

Release of New and Amended LVVTA LVV Standards and Form-sets

This information sheet covers the release and re-release of the following documents:

- **New LVVTA LVV Standard 185-00(00) (Seats and Seat Anchorages)**
- **Revised LVVTA LVV Standard 45-30(01) (Disability Adaptive Control Systems)**
- **Revised LVVTA LVV Standard 190-70(01) (Right-Hand Drive Steering Conversions)**
- **New LVVTA LVV Form-set FS-030 (Seats and Seat Anchorages)**
- **Revised LVVTA LVV Form-set FS-029 (Disability Adaptive Control Systems)**
- **Revised LVVTA LVV Form-set FS-007 (Right-hand Drive Steering Conversions)**
- **Revised LVVTA LVV Form-set FS-028 (Terrano D21 Rear Floor Modification Procedure)**
- **Revised LVVTA LVV Form-set FS-005 (Removal/Disablement of Airbags)**
- **New LVVTA Component Approval Certificate for 'Menox' brand Hand Controls**

New & revised LVV Standards

New LVV Standard 185-00(00) (Seats and Seat Anchorages)

Finally, the LVVTA Seat & Seat Anchorage Standard is finished. This standard, as a result of being a very complex subject, has taken, on an off, around three years to complete. It's without doubt the most difficult LVV Standard we've developed, and I doubt we'll ever come across another subject that provides as many challenges.

This Standard sets the technical requirements for seats and seat anchorages for use in road-going vehicles, and includes design, construction and installation requirements for forward, rear and side-facing seats, both stressed and unstressed and all attachment requirements. In addition, we've tried to cover as many of the 'what-if' scenarios as possible, such as entry and access issues, support systems for rearward-facing seats, dealing with false floors, providing under-floor mounting plate specifications, and a 'recipe'-based attachment solution to deal with the problem of the massive loads that would be applied in a crash by stressed seats.

Unfortunately, because of the complexities of the subject, the standard itself is, unavoidably, very complex, and very lengthy. It can't be otherwise if the standard is to adequately deal with the many questions relating to seats and seat anchorages that need to be answered. The trick for the LVV certifiers is to not be daunted by the standard, but get used to it by first using it a bit at a time. Don't try and get your head around it in one sitting. Pick a subject that you need to learn about, such as the old problem of rearward-facing seats in a van that have no support in the event of a frontal crash, find the section in the standard that deals with that subject, and learn about the options available to you as a LVV certifier.

No doubt there will be changes and amendments to the standard required later on as you all get used to using it and find things that need to be fixed, improved, or added to, but that can be managed – just let us know of these things as you encounter them.

This LVV Standard takes effect from 1 October 2004.

Insert this new standard into Section 2 of your white LVV Certifiers' Manual.

Revised LVV Standard 45-30(01) (Disability Adaptive Control Systems)

The primary reason that the LVV Disability Adaptive Control Systems Standard has been revised and re-issued has been to allow for the use of a new type of hand control system that is fundamentally different to normal hand control systems, in that it does not attach to the steering column. As a result, these systems were unable to be approved under the original version of the standard. There was never any doubt about the system, but rather that the system was unknown to all parties involved in the development of the standard, and only became available after the standard was released. The 'Menox' brand hand control system has been issued with an LVVTA Component Approval Certificate, and the LVV Standard recognises that Certificate enabling a LVV Certifier to approve such a system under the Low Volume Vehicle Code.

The changes to the standard are shown by the presence of a vertical stroke in the left margin of any affected paragraphs, plus shading showing the actual parts of the paragraph that have been changed. You should familiarise yourself with these changed areas.

This LVV Standard takes effect from 1 October 2004.

Insert this revised standard into Section 2 of your white LVV Certifiers' Manual and discard the previous version.

Revised LVV Standard 190-70(01) (Right Hand Drive Steering Conversions)

This standard had to be amended due to a recent industry debate on foot-operated park-brake systems on vehicles converted to right hand drive, the outcome of which had to be incorporated within the Right-hand Drive Steering Conversion Standard. While amending the standard, the opportunity was taken to carry out a number of other changes and improvements, plus carry out some general tidying and aligning with newer standards in terms of scope and application, and formatting.

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This LVV Standard takes effect from 1 October 2004.

Insert this revised standard into Section 2 of your white LVV Certifiers' Manual and discard the previous version.

New LVV Form-sets

New LVV Form-set FS-030 (Seats and Seat Anchorages)

This new Form-set is to be used when applying the technical requirements contained in the new LVV Standard for Seats and Seat Anchorages.

Insert this new Form-set into Section 5 of your white LVV Certifiers' Manual and discard the previous version.

Revised LVV Form-set FS-029 (Disability Adaptive Control Systems)

This revised Form-set is to be used when applying the technical requirements contained in the revised LVV Standard for Disability Adaptive Control Systems.

Insert this revised Form-set into Section 5 of your white LVV Certifiers' Manual and discard the previous version.

Revised LVV Form-set FS-007 (Right-hand Drive Steering Conversions)

This revised Form-set is to be used when applying the technical requirements contained in the revised LVV Standard for Right-hand Drive Steering Conversions.

Insert this revised Form-set into Section 5 of your white LVV Certifiers' Manual and discard the previous version.

Revised LVVTA LVV Form-set FS-028 (Terrano Floor Rust Procedure)

This form-set has undergone very slight revision, involving only a change of sequence of some of the lines, in order to align with the amended Information Sheet.

Insert this revised Form-set into Section 5 of your white LVV Certifiers' Manual and discard the earlier version.

New Component Approval Certificate for Menox Hand Controls

This component approval certificate is referred to, and required by, the relevant part of the LVV Disability Adaptive Control Systems Standard. It records the details of the LVVTA approval for use of the 'Menox' brand system, which allows the systems to be approved under the Low Volume Vehicle Code.

Insert this new Component Approval Certificate into Section 5 of your white LVV Certifiers' Manual.