



LVV Frontal Impact Standard and Interior Impact Standard, and associated survey sheets

This information sheet covers the release of the following LVVTA Low Volume Vehicle Standards and LVVTA Survey sheets:

- LVVTA Standard **155-30(00) (Frontal Impact)**
- LVVTA Survey Process Sheet # **FS027 – Frontal Impact**
- LVVTA Standard **155-40(00) (Interior Impact)**
- LVVTA Survey Process Sheet # **FS021 – Interior Impact**

The Frontal Impact Standard

This standard has been under development for some time, each draft reflecting developments in LTNZ policy in the area of frontal impact, particularly with later model vehicles that have been manufactured to meet approved frontal impact standards.

A big part of this deliberation has been associated with when and how airbags can be removed or disabled, and the outcome of this is contained within 2.3 of the attached standard.

The standard also sets out basic principles associated with the modification and construction of vehicles, taking into consideration the importance of frontal impact energy absorption in occupant protection packages. This is an incredibly complex issue, being one where 'rocket science' cannot be applied practicably to hobby vehicles. Any future developments will bear this in mind.

Frontal Impact Survey Process Sheet # FS027

This is a straightforward and simple survey sheet to assist you in the inspection process of a scratch-built vehicle, or a vehicle where modifications have been made that could affect the vehicle's frontal impact protection system.

Interior Impact Standard

Again, like the frontal impact standard, this has proven to be a technically difficult subject to sort out.

The standard eventually became clearer when we established 'zones', all of which have differing levels of importance in terms of interior impact design. When you first read through it, it may initially appear complicated, but we're confident that once you've got your head around principle of the zones, you'll find the standard easy to use.

The free zones running down through the console and central dash area will make things easier in the hobby car world.

Note that the LVVTA airbag removal/disablement request form referred to in this standard will be forwarded in the next mail out.

This LVV Standard replaces section 8.13 of the NZHRA Code of Construction Manual, as of 1 June 2002.

The Interior Impact Survey Process Sheet # FS021

This is a straightforward survey sheet to assist you in the inspection process of a scratch-built vehicle, or a vehicle where modifications have been made that could affect the vehicle's interior impact protection system.

Finally...

If you have any queries or require any further clarification relating to this Information Sheet, or any of the documents referred to within it, please feel to contact me at the LVVTA office on (09) 268-9550.

Tony Johnson
Technical Officer