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# VIRM: In-service certification amendment 1 November 2017

October 2017

## ***List of changes and preview pages (WoF only)***

### **In this amendment**

- General changes and improvements
- Reminder about IT system requirements
- Clarification around exhaust outlet positioning when the exhaust pipe does not extend beyond the rear of the vehicle
- New overseas acceptable proof of modifications.



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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.

SECTION	CHANGE DESCRIPTION
<b>Introduction</b>	
<a href="#">1-5 Inspection premises and equipment</a>	<ul style="list-style-type: none"> <li>For clarity, IT system requirements added: To connect to our computer systems, you must operate Windows 7, 8.1 or 10 and run a web browser of Internet Explorer 11 (IE11) to connect. These are the only operating systems that are supported by the Transport Agency to ensure security to our systems.</li> </ul>
<b>General vehicles</b>	
<a href="#">2-1 External projections</a>	<ul style="list-style-type: none"> <li>Rear bumper removed from frontal impact requirements.</li> </ul>
<a href="#">3-1 Structure</a>	<ul style="list-style-type: none"> <li>Rear bumper removed from frontal impact requirements.</li> </ul>
<a href="#">5-1 Glazing</a>	<ul style="list-style-type: none"> <li>A V above the  mark means toughened, VLT &lt;70%</li> <li>Sample of a V above the  mark added to Figure 5-1-1.</li> </ul>
<a href="#">9-1 Steering and suspension systems</a>	<ul style="list-style-type: none"> <li>Clarifies that a left hand drive vehicle cannot be operated in a transport service, rental service or otherwise for commercial purposes for hire or reward (with some exceptions).</li> </ul>
<a href="#">11-1 Exhaust system</a>	<ul style="list-style-type: none"> <li>Clarification around exhaust outlet positioning when the exhaust pipe does not extend beyond the rear of the vehicle.</li> </ul>
<a href="#">12-1 Light vehicle towbar and fifth wheel</a>	<ul style="list-style-type: none"> <li>Note added regarding safety chains for towbars with a removable ball mount.</li> </ul>
<a href="#">13-1 Engine and transmission</a>	<ul style="list-style-type: none"> <li>Note added regarding the meaning of 'MOD' on LVV certification plates.</li> </ul>
<b>Technical bulletins (general)</b>	
<a href="#">13 Acceptable overseas proof of modification</a>	<ul style="list-style-type: none"> <li>Updated to include the new acceptable modifications from Australia and the United States.</li> </ul>

# PREVIEW PAGES

## Introduction

### 1-5 Inspection premises and equipment

#### 5.2 Administration requirements

Feature	Minimum requirement	Examples and things to consider
Administration	<ul style="list-style-type: none"> <li>Access to the vehicle inspection portal for the VIRMs, forms, news and other information relevant to vehicle inspections</li> <li>Access to WoF-online and user charts, or access to Landata and the agents portal for the LATIS manual, to record</li> </ul>	To connect to our computer systems, you must operate Windows 7, 8.1 or 10 and use Internet Explorer 11 (IE11) to connect. These are the only operating systems that are supported by the Transport Agency to ensure security to our systems.

## General vehicles

### 2-1 External projections

Front bumper bar (removal and change) (Note 1) (Note 7)	<ul style="list-style-type: none"> <li>the vehicle is not required to comply with a frontal impact occupant protection standard (Note 6)</li> </ul>
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**Note 7**

Rear bumper removal must still meet external projection requirements.

### 3-1 Structure

Reasons for rejection	Tables and images	Summary of legislation				
<p><b>Table 3-1-1. Modifications that do not require LVV certification</b></p> <table border="1"> <thead> <tr> <th>Fitting of or modification to:</th> <th>LVV certification is not required provided that:</th> </tr> </thead> <tbody> <tr> <td>Front bumper bar (removal and change) (Note 2) (Note 8)</td> <td> <ul style="list-style-type: none"> <li>the vehicle is not required to comply with a frontal impact occupant protection standard (Note 4)</li> </ul> </td> </tr> </tbody> </table>			Fitting of or modification to:	LVV certification is not required provided that:	Front bumper bar (removal and change) (Note 2) (Note 8)	<ul style="list-style-type: none"> <li>the vehicle is not required to comply with a frontal impact occupant protection standard (Note 4)</li> </ul>
Fitting of or modification to:	LVV certification is not required provided that:					
Front bumper bar (removal and change) (Note 2) (Note 8)	<ul style="list-style-type: none"> <li>the vehicle is not required to comply with a frontal impact occupant protection standard (Note 4)</li> </ul>					
<p><b>Note 8</b></p> <p>Rear bumper removal must still meet external projection requirements.</p>						

## 5-1 Glazing

**Table 5-1-4. Glossary of codes for safety glass (including laminated glass) (Note 1) (Note 4) (Figure 5-1-1)**

V	toughened, VLT <70%, when near the E mark
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**Figure 5-1-1 Approved standards markings**



## 9-1 Steering and suspension systems

Reasons for rejection	Tables and images	Summary of legislation
<p>2. A LHD vehicle is operated in a transport service, rental service or otherwise for commercial purposes or for hire or reward (Note 2).</p> <p><b>Note 2</b> The following LHD vehicles are not prohibited from operation in a transport service or otherwise for commercial purposes or for hire or reward:</p> <ul style="list-style-type: none"> <li>a) a Category C1 - C5 specialist vehicle, or</li> <li>b) a vehicle operated by a diplomat, or</li> <li>c) a vehicle exempt from registration and licensing, or</li> <li>d) a vehicle that was formerly owned by the Crown.</li> </ul>		
Reasons for rejection	Tables and images	Summary of legislation
<p><b>Permitted equipment</b></p> <p>3. A registered vehicle may be in left-hand drive or dual-steer configuration. Such a vehicle is not required to carry a Left-Hand Drive Permit, as the LHD requirements are enforced at the time of first registration in New Zealand. Such a vehicle is not permitted to be operated in a transport service or otherwise for commercial purposes or for hire or reward.</p>		

## 11-1 Exhaust system

Reasons for rejection	Tables and images	Summary of legislation
<p>5. The exhaust system is so constructed that emitted heat or fumes are not directed away from, and prevented from entering, the vehicle's passenger compartment (Note 8). See also (Note 6) regarding screamer pipes.</p> <p><b>Note 8</b> Exhaust systems that direct exhaust fumes away from the perimeter of the vehicle's passenger compartment will comply with this requirement, and an OE fitment (or direct OE replacement) where the exhaust system terminates directly below the vehicle's floorpan is also permissible.</p>		

## 12-1 Light vehicle towbar and fifth wheel

Reasons for rejection	Tables and images	Summary of legislation
<p><b>Mandatory equipment</b></p> <p>1. A towbar fitted to a vehicle does not have provision for securely fitting the safety chain (<b>Note 1</b>) from a trailer coupling, except for:</p> <ul style="list-style-type: none"> <li>a) New Zealand Defence Force vehicles</li> <li>b) fire-fighting vehicles.</li> </ul> <p><b>Note 1</b></p> <p>For vehicles fitted with a towbar that has a removable ball mount, such as the one shown on the right-hand side <b>Figure 12-1-1</b>, if the safety chain attaches to the removable part, the security of the removable part should be verified (eg retention clip should be of sufficient strength and in good condition).</p>		

Reasons for rejection	Tables and images	Summary of legislation
<p><b>Mandatory equipment</b></p> <p>1. A towbar, if fitted to a vehicle, must have provision for securing the safety chain (<b>Note 1</b>) or cable from a trailer coupling, except if the vehicle is likely to tow any of the following trailers:</p> <ul style="list-style-type: none"> <li>a) a trailer designed for armament purposes by the New Zealand Defence Forces</li> <li>b) a trailer pump for fire-fighting purposes.</li> </ul>		

## 13-1 Engine and transmission

Reasons for rejection	Tables and images	Summary of legislation
<p>9. A modification (<b>Note 1</b>) affects the engine and transmission (<b>Note 2</b>), and:</p> <ul style="list-style-type: none"> <li>a) is not excluded from the requirements for LVV specialist certification (<b>Table 13-1-1</b>), and</li> <li>b) is missing proof of LVV specialist or accepted overseas certification, ie: <ul style="list-style-type: none"> <li>i. the vehicle is not fitted with a valid LVV certification plate (<b>Note 3</b>), or</li> <li>ii. the operator is not able to produce a valid modification declaration or authority card , or</li> <li>iii. the vehicle has not been certified to an accepted overseas system as described in <b>Technical bulletin 13</b> .</li> </ul> </li> </ul> <p><b>Note 3</b></p> <p>Where an LVV certification plate has the engine type as 'MOD' after the make (eg Nissan MOD), that certification can cover a wide range of modifications, including aftermarket or modified wastegates, larger or modified turbochargers, re-programed ECU's, and many other performance enhancements commonly fitted to a wide range of vehicles.</p> <p>If presented with a vehicle with an engine modification and 'MOD' on the certification plate, assuming all other certification plate details match and all WoF requirements have been met, a WoF can be issued.</p>		

## Technical bulletins (general)

### 13 Acceptable overseas proof of modification

Acceptable overseas certifications	Specific evidence
<b>Australia</b> ADR SSM: Australian Motor Vehicle Certification Board Second Stage of Manufacture	The plate/label is silver in colour. If the word 'nonstandard' or the phrase 'low volume' appears on the plate/label the certification cannot be accepted, refer to a specialist certifier. See <a href="#">Figure 13-1-1</a> for a sample plate/label.
<b>Europe</b> ECWVTA: European Community Whole Vehicle Type Approval	<ul style="list-style-type: none"> <li>• <b>2007/46</b> OR <b>2001/116</b> in the Type Approval Number (eg e11*<b>2007/46</b>*0851*01 or e1*<b>2001/116</b>*0391*11 like in <a href="#">Figure 13-1-2</a>)</li> <li>• 'Stage 2' or 'Stage 3' must also be on the label immediately below the type approval number.  <b>Note:</b> The word 'Stage' may also be written in a different language, most commonly French (Etape) or German (Stufe). (eg 'Stage 2' or 'Stufe 2' like in <a href="#">Figure 13-1-3</a>)</li> </ul>
<b>United States</b> FMVSS: Federal Motor Vehicle Safety Standards	Motorhomes, hearses and limousines with an FMVSS approval plate. See <a href="#">Figure 13-1-4</a> for a sample FMVSS approval plate. <b>Note:</b> Conversion vans (aka day vans) are not motorhomes as they are not a dwelling place. The Transport Agency requires these vehicles to be LVV certified.

**Figure 13-1-1. ADR SSM plate/label**



**Figure 13-1-4. Sample FMVSS approval plate**

