

Helping New Zealanders Build & Modify Safe Vehicles



Release of Motorcycle Construction Manual Chapters

► Introduction

After a period of careful development and consultation with both LVV Certifiers and industry, LVVTA can now announce the public release of the first six chapters of the NZ Motorcycle Construction Manual (MCM). This new document is intended to sit in parallel to the established Car Construction Manual (CCM), and as further MCM chapters are released the requirements for motorcycles within each Chapter will supplant those of the CCM.

The release of the MCM marks the first time a dedicated framework of requirements for modifying a motorcycle has become available. Further MCM Chapters will be released as they are completed, until an entire equivalent Construction Manual exists specifically for motorcycles. A dedicated Motorcycle Construction Manual has been a long time coming, and like its sister publication the NZCCM, will prove a vital resource for anyone building or modifying a motorcycle.

► Six Chapters Released

The first six chapters released are Chapter 5 (**Frame Modification and Construction**), Chapter 9 (**Engine and Drivetrain**), Chapter 10 (**Fuel Systems**), Chapter 13 (**Body Modification and Construction**), Chapter 14 (**Seating**), and Chapter 15 (**Glazing and Vision**). These Chapters were released to LVV Certifiers in late 2024, and have been 'road tested' in their draft form by LVV Certifiers since then.

Some of the requirements in the new MCM Chapters have been derived from those in the associated CCM chapters, with some specifically developed for motorcycles. All of the requirements (like the rest of the LVV system) are based on time-proven best practice and sound practical engineering principles.

The requirements in these six Chapters must be followed when modifying or inspecting a motorcycle. Where there is not a specific MCM chapter for a particular aspect of a modified motorcycle, the relevant CCM chapter must be used and interpreted by the LVV Certifier for a motorcycle context.

► LVV Standards

Following the Next-generation document format (as detailed in *Information Sheet # 02-2021 - Explanation of Next-generation LVVTA Technical Documents*), the six Chapters are accompanied by six new LVV Standards specific to motorcycles. Each Standard contains the overarching legal framework for the requirements contained in the associated Chapter.

► Finally

The six new chapters of the Motorcycle Construction Manual can be downloaded free of charge from <https://www.lvvta.org.nz/>.

If you have any queries or require any further clarification relating to this information sheet, please contact a member of the LVVTA technical staff by emailing info@lvvta.org.nz.



FOR FURTHER INFORMATION PLEASE CONTACT YOUR LVV CERTIFIER, OR LVVTA.