate (eg low volume vehicle plate or heavy vehicle certification plate/label), or ii. the operator is not able to produce a valid modification declaration or authority card iii. The vehicle has not been certified to an accepted overseas system as described in Technical bulletin 13. <p>Note 1 Vehicle inspectors are only required to do a visual check. An invasive check is not required.</p>		

Reasons for rejection	Tables and images	Summary of legislation								
<p>Table 13-5-1. Modifications that do not require specialist certification</p> <table border="1"> <thead> <tr> <th style="background-color: #004a7c; color: white;">Fitting of or modification to:</th> <th style="background-color: #004a7c; color: white;">Specialist certification is not required provided that:</th> </tr> </thead> <tbody> <tr> <td>Fuel system changes and modifications</td> <td> <ul style="list-style-type: none"> • no structural modifications have occurred to the vehicle during the installation or modification. </td> </tr> <tr> <th style="background-color: #004a7c; color: white;">Fitting of or modification to:</th> <th style="background-color: #004a7c; color: white;">Specialist certification is never required:</th> </tr> <tr> <td>Any modification for the purposes of law enforcement or the provision of emergency services</td> <td> <ul style="list-style-type: none"> • in-service requirements for condition and performance must be met. </td> </tr> </tbody> </table>			Fitting of or modification to:	Specialist certification is not required provided that:	Fuel system changes and modifications	<ul style="list-style-type: none"> • no structural modifications have occurred to the vehicle during the installation or modification. 	Fitting of or modification to:	Specialist certification is never required:	Any modification for the purposes of law enforcement or the provision of emergency services	<ul style="list-style-type: none"> • in-service requirements for condition and performance must be met.
Fitting of or modification to:	Specialist certification is not required provided that:									
Fuel system changes and modifications	<ul style="list-style-type: none"> • no structural modifications have occurred to the vehicle during the installation or modification. 									
Fitting of or modification to:	Specialist certification is never required:									
Any modification for the purposes of law enforcement or the provision of emergency services	<ul style="list-style-type: none"> • in-service requirements for condition and performance must be met. 									

Reasons for rejection

Tables and images

Summary of legislation

Applicable legislation

- **Land Transport Rule: Vehicle Standards Compliance Rule 2002**, section 7.4

Condition and performance

1. The vehicle must be safe to be operated.
2. The components and materials must be fit for their purpose and within safe tolerance of their state when manufactured or modified.

Modifications

3. A modification that affects the electrical system must be inspected and certified by an LVV specialist certifier, unless the vehicle:
 - a) is excluded from the requirement for LVV specialist certification (**Table 13-5-1**), and
 - b) has been inspected in accordance with the requirements in this manual, including those for equipment, condition and performance.

Motorcycles

4-2 Front and rear fog lamps

Note 5

A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.

4-3 Cornering lamps

Note 3

A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.

4-4 Daytime running lamps

Note 3

A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.

Technical bulletins (general)

13 Acceptable overseas proof of modification

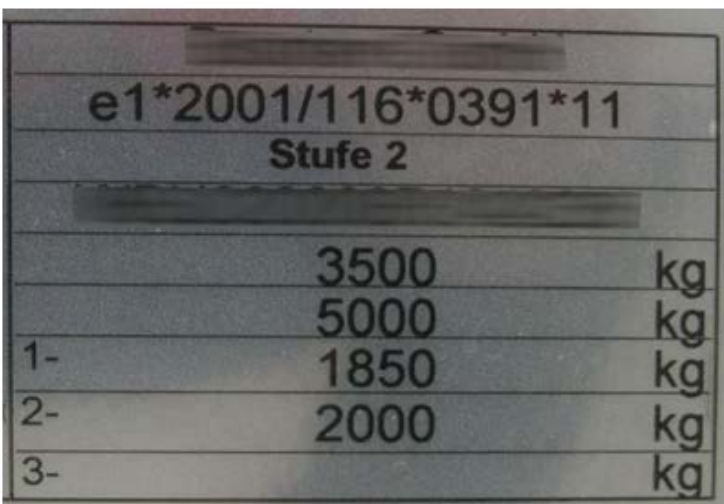
Information

The table below lists the overseas certifications that are accepted in addition to New Zealand's low volume vehicle certification system.

Acceptable overseas certifications	Specific evidence
European Community Whole Vehicle Type Approval - ECWVTA	<ul style="list-style-type: none"> 2007/46 OR 2001/116 in the Type Approval Number (eg e11*2007/46*0851*01 or e1*2001/116*0391*11 in the examples below) "Stage 2" or "Stage 3" must also be on the label immediately below the type approval number. Note: The word "Stage" may also be written in a different language, most commonly French (Etape) or German (Stufe). (eg "Stage 2" or "Stufe 2" in the examples below)

Sample labels

European Community Whole Vehicle Type Approval - ECWVTA



Forklifts

4-2 Front and rear fog lamps

Note 5

A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.

Unclassified vehicles

4-2 Front and rear fog lamps

Note 5

A forward-facing permitted lamp that does not comply with the equipment, condition and performance requirements must be made to comply, be removed from the vehicle, or be disabled so that it does not emit a light.