

23 November 2011

TO: Holders of the Vehicle Inspection Requirements Manual (VIRM):
In-service certification

Dear manual holder

VIRM: In-service (WoF and CoF) version 4 amendment 1 (December 2010)

This general amendment to your manual covers a large variety of changes which are detailed in the attached list of changes. The most noteworthy changes are:

- Urgent update 4.0.1 has been incorporated (heavy vehicle dimensions)
- Clarification of green sticker requirements to incorporate the G2 stickers
- Correction of how WoF/CoF expiry dates are calculated
- Various changes and additions to permitted LVV modifications, including campervan conversions, disability and other modifications for steering and braking, 4WD to 2WD conversions, motorcycle handle bars
- General lighting correction - permitted lamps may be obscured
- Clarification of windscreen mesh stoneguard requirements
- Clarification of PSV seating (wheelchair) and aisle requirements
- Changes to tyre section, including removal of space saver tyre label check, definitions, new RfR for tyres with all brand info removed, run-flat tyres
- New requirement to fail vehicles first registered in NZ from 1 May 2010 that have a catalytic converter removed where one was originally fitted (need to fit a catalytic converter or pass an emissions test at a TSDA)
- Two new CoF technical bulletins

Please find enclosed:

- List of changes with update instructions
- 88 VIRM leaves to be inserted into your existing manual

Updating your manual

1. Please update your manual by following the update instructions.
2. Have a quick read through the list of changes so you are aware what changes have been made in this amendment (refer to the amended pages for details).
3. Update your record of amendments in the front of the VIRM and the Technical information record in your PRS manual.

This amendment comes into effect on 1 December 2010.

All these documents are available on the NZTA website. If there are any problems with this amendment, please contact Vehicle Certifier Registers on dvcupn@nzta.govt.nz or freephone 0800 587 287 option 4.

Yours faithfully



Tanja Luckow
Technical Coordinator
Vehicle Unit

List of changes

VIRM: In-service certification (WoF and CoF) – version 4, amendment 1

Legend

Intro = Introduction
 HV = Heavy vehicle
 HT = Heavy trailer
 LPSV = Light passenger service vehicle
 HPSV = Heavy passenger service vehicle
 GV = General vehicle
 GT = General trailer
 MC = Motorcycle

Page	Change	Remove these pages	Add these pages
Volume 1			
Intro 3-5 to 3-6	<ul style="list-style-type: none"> 3(b) '(only an LVV certifier or delegated NZTA staff can remove an LVV plate)' added 3.1.4 replaced with new text (pink and green stickers) 	3-5 to 3-6	3-5 to 3-6
Intro 3-21 to 3-22	<ul style="list-style-type: none"> Replaced item 4 at the top of the page with the following: '4. Calculate the WoF expiry date as specified in clause 3.8.1 below. 3.8.1 – text replaced. 	3-21 to 3-22	3-21 to 3-22
Intro 3-26	<ul style="list-style-type: none"> Changes in fee to reflect the increase in GST 	3-25 to 3-26	3-25 to 3-26
Intro 5-2	<ul style="list-style-type: none"> 5.1.2 updated to align with requirements set out in <i>VIRM: Entry certification version 3, amendment 3</i> 	5-1 to 5-2	5-1 to 5-2
Intro 7-2	<ul style="list-style-type: none"> Axle definition – (c) added B-Train definition amended Misplaced B-train definition removed 	7-1 to 7-4	7-1 to 7-4
Intro 7-7	<ul style="list-style-type: none"> Forestry definition added 	7-7 to 7-8	7-7 to 7-8
Intro 7-17	<ul style="list-style-type: none"> [from amendment 4.0.1] Rear axis definition: (d) updated, (e) added 	7-17 to 7-18	7-17 to 7-18
GV 1-1-2	<ul style="list-style-type: none"> Updated NZTA VIN details 	GV 1-1-1 to GV 1-1-2	GV 1-1-1 to GV 1-1-2
GV 2-1-2	<ul style="list-style-type: none"> Cosmetic body kits row, A-frames row – text deleted, but reference to Note 3 added New Auxiliary bars row 	GV 2-1-1 to GV 2-1-4	GV 2-1-1 to GV 2-1-4
GV 2-1-3	<ul style="list-style-type: none"> Note 3 added 		
HV 2-2-1	<ul style="list-style-type: none"> [from amendment 4.0.1] SoL 3 deleted [from amendment 4.0.1] Added reference to Note 2 and Note 3 in Table 2-2-3 header 	HV 2-2-1 to HV 2-2-6	HV 2-2-1 to HV 2-2-6

Page	Change	Remove these pages	Add these pages
HV 2-2-2	<ul style="list-style-type: none"> [from amendment 4.0.1] New content in 'Overall length' row 'Rear overhang' row - final column - additional comment added, middle column '4m (for a vehicle that was first registered in NZ before 1 July 2002)' added 		
HV 2-2-3	<ul style="list-style-type: none"> [from amendment 4.0.1]'Tow coupling row': 40% changed to 45% [from amendment 4.0.1]Added reference to Note 4 in Table 2-2-4 header [from amendment 4.0.1]'Required hazard warning equipment' column: References to Note 2 changed to Note 5 		
HV 2-2-4	<ul style="list-style-type: none"> [from amendment 4.0.1] New definitions: High productivity motor vehicle, Road controlling authority [from amendment 4.0.1] New Notes 2, 3 and 4 [from amendment 4.0.1] Previous Note 2 becomes Note 5 		
HV 2-2-6	<ul style="list-style-type: none"> [from amendment 4.0.1] Figure 2-2-8:ground clearance requirement reworded overall length changed Figure 2-2-9: articulation point text reworded 		
GV 3-1-1	<ul style="list-style-type: none"> Reference to Traffic Regs replaced with Vehicle Standards Compliance 2002. SoL 1 deleted. New SoL 1, 2, 3. 	GV 3-1-1 to GV3-1-4	GV 3-11 to GV3-1-4
GV 3-1-2 & GV 3-1-3	<ul style="list-style-type: none"> 2 new rows at top of table 3-1-1 Cosmetic body kits row, A-frames row - reference to Note 4 added 		
GV 3-1-4	<ul style="list-style-type: none"> New Note 4, following renumbered 		
HV 3-1-1	<ul style="list-style-type: none"> New RfR 2 - following renumbered 'body' added to RfR 3 (old RfR 2) 	HV 3-1-1 to HV 3-1-2	HV 3-1-1 to HV 3-1-2
GV 4-1-5	<ul style="list-style-type: none"> Dipped-beam headlamps and main-beam headlamps definitions added 	GV 4-1-5 to GV 4-1-6	GV 4-1-5 to GV 4-1-6

GV 4-2-1	<ul style="list-style-type: none"> • SoL 9 deleted • 'obscured' deleted from RfR 5 	GV 4-2-1 to GV 4-2-2	GV 4-2-1 to GV 4-2-2
GV 4-3-1	<ul style="list-style-type: none"> • SoL 2 and RfR 2 - 'obscured' deleted 	GV 4-3-1 to GV 4-5-4	GV 4-3-1 to GV 4-5-4
GV 4-4-1	<ul style="list-style-type: none"> • SoL 3 and RfR 5 - 'obscured' deleted • RfR 8 - Reference to Note 4 added 		
GV 4-4-2	<ul style="list-style-type: none"> • Note 4 added 		
GV 4-5-1	<ul style="list-style-type: none"> • SoL 11(b) - '(if a mandatory lamp) added 		
GV 4-5-2	<ul style="list-style-type: none"> • RfR 12 - 'obscured deleted' 		
GV 4-5-3	<ul style="list-style-type: none"> • Note 7 added 		
GV 4-6-1	<ul style="list-style-type: none"> • SoL 6(b) - '(if a mandatory lamp) added • RfR 6 - 'obscured' deleted • RfR 9 - reference to Note 5 added 	GV 4-6-1 to GV 4-6-4	GV 4-6-1 to GV 4-6-4
GV 4-6-2	<ul style="list-style-type: none"> • RfR 10(g) added 		
GV 4-6-3	<ul style="list-style-type: none"> • Note 5 added 		
GV 4-7-1	<ul style="list-style-type: none"> • SoL 7(b) - '(if a mandatory lamp) added 		
GV 4-7-2	<ul style="list-style-type: none"> • RfR 8 - 'obscured' deleted • RfR 12(g) added 		
HV 4-8-1	<ul style="list-style-type: none"> • SoL 3(b) - '(if a mandatory lamp) added • RfR 2 - 'obscured deleted' 	HV 4-8-1 to HV 4-8-2	HV 4-8-1 to HV 4-8-2
HV 4-9-1	<ul style="list-style-type: none"> • SoL 5(b) and RfR 5 - '(if a mandatory lamp)' added 	HV 4-9-1 to HV 4-9-2	HV 4-9-1 to HV 4-9-2
GV 4-10-1	<ul style="list-style-type: none"> • SoL 8(b) - '(if a mandatory lamp) added 	GV 4-10-1 to GV 4-10-2	GV 4-10-1 to GV 4-10-2
GV 4-10-2	<ul style="list-style-type: none"> • RfR 10 - 'obscured' deleted • RfR 15(f) added 		
GV 5-1-3	<ul style="list-style-type: none"> • New JIS mark 	GV 5-1-3 to GV 5-1-8	GV 5-1-3 to GV 5-1-8
GV 5-1-5	<ul style="list-style-type: none"> • RfR 9 - reference to Table 5-1-5 changed to Figure 5-1-5 • RfR 10 - reference to Table 5-1-6 changed to Table 5-1-5 		
GV 5-1-8	<ul style="list-style-type: none"> • SoL 13 and RfR 15 - reference to table 5-1-7 changed to table 5-1-6 		
HV 5-1-1	<ul style="list-style-type: none"> • RfR 4 - re-written 	HV 5-1-1 to HV 5-1-2	HV 5-1-1 to HV 5-1-2
HV 5-1-2	<ul style="list-style-type: none"> • Note 2 and figure 5-1-7 (windscreen stoneguard) added 		
GV 5-3-2	<ul style="list-style-type: none"> • Added to Table 5-3-1: "Removal of a windscreen wash system from a vehicle manufactured before 1/1/1992". 	GV 5-3-1 to GV 5-4-2	GV 5-3-1 to GV 5-4-2
GV 5-4-2	<p>Added to Table 5-4-2 after mirrors: ", or removal of a non-mandatory mirror".</p>	GV 5-4-1 to GV 5-4-2	GV 5-4-1 to GV 5-4-2

LPSV 5-6-1	<ul style="list-style-type: none"> • [from amendment 4.0.1] Content corrected 	LPSV 5-6-1 to LPSV 5-6-2	LPSV 5-6-1 to LPSV 5-6-2
LPSV 7-2-1	<ul style="list-style-type: none"> • SoL 1 and RfR 1 - 'or wheelchair and' added • RfR 5 - Note 7 changed to Note 1 	LPSV 7-2-1 to HPSV 7-2-2	LPSV 7-2-1 to HPSV 7-2-2
LPSV 7-2-2	<ul style="list-style-type: none"> • SoL 7(g) deleted • Outdoor access vehicle definition added 		
HPSV 7-2-1	<ul style="list-style-type: none"> • SoL 1 and RfR 1 - 'or wheelchair and' added • SoL 7(g) deleted • RfR 7 - reworded 		
LPSV 7-4-1 & HPSV 7-4-1	<ul style="list-style-type: none"> • RfR 1 - 'unobstructed' added 	LPSV 7-4-1 to HPSV 7-4-2	LPSV 7-4-1 to HPSV 7-4-2
GV 7-5-8	<ul style="list-style-type: none"> • Bottom table, second row - class NA vehicles added • replacing a type R1 or R2 seatbelt with a webclamp R1 or R2 seatbelt (eg where Technical bulletin 5 applies) added 	GV 7-5-7 to GV 7-5-8	GV 7-5-7 to GV 7-5-8
GV 7-7-1	<ul style="list-style-type: none"> • disability adaptive controls - text replaced 	GV 7-7-1 to GV 7-7-2	GV 7-7-1 to GV 7-7-4
GV 7-7-2 to GV 7-7-3	<ul style="list-style-type: none"> • Steering wheels row - "or an OE item from another vehicle" added • Additional and substituted items row - "or an OE item from another vehicle" added • deleted steering spinner and changed accelerator pedal line to read "modified accelerator pedal". • 'or is at least 14 years old' added to note at bottom of table 		
LPSV 7-9-1 & HPSV 7-9-1	<ul style="list-style-type: none"> • New Note 1 	LPSV 7-9-1 to HPSV 7-9-2	LPSV 7-9-1 to HPSV 7-9-2
GV 8-1-7	<ul style="list-style-type: none"> • Aftermarket brake and pedal extensions row - right hand column text amended • Disability parking breaking system - new row 	GV 8-1-7 to GV 8-1-8	GV 8-1-7 to GV 8-1-8
HV 8-1-10	<ul style="list-style-type: none"> • Typo correction in GM equation 	HV 8-1-9 to HV 8-1-10	HV 8-1-9 to HV 8-1-10
HV 8-1-13	<ul style="list-style-type: none"> • Typo correction in GM equation 	HV 8-1-13 to HV 8-1-14	HV 8-1-13 to HV 8-1-14
GV 9-1-3	<ul style="list-style-type: none"> • New RfR 13(i) 	GV 9-1-3 to GV 9-1-6	GV 9-1-3 to GV 9-1-6
GV 9-1-5	<p>New first row</p> <p>Second row:</p> <ul style="list-style-type: none"> • 1st bullet - date changed to 1 August 1990 • 2nd bullet - new text 		

	<ul style="list-style-type: none"> Steering wheels row – text amended Springs row 2nd bullet point amended 6th bullet - ‘including air-adjustable units,’ added 		
GV 9-1-6	<ul style="list-style-type: none"> New note 5 Clarified blocks for leaf springs 		
GV 10-1-1	<ul style="list-style-type: none"> RfR 1.b): inserted “run-flat” after cross ply, and substituted carcass for construction. RfR 1.c): inserted “, winter tyre tread (Figure 10-1-4)” after traction. RfR 2: inserted “run-flat” after cross ply, and substituted carcass for construction. RfR 8.d): inserted “that” to read “a tyre that is not compatible...”. 	GV 10-1-1 to GV 10-1-8	GV 10-1-1 to GV 10-1-8
GV 10-1-2	<ul style="list-style-type: none"> SoL 19 deleted (space saver tyres) RfR 8(e) added 		
GV 10-1-3	<ul style="list-style-type: none"> RfR 19 and 20 deleted (space saver tyres) 		
GV 10-1-5	<ul style="list-style-type: none"> New definitions – size designation; run-flat tyre 		
GV 10-1-6	<ul style="list-style-type: none"> Tyre carcass definition expanded 		
GV 10-1-7	<ul style="list-style-type: none"> Figure 10-1-2 deleted (space saver labels) Note added to Figure 10-1-3 		
GV 10-1-8	<ul style="list-style-type: none"> New Figure 10-1-4 		
GV 11-1-1	<ul style="list-style-type: none"> References to Notes 1 and 6 added 	GV 11-1-1 to GV 11-1-2	GV 11-1-1 to GV 11-1-2
GV 11-1-2	<ul style="list-style-type: none"> Amended Note 6 (waste gates) 		
GV 11-2-1	<ul style="list-style-type: none"> New SoL 3 and RfR 2 (catalytic converters) 	GV 11-2-1 to GV 11-2-2	GV 11-2-1 to GV 11-2-2
GV 12-1-1	<ul style="list-style-type: none"> New RfR 2(g) New Note 2 	GV 12-1-1 to GV 12-1-2	GV 12-1-1 to GV 12-1-2
GV 13-1-2	<ul style="list-style-type: none"> Amended table 13-1-1 (4WD to 2WD conversion) Amended note 2 (turbo/superchargers) 	GV 13-1-1 to GV 13-1-2	GV 13-1-1 to GV 13-1-2
HV 14-2-2	<ul style="list-style-type: none"> RfR 5.d): changed 140 to 150. 		

Volume 2			
MC 1-1-2	<ul style="list-style-type: none"> Updated NZTA VIN details 	MC 1-1-1 to MC1-1-2	MC 1-1-1 to MC1-1-2
MC 4-1-4	<ul style="list-style-type: none"> New definitions: dipped-beam headlamp; main-beam headlamp 	MC 4-1-3 to MC 4-1-4	MC 4-1-3 to MC 4-1-4

MC 9-1-2	<ul style="list-style-type: none"> Table 9-1-1 – new row ‘Handle bars’ 	MC 9-1-1 to MC 9-1-2	MC 9-1-1 to MC 9-1-2
MC 10-1-1	<p>RfR 1.b) substituted carcass for construction</p> <p>RfR 5.d): inserted “that” to read “a tyre that is not compatible...”.</p> <ul style="list-style-type: none"> New RfR 5.e) 	MC 10-1-1 to MC 10-1-2	MC 10-1-1 to MC 10-1-2
HT 1-1-2	<ul style="list-style-type: none"> Updated NZTA VIN details 	HT 1-1-1 to HT 1-1-2	HT 1-1-1 to HT 1-1-2
GT 2-2-1	<ul style="list-style-type: none"> Table 2-2-1: dimensions in Overall length row changed 	GT 2-2-1 to GT 2-2-2	GT 2-2-1 to GT 2-2-2
GT 2-2-2	<ul style="list-style-type: none"> Table 2-2-2: dimensions in Forward distance row changed 		
HT 2-2-1	<ul style="list-style-type: none"> [from amendment 4.0.1] Table 2-2-3 header: reference to Note 1 changed to Note 2 	HT 2-2-1 to HT 2-2-8	Ht 2-2-1 to HT 2-2-8
HT 2-2-2 to HT 2-2-3	<ul style="list-style-type: none"> [from amendment 4.0.1] New text in ‘Overall length’, ‘Forward distance’ and ‘Rear overhang’ rows 		
HT 2-2-4	<ul style="list-style-type: none"> [from amendment 4.0.1] Table 2-2-4 header: reference to Note 3 added 		
HT 2-2-5 to 2-2-6	<ul style="list-style-type: none"> [from amendment 4.0.1] New definitions: High productivity motor vehicle, Road controlling authority [from amendment 4.0.1] New Notes 2 and 3 [from amendment 4.0.1] Forward distance and Rear overhang requirements in Semi-trailer image amended 		
HT 2-2-7	<ul style="list-style-type: none"> [from amendment 4.0.1] Simple trailer image: overall length changed from 11.5 m to 12.5 m 		
HT 3-1-1	<ul style="list-style-type: none"> New RfR 2 – following renumbered ‘body’ added to RfR 3 (old RfR 2) 	HT 3-1-1 to HT 3-1-2	HT 3-1-1 to HT 3-1-2
HT 3-2-1	<p>[from amendment 4.0.1] Table 3-2-1 ‘(other than a high-productivity motor vehicle) (Note 1 and Note 2)’ added to first two bullet points</p>	HT 3-2-1 to HT 3-2-2	HT 3-2-1 to HT 3-2-2
HT 3-2-1 to HT 3-2-2	<ul style="list-style-type: none"> [from amendment 4.0.1] New definition: High productivity motor vehicle [from amendment 4.0.1] New Note 2 		

HT 5-1-10	<ul style="list-style-type: none"> • typo correction in GM equation 	HT 5-1-9 to HT 5-1-10	HT 5-1-9 to HT 5-1-10
GT 7-1-1	<p>RfR 1.b): insert “run-flat” after cross ply, and substitute carcass for construction.</p> <p>RfR 1.c): insert “, winter tyre tread (Figure 10-1-42 after traction.</p> <p>RfR 6.d): insert “that” to read “a tyre that is not compatible...”.</p> <ul style="list-style-type: none"> • Add RfR 6.e): “e) a tyre that has had all its manufacturer / brand / model information removed so that the tyre can no longer be identified (Figure 10-1-3).” 	GT 7-1-1 to GT 7-1-6	GT 7-1-1 to GT 7-1-6
GT 7-1-2	<ul style="list-style-type: none"> • SoL 16 deleted (space saver tyres) • Replaced RfR 12 with new RfR 12 and 13 		
GT 7-1-3	<ul style="list-style-type: none"> • RfR 17 and 18 deleted (space saver tyres) 		
GT 7-1-4	<ul style="list-style-type: none"> • New definitions and amended definitions 		
GT 7-1-6	<ul style="list-style-type: none"> • Figure 7-1-1 deleted (space saver tyres). Following figures re-numbered • New text below figure 7-1-2 		
HT 7-2-1	<ul style="list-style-type: none"> • [from amendment 4.0.1] New SoL 1 (following SoLs renumbered) • [from amendment 4.0.1] SoL 3 re-written • [from amendment 4.0.1] New RfR 1 (following RfRs renumbered) • [from amendment 4.0.1] RfR 4 re-written 	HT 7-2-1 to HT 7-2-4	HT 7-2-1 to HT 7-2-4
HT 7-2-4	<ul style="list-style-type: none"> • [from amendment 4.0.1] Note 2 reworded - ‘number 5’ changed to ‘number 6’ 		
GT 8-1-1	<p>In RfR 2.c) after 7.1 mm, changed ‘and’ to ‘or’.</p>	GT 8-1-1 to GT 8-1-2	GT 8-1-1 to GT 8-1-2
GT 8-1-2	<ul style="list-style-type: none"> • RfR 5(e) – amended text 		
HT 10-1-3	<ul style="list-style-type: none"> • load anchorage point definition added 	HT 10-1-3 to HT 10-1-4	HT 10-1-3 to HT 10-1-4
Technical bulletins (CoF)	<ul style="list-style-type: none"> • 2 new Technical bulletins 	n/a	Entire Technical bulletins (CoF) section

Volume 3			
<i>Forklifts</i>			
4-1-1	• RfR 1 - 'either' added	4-1-1 to 4-1-2	4-1-1 to 4-1-2
5-1-1	• RfR 9 - missing text 'limits in table 5-1-1' added	5-1-1 to 5-1-2	5-1-1 to 5-1-2
<i>Tractors</i>			
2-2-1	Table 2-2-1 - Width row, Maximum distance column, '1.25 m from each side of the longitudinal centreline of the vehicle' added	2-2-1 to 2-2-2	2-2-1 to 2-2-2
<i>Unclassified vehicles</i>			
2-2-1 to 2-2-6	• New dimensions added to table 2-2-1, overall length of 11.5 m changed to 12.5 m in top two trailers of figure 2-2-4	2-2-1 to 2-2-6	2-2-1 to 2-2-6
7-13-1	• RfR 1(a) - 'siren' added	7-13-1 to 7-13-2	7-13-1 to 7-13-2