

List of changes VIRM: In- service certification (WoF and CoF) – version 4.0.1

Page	Change	Remove these pages	Add these pages
Intro 7-3	<ul style="list-style-type: none"> B-Train definition amended 	Intro 7-3 to intro 7-4	Intro 7-3 to intro 7-4
Intro 7-17	<ul style="list-style-type: none"> Rear axis definition: (d) updated, (e) added 	Intro 7-17 to intro 7-18	Intro 7-17 to intro 7-18
HV 2-2-1	<ul style="list-style-type: none"> SoL 3 deleted 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
HV 2-2-2	<ul style="list-style-type: none"> New content in 'Overall length' row 		
HV 2-2-3	<ul style="list-style-type: none"> 'Tow coupling row': 40% changed to 45% Added reference to Note 4 in Table 2-2-4 header 'Required hazard warning equipment' column: References to Note 2 changed to Note 5 		
HV 2-2-4	<ul style="list-style-type: none"> New definitions: High productivity motor vehicle, Road controlling authority New Notes 2, 3 and 4 Previous Note 2 becomes Note 5 		
HV 2-2-6	<ul style="list-style-type: none"> Figure 2-2-8: ground clearance requirement reworded, overall length changed Figure 2-2-9: articulation point changed from 40% to 45%, ground clearance requirement reworded 		
HT 2-2-1	<ul style="list-style-type: none"> Table 2-2-3 header: reference to Note 1 changed to Note 2 		
HT 2-2-2 to HT 2-2-3	<ul style="list-style-type: none"> New text in 'Overall length', 'Forward distance' and 'Rear overhang' rows 		
HT 2-2-4	<ul style="list-style-type: none"> Table 2-2-4 header: reference to Note 3 added 		
HT 2-2-5 to 2-2-6	<ul style="list-style-type: none"> New definitions: High productivity motor vehicle, Road controlling authority New Notes 2 and 3 Forward distance and Rear overhang requirements in Semi-trailer image amended 		
HT 2-2-7	<ul style="list-style-type: none"> Simple trailer image: overall length changed from 11.5 m to 12.5 m 		

Page	Change	Remove these pages	Add these pages
HT 3-2-1	Table 3-2-1 '(other than a high-productivity motor vehicle) (Note 1 and Note 2)' added to first two bullet points	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"> • New definition: High productivity motor vehicle • New Note 2 		
LPSV 5-6-1	<ul style="list-style-type: none"> • Content corrected 	LPSV 5-6-1 to LPSV 5-6-2	LPSV 5-6-1 to LPSV 5-6-2
HT 7-2-1	<ul style="list-style-type: none"> • New SoL 1 (following SoLs renumbered) • SoL 3 re-written • New RfR 1 (following RfRs renumbered) • 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"> • Note 2 reworded - 'number 5' changed to 'number 6' 		

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 4-7-1 to GV 4-7-2	GV 4-7-1 to GV 4-7-2
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	<ul style="list-style-type: none"> • Added to Table 5-4-2 after mirrors: ", or removal of a non-mandatory mirror". 	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	In RfR 2.c) after 7.1mm, changed ‘and’ to ‘or’.	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	<ul style="list-style-type: none"> RfR 1 - 'either' added 	4-1-1 to 4-1-2	4-1-1 to 4-1-2
5-1-1	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> RfR 1(a) - 'siren' added 	7-13-1 to 7-13-2	7-13-1 to 7-13-2

1 April 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 2 (April 2011)

This general amendment to your manual covers a variety of changes, mostly relating to law changes that came into effect on 1 April 2011. The most noteworthy changes are:

- Clarification of motorcycle inspector qualifications for appointment
- New CoF label
- Changes to definition of low volume vehicle and speedometer
- New rear overhang requirements for rigid buses
- Legal changes to lighting requirements, particularly relating to side-marker lamps and end-outline marker lamps on all vehicles
- Clarification of mudguard requirements for logging trucks
- Exhaust noise requirements do not apply to certain motorsport vehicles.

Please find enclosed:

- List of changes with update instructions
- 54 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 of 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 amended comes into effect on 14 April 2011.

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 sincerely



Tanja Luckow
Technical Coordinator
Vehicles Unit

List of VIRM changes

VIRM: In- service certification (WoF and CoF) – version 4, amendment 2

Page	Change	Remove these pages	Add these pages
Volume 1			
Intro 3-3	Clarify that a vehicle is certified based on the condition of the vehicle at the time of inspection.	3-3 to 3-4	3-3 to 3-4
Intro 3-16	Changed a) to reflect law changes	3-15 to 3-16	3-15 to 3-16
Intro 3-24	Replaced CoF label with new look CoF label (used from 1 June 2011)	3-23 to 3-24	3-23 to 3-24
Intro 5-5 to 5-7	New approved brake testers added and note from end of table moved to front of table	5-5 to 6-2	5-5 to 6-2
Intro 6-1 to 6-2	New Note 2 to clarify requirements for motorcycle inspector appointments		
Intro 7-13	Changes to definition of low volume vehicle to reflect law changes	7-13 to 7-14	7-13 to 7-14
Intro 7-20	Changes to speedometer definition to reflect law changes	7-19 to 7-20	7-19 to 7-20
GV 2-2-1	Correction to width in Table 2-2-1	2-2-1 to 2-2-2	2-2-1 to 2-2-2
HV 2-2-2	Rear overhang: new legal requirements for rigid buses added to Table	HV 2-2-1 to HV 2-2-2	HV 2-2-1 to HV 2-2-2
GV 4-1-1	Reference to Note 9 added to RfR 8 and SoL 5	4-1-1 to 4-1-2	4-1-1 to 4-1-2
GV 4-1-5	New note 9 added to cover headlamp height on certain specialist vehicles	4-1-5 to 4-1-6	4-1-5 to 4-1-6
GV 4-5-3	Improved wording for RfR 22 (indicator failure warning device)	4-5-3 to 4-5-4	4-5-3 to 4-5-4
GV 4-8-1 to 4-8-2	New requirements for side marker lamps to reflect new law changes	4-8-1 to 4-8-2	4-8-1 to 4-8-2
GV 4-9-1 to 4-9-2	New requirements for end-outline marker lamps to reflect new law changes	4-9-1 to HV 4-9-4	4-9-1 to HV 4-9-4
HV 4-9-1 to 4-9-3	New requirements for end-outline marker lamps to reflect new law changes		
GV 5-1-6	Correction in heading for Table 5-1-5 (Note 3 changed to Note 2)	5-1-5 to 5-1-6	5-1-5 to 5-1-6
GV 6-1-2	Clarification for modifications on door handles	6-1-1 to 6-1-2	6-1-1 to 6-1-2
HPSV 7-4-1 to 7-4-2	Carried over from urgent update v4a1.1 (misprinted pages)	HPSV 7-4-1 to HPSV 7-4-2	HPSV 7-4-1 to HPSV 7-4-2
GV 7-12-1	Changed Note 1 (definition of speedometer) to reflect new law changes	7-12-1- to 7-12-2	7-12-1- to 7-12-2
GV 8-1-4	RfR 27.a) words made consistent with other sections	8-1-3 to 8-1-4	8-1-3 to 8-1-4
HV 8-1-9 to 8-1-10	Carried over from urgent update v4a1.1 (page accidentally omitted)	HV 8-1-9 to HV 8-1-10	HV 8-1-9 to HV 8-1-10
GV 9-1-5	In Table 9-1-1 for steering wheel spinner, removed "(for disability purposes)"	9-1-5 to 9-1-6	9-1-5 to 9-1-6
GV 10-1-2 to 10-1-3	SoL 14 and RfR 14: clarified that slow vehicles do not have to meet tread depth requirements	10-1-1 to 10-1-4	10-1-1 to 10-1-4
GV 10-3-1 to 10-3-2	Refer RfR 5 to Note 2. Add note 2 relating to permitted damage on full mudguards (eg on logging trucks)	10-3-1 to 10-3-4	10-3-1 to 10-3-4
Exhaust section cover page	Update heading for 11-2 to Exhaust emissions	Contents to 11-1-2	Contents to 11-1-2

GV 11-1-1	SoL 6 and RfR 7: clarify that certain motorsport vehicles don't have to meet certain exhaust noise requirements		
GV 11-2-1 to 11-2-2	In RfR 2 and Note 6, refer to new figure showing sample emissions test certificate	11-2-1 to 11-2-2	11-2-1 to 11-2-2

Volume 2			
MC 4-8-1	Some wording amended as a result of new law changes	MC 4-8-1 to MC 4-9-2	MC 4-8-1 to MC 4-9-2
MC 4-9-1	Some wording amended as a result of new law changes		
MC 7-12-1	Changed Note 1 (definition of speedometer) to reflect new law changes	MC 7-12-1 to MC 7-12-2	MC 7-12-1 to MC 7-12-2
MC 10-1-2 to 10-1-7	Several changes relating to spare tyres which have been omitted from previous amendment; correction as advised in last WoF News (RfR 14); tread depth requirements don't apply to slow vehicles (RfR 11)	MC 10-1-1 to MC 10-1-8	MC 10-1-1 to MC 10-1-6
MC 11-1-2	Correction, text omitted from item b)ii.	MC 11-1-1 to MC 11-1-2	MC 11-1-1 to MC 11-1-2
MC 13-2-2	Add to Table 13-2-1 relating to permitted modifications to fuel system (similar to GV section)	MC 13-2-1 to MC 13-2-2	MC 13-2-1 to MC 13-2-2
GT 2-2-2	Correction for forward distance, change from 9.5m to 9.2m for semi-trailer	GT 2-2-1 to GT 2-2-2	GT 2-2-1 to GT 2-2-2
GT 2-2-5	Correct Figure 2-2-4 for semi-trailer: changed to 9.2m for forward distance	GT 2-2-5 to GT 2-2-6	GT 2-2-5 to GT 2-2-6
GT 4-8-1	Changes to reflect new legal requirements for side marker lamps	GT 4-8-1 to GT 4-8-2	GT 4-8-1 to GT 4-8-2
GT 4-9-1	Changes to reflect new legal requirements for end-outline marker lamps		
HT 4-9-1	Changes to reflect new legal requirements for end-outline marker lamps	HT 4-9-2	HT 4-9-2
GT 7-3-1 to 7-3-2	Clarified RfR 3 regarding logging trailers, clarified Figure 7-3-2	GT 7-3-1 to GT 7-3-2	GT 7-3-1 to GT 7-3-2
HT 8-7-1 to 8-7-2	Removed requirements for king pin crack testing to reflect new legal requirements	HT 8-7-1 to HT 8-7-6	HT 8-7-1 to HT 8-7-4

Volume 3			
Forklift 4-8-1	Changes to reflect new legal requirements for side marker lamps	F 4-8-1 to F 4-9-2	F 4-8-1 to F 4-9-2
Forklift 4-9-1 to 4-9-2	Changes to reflect new legal requirements for end-outline marker lamps		
Tractor 4-8-1	Changes to reflect new legal requirements for side marker lamps	T 4-8-1 to T 4-9-2	T 4-8-1 to T 4-9-2
Tractor 4-9-1 to 4-9-2	Changes to reflect new legal requirements for end-outline marker lamps		
Unclassified 2-2-5	Correct Figure 2-2-4 for semi-trailer: changed to 9.2m for forward distance	UN 2-2-5 to UN 2-2-6	UN 2-2-5 to UN 2-2-6
Unclassified 4-8-1	Changes to reflect new legal requirements for side marker lamps	UN 4-8-1 to UN 4-9-2	UN 4-8-1 to UN 4-9-2
Unclassified 4-9-1 to 4-9-2	Changes to reflect new legal requirements for end-outline marker lamps		

List of VIRM changes
VIRM: In- service certification (WoF and CoF) – version 4, amendment 3

Page	Change	Remove these pages	Add these pages
Volume 1			
Introduction			
3-4	Added under 7b): Note that this only covers the modifications for the specialised functions of the vehicle. Other modifications that affect compliance are subject to certification. Note 2 Deleted item c) LVV auxiliary item label affixed to a removable and self-contained accessory such as a bullbar or third-row child seat. And deleted the first line on the following page: Where the fitting of this item is the only LVV modification on the vehicle, a LVV certification plate is not fitted to the vehicle.	3-3 to 3-4	3-3 to 3-4
3-14	3.3.1 point 2: added "(including MD2 vehicles) after vehicles.	3-13 to 3-14	3-13 to 3-14
3-18	Added new 3.5.6: "6. Where a vehicle has changed use to a passenger service vehicle since it was last certified for entry or in-service (ie the vehicle enters service as a passenger service vehicle), the vehicle inspector must have written confirmation (in the form of a PSV entry checksheet) that the vehicle complies with the PSV requirements in the <i>VIRM: Entry certification</i> before it can pass its certificate of fitness inspection."	3-17 to 3-18	3-17 to 3-18
3-26	Add new section: 3.10 Operating a vehicle without a current WoF or CoF	3-25 to 3-26	3-25 to 3-26
5-2	5.1.2 Minimum dimensions table: Added TA after LD, and TB after NA. For width under middle column, state "3.5 m (TSDA 4.0m)"	5-1 to 5-2	5-1 to 5-2
5-5 - 5-7	In WoF table under 5.1.7, replaced "BCN" with "VTEQ S.L. (Spain) (previously BCN)" Replace "Maha" with "MAHA" on all pages. For WoF table, added new line for MAHA: MAHA platform brake tester MPP 2240, 9 June 2011, No 81, p 1909. For CoF table, added new line: "VTEQ S.L (Spain), VTEQ 7000 (digital), November 2006, No 132, p 3837".	5-5 to 5-8	5-5 to 5-8
General vehicles			
GV 2-1-2 and GV 2-1-3	Changes regarding bumper bars and auxiliary bars	GV 2-1-1 to GV 2-1-4	GV 2-1-1 to GV 2-1-4
GV 3-1-2 to GV 3-1-4	Changes regarding cosmetic body kits, bumper bars, auxiliary bars and front-mounted intercoolers	GV 3-1-1 to GV 3-1-6	GV 3-1-1 to GV 3-1-6
GV 4-5-1	Changed RfR 8 to read: "A vehicle is not fitted with a visual lamp indicator device that indicates to the driver that a lamp has failed (only where one was fitted as original equipment)."	GV 4-5-1 to GV 4-5-2	GV 4-5-1 to GV 4-5-2
GV 4-8-1	SoL 5: replaced "5" with "appropriate".	GV 4-8-1 to GV 4-8-2	GV 4-8-1 to GV 4-8-2

HV 4-9-2	Table 4-9-1: Row A middle column: changed “Table 4-9-1” to “Table 4-9-2”. Row D LH column: changed to: “A vehicle with an overall width of 1.8m or more...”. Note below Table 4-9-1: spelling mistake: changed “haas” to “has”. Added superscript 1 after “forward-facing” in the “must” lines for rows B and C. Below the note, added superscript 1 to read: “Vehicles in Table 4-9-2 are exempt.”	HV 4-9-1 to HV 4-9-2	HV 4-9-1 to HV 4-9-2
HV 4-10-1	Note 3 last sentence: bolded “including those fitted by a body builder”. Note 4: Bolded the last sentence.	HV 4-10-1 to HV 4-10-2	HV 4-10-1 to HV 4-10-2
LPSV 4-17-1	This page was missing.	-	LPSV 4-17-1 to LPSV 4-17-2
HV 5-1-2	Removed Note 2. Changed Figure 5-1-7 as follows: RH picture: removed the 225mm, bottom of the windscreen and the related dashed lines. Then moved this picture to the far left to be the first picture in the row.	HV 5-1-1 to HV 5-1-2	HV 5-1-1 to HV 5-1-2
HPSV 6-3-1	Reworded RfR 3: inserted after item “to both”. Turn a) and b) into bullet points.	HPSV 6-3-1 to HPSV 6-3-2	HPSV 6-3-1 to HPSV 6-3-2
LPSV 6-4-1	In heading before RfR 2, added “(Note 1)” after markings. RfR 3.a), changed to read: “... every dedicated emergency exit and power-operated passenger entry and exit door, ...”. RfR 3.b): inserted “(or similar)” after CONTROL. SoL 3.a): changed to read “... every dedicated emergency exit and power-operated passenger entry and exit door, ...”	LPSV 6-4-1 to HPSV 6-4-4	LPSV 6-4-1 to HPSV 6-4-4
HPSV 6-4-1	RfR 3.a), changed to read: “... every dedicated emergency exit and power-operated passenger entry and exit door, ...”. RfR 3.b): inserted “(or similar)” after CONTROL. SoL 3.a): changed to read “... every dedicated emergency exit and power-operated passenger entry and exit door, ...”		
GV 7-1-2	Added ‘unmodified’ before ‘OE...’	GV 7-1-1 to GV 7-1-2	GV 7-1-1 to GV 7-1-2
GV 7-5-9	Note 18: added point (c).	GV 7-5-9 to GV 7-5-10	GV 7-5-9 to GV 7-5-10
GV 7-7-1	Removed ‘Repositioning of secondary controls, switches and fittings’; Added ‘adequate clearance is maintained between all pedals, and’ to Table 7-7-1	GV 7-7-1 to GV 7-7-2	GV 7-7-1 to GV 7-7-2
LPSV 7-9-1	RfR 6.a): remove “current”.	LPSV 7-9-1 to HPSV 7-9-2	LPSV 7-9-1 to HPSV 7-9-2
HPSV 7-9-1	RfR 6.a): remove “current”.		
GV 7-12-1	Added text to end of Note 1 regarding GPS systems	GV 7-12-1 to GV 7-12-2	GV 7-12-1 to GV 7-12-2
GV 8-1-7	‘Aftermarket or custom brake pedal extensions (for unusually short people)’ row: added last two points regarding load, leverage and weight	GV 8-1-7 to GV 8-1-8	GV 8-1-7 to GV 8-1-8
GV 9-1-1	SoL2 and RfR1: replace “30” with “50”.	GV 9-1-1 to GV 9-1-2	GV 9-1-1 to GV 9-1-2

GV 9-1-6	Blocks for leaf spring row: ‘ the suspension has not been raised by any other means, and’ added Row added regarding eccentric bolts/bushes	GV 9-1-5 to GV 9-1-6	GV 9-1-5 to GV 9-1-6
GV 10-1-4	Removed “a non-OE item” – implies that putting on any OE wheel is ok and doesn’t need a check. Changed from: the wheels: – are a non-OE item of known and reputable brand, and Changed to:the wheels: – are of known and reputable brand, and	GV 10-1-3 to GV 10-1-4	GV 10-1-3 to GV 10-1-4
GV 10-2-2	Axle housing replacement row added ‘ the OE drive-shaft(s) is un-modified; and’	GV 10-2-1 to GV 10-2-2	GV 10-2-1 to GV 10-2-2
GV 11-1-2	New Note 7 regarding LVV and turbochargers	GV 11-1-1 to GV 11-1-2	GV 11-1-1 to GV 11-1-2
GV 13-1-2	Removed from first row ‘uses the same ancillary equipment (accelerator linkages etc), and’	GV 13-1-1 to GV 13-1-4	GV 13-1-1 to GV 13-1-4
GV 13-1-3	New Note 3 regarding externally venting wastegates (screamer pipes)		
HV 14-3-1 and HV 14-3-3	Addition of ‘Bolster Attachment Code, issue 2 November 2010’ New requirements added to Table 14-3-1	HV 14-3-1 to HV 14-3-4	HV 14-3-1 to HV 14-3-4

Volume 2			
Motorcycles			
MC 8-1-1	1/4/2002 added to parking brake requirements	MC 8-1-1 to MC 8-1-2	MC 8-1-1 to MC 8-1-2
MC 9-1-1	‘after original manufacture’ added to RfR 1(c) and 2 (c)	MC 9-1-1 to MC 9-1-2	MC 9-1-1 to MC 9-1-2
Trailers			
GT 2-2-1	Table 2-2-1: Middle column for width, added “1.25m from each side of the longitudinal centreline of the trailer”.	GT 2-2-1 to GT 2-2-2	GT 2-2-1 to GT 2-2-2
GT 2-2-5	Figure 2-2-4: For the two simple trailers, changed overall length to 12.5m. For the semi-trailer, changed the overall length to 19m	GT 2-2-5 to GT 2-2-6	GT 2-2-5 to GT 2-2-6
HT 2-2-3	Middle column for rear overhang, added “4m (for a trailer first registered anywhere before 1 December 1989)”.	HT 2-2-3 to HT 2-2-4	HT 2-2-3 to HT 2-2-4
HT 4-9-2	Table 4-9-1: LH column for row C to read: “A vehicle with an overall width of 1.8m or more...”	HT 4-9-1 to HT 4-9-2	HT 4-9-1 to HT 4-9-2
GT 5-1-1	Table 5-1-1, Breakaway Brake for 2000kg or less: changed wording to: “Required unless fitted with an appropriate coupling and a safety chain”.	GT 5-1-1 to GT 5-1-6	GT 5-1-1 to GT 5-1-6
GT 5-1-3 and GT 5-1-4	References to Note 3 added, alignment with General vehicles pages		
GT 5-1-5	RfR28: added at the end “(Note 4)”.		
GT 5-1-6	In definition for direct trailer service brake, replaced “from their driving position” with “by operating the service brake of the towing vehicle”. Added new Note 3: “If a brake is fitted with an inspection port plug, this must be removed for inspection of the brake components.” Added new Note 4: “A breakaway brake on a trailer with a laden weight of 2500kg or less is not required to be functional provided the trailer is fitted with one or two safety chains as required in Table 5-1-1. However, if a trailer does have a functional breakaway brake, then it must not be fitted with safety chains.”		

GT 8-1-1	SoL2 and RfR1, added after “less”: “without a compliant breakaway brake”. SoL3 and RfR 2: Inserted “compliant” before breakaway. Reference to Note 2 added	GT 8-1-1 to GT 8-1-2	GT 8-1-1 to GT 8-1-2
GT 8-1-2	New Note 2		
HT 10-3-1	Made changes regarding log bolsters as for HV pages	HT 10-3-1 to HT 10-3-4	HT 10-3-1 to HT 10-3-4
HT 10-3-3	Made changes regarding log bolsters as for HV pages		
Technical bulletin			
Contents	New TB 3	Contents	Contents
CoF	Insert new bulletin (copy from used entry VIRM TB 21 – seatbelts and aisle obstruction in PSVs)	-	Tech bulletin (CoF) 3

Volume 3			
Forklifts			
F 4-1-1	References to Note 6 added	F 4-1-1 to F 4-1-4	F 4-1-1 to F 4-1-4
F 4-1-4	Added new Note 6 regarding non-compliant headlamps		
F 4-10-1 to F 4-10-2	Made stop lamps permitted equipment for all forklifts to bring into line with direction indicators. 'Mandatory' deleted from headings SoL 1. 'must' changed to 'may' SoL5b deleted Sol 9 and 11 deleted. RFR 1a deleted Rfr 9 addition of 'steady, or' as one of the points. Rfr 8, 9, 11 and 12 deleted Fig 4-10-1 deleted <i>Note – some re-numbering</i>	F 4-10-1 to F 4-10-2	F 4-10-1 to F 4-10-2
F 9-1-1	SoL1 and RfR1: changed 30 to 50.	F 9-1-1 to F 9-1-2	F 9-1-1 to F 9-1-2
Tractors			
T 9-1-1	Deleted SoL1, RfR1 and 'Mandatory equipment' heading	T 9-1-1 to T 9-1-2	T 9-1-1 to T 9-1-2
Unclassified vehicles			
U 9-1-1	SoL1 and RfR1: changed 30 to 50.	U 9-1-1 to U 9-1-2	U 9-1-1 to U 9-1-2

Vehicle inspection requirements manual: In-service certification

Date: _____

Inspection manual topic: _____

Page number needing improvement: _____

Details of suggested improvements: _____

Contact details (in case we need to contact you for further clarification):

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*Vehicles Unit
NZ Transport Agency
PO Box 5084
Wellington 6145
Fax 04 496 6981*

23 November 2011

To: Holders of VIRM: In-service certification (WoF and CoF)

Dear Manual Holder

VIRM: In- service (WoF and CoF) version 4, amendment 3, urgent update 3.1 (December 2011)

This urgent update to your manual covers two changes which are explained below.

1. Recording the transport service licence (TSL) number at CoF inspections

Recording the TSL number against all vehicle inspections is critical to the success and robustness of the Operator Rating System (ORS) going forward. In order to recognise and include the inspections in a rating, a TSL number must be recorded in the system for each inspection, regardless of whether the result is a pass, fail or a temporary permit.

A number of changes have been made to the VIRM, as well as the LATIS manual, that reinforce the requirement to collect and record the TSL number on all inspections for vehicles that require a TSL.

Currently, about 25% of all failed CoF inspections of vehicles requiring a TSL do not have the TSL number recorded in the system. NZTA will identify those testing stations that consistently fail to record TSL numbers and regularly report these to TSDAs for follow-up.

2. End- outline marker lamps

Table 4-9-1 that specifies the requirements for end-outline marker lamps has been simplified and no longer contains requirements for mandatory rear end-outline marker lamps.

Please note that the moratorium issued on 21 October 2011 regarding mandatory rear end-outline marker lamps remains in place for forklifts, tractors and unclassified vehicles until the sections for those vehicles can be amended at the next general VIRM amendment.

Please find enclosed:

- VIRM: in-service certification (WoF and CoF) version 4.3.1 (PDF)

Updating your manual

1. Please print this update double-sided on light- blue paper or use colour printing.
2. Please update your manual as described in the List of changes below.
3. Update your Record of amendments in the front of the VIRM and the Technical information record in your PRS manual.

List of changes

Page	Change	Remove these pages	Add these pages
<i>Volume 1</i>			
Intro 3-19	Add paragraph 4 to 3.7 to clarify that TSL numbers must be recorded in the system for all inspections.	3-19 to 3-20	3-19 to 3-20
HV 4-9-2	Amended Table 4-9-1 to simplify end-outline marker lamps requirements	HV 4-9-1 to 4-9-2	HV 4-9-1 to 4-9-2

HV 16-1-1	Note 2 changed to reinforce requirements for collecting and recording TSL numbers	HV 16-1-1 to 16-1-2	HV 16-1-1 to 16-1-2
LPSV 16-1-1	Note 3 changed to reinforce requirements for collecting and recording TSL numbers	LPSV 16-1-1 to 16-1-2	LPSV 16-1-1 to 16-1-2
HPSV 16-1-1	Note 3 changed to reinforce requirements for collecting and recording TSL numbers	HPSV 16-1-1 to 16-1-2	HPSV 16-1-1 to 16-1-2
<i>Volume 2</i>			
HT 4-9-2	Amended Table 4-9-1 to simplify end-outline marker lamps requirements	HT 4-9-1 to 4-9-2	HT 4-9-1 to 4-9-2
HT 12-1-1	Note 2 changed to reinforce requirements for collecting and recording TSL numbers	HT 12-1-1 to 12-1-2	HT 12-1-1 to 12-1-2

This update will come into effect on 5 December 2011.

Yours sincerely



Tanja Luckow
 Technical Coordinator
 Technical Support

