INFORMATION SHEET
 # 05 - 2026 (October 2026)

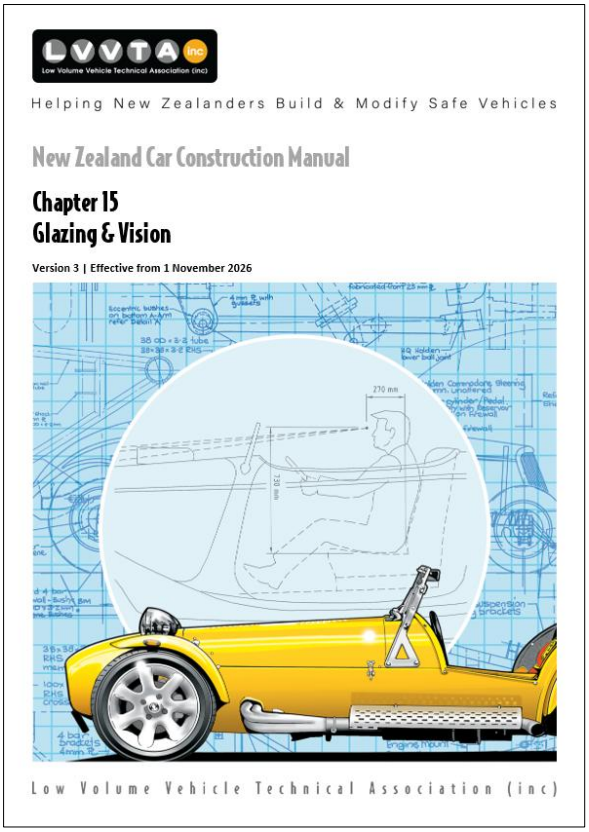
Helping New Zealanders Build & Modify Safe Vehicles

Updated Glazing & Vision Requirements

Introduction

LVVTA has updated the *New Zealand Car Construction Manual (NZCCM) Chapter 15: Glazing & Vision*. As detailed within *LVVTA Information Sheet # 02–2021 (Explanation of 'Next-generation' LVVTA Technical Documents)*, the main reason for the LVVTA technical document system overhaul is to create a clear distinction between the purpose of the LVV Standards and the corresponding NZCCM Chapters. While the Standards and Chapters will still be related, this distinction will reduce duplication, minimise the frequency of LVV standards amendments, and enable either the LVV Standards or the NZCCM Chapters to be amended independently of each other.

From the end user's perspective, the structure of the 'Next-generation' LVVTA technical documents reduces the function of the LVV standards to laying out the legal framework for vehicle modification and construction requirements, and uses the NZCCM chapters to show modifiers and builders how compliance with the LVV standards can be met in a practical and achievable manner.



As part of the changes to *Chapter 15*, there are one updated and two new *LVV Standards*:

- *110-00(00) Glazing*
- *200-30(02) Rear-view Mirrors*
- *200-50(00) Windscreen Wipe & Wash*

In simple terms, *Chapter 15: Glazing & Vision* now contains all of the technical requirements for modifications to a braking system, and is the 'single source of truth' for both modifiers and LVV Certifiers. The three related *LVV Standards* have become simple overarching legal documents. *110-00(00) Glazing* and *200-50(00) Windscreen Wipe & Wash* are brand new Standards created to accompany Chapter 15, and the existing *200-30(02) Rear-view Mirrors* has had all of its technical content removed, as this now lives in the Chapter.

Chapter Updates

The biggest change in the new Chapter 15 is that for the first time, there are clear requirements around the amount of windscreen that a vehicle's windscreen wipers need to sweep. Historically, this has been a bugbear for car builders, particularly those of hot rods with chopped windscreens. There has also been a relaxation for the amount of sweep required of modified production vehicles, which essentially only needs to be as good as when the vehicle rolled off the production line, even if the windscreen has been chopped. By putting a quantifiable and finite number on the amount of swept area required, this ensures consistent outcomes across the country, and gives modifiers a clear target to achieve when building a car.

These requirements have taken time to develop, and have included countless hours of research and modelling by LVVTA technical staff to find out what's commonplace among vehicle builders for screen height and swept area. A large amount of Useful Information has been added to the Chapter to explain the reasoning behind the new requirements, and to help modifiers to work out their swept areas.

Other changes include clarification of the difference between a windscreen and a wind deflector, and a way of determining which is which by measurement has been introduced. The same principle still applies, that if a driver looks over the glazing it's a wind deflector, but now with a measurement this removes any subjectivity.

Rear-view mirror requirements have been simplified and aligned with what's required for a Warrant of Fitness, and requirements for plastic glazing have been updated, as well as some Useful Information added for what sort of proof of compliance is needed when fitting polycarbonate windows.

Further Information

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

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