



**Economic and Social
Council**

Distr.
GENERAL

ECE/TRANS/WP.29/2006/113
13 July 2006

ENGLISH
Original: ENGLISH AND FRENCH

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

One-hundred-and-fortieth session
Geneva, 14-17 November 2006
Item 4.2.7. of the provisional agenda

PROPOSAL FOR SUPPLEMENT 18 TO THE
04 SERIES OF AMENDMENTS TO REGULATION No. 16
(Safety belts)

Transmitted by the Working Party on Passive Safety (GRSP)

Note: The text reproduced below was adopted by GRSP at its thirty-ninth session. It is based on TRANS/WP.29/GRSP/2005/16, as amended by paragraph 21 of the report and on ECE/TRANS/WP.29/GRSP/2006/8, not amended. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRSP/39, paras. 21 and 37).

This document is a working document circulated for discussion and comments. The use of this document for other purposes is the entire responsibility of the user.
Documents are also available via the INTERNET:

<http://www.unece.org/trans/main/welcwp29.htm>

Paragraph 1., amend to read:

"1. SCOPE

This Regulation applies to:

- 1.1. Vehicles of category M, N, O, L₂, L₄, L₅, L₆, L₇ and T */, with regard to the installation of safety-belts and restraint systems which are intended for separate use, i.e. as individual fittings, by persons of adult build occupying forward or rearward-facing seats;
- 1.2. Safety-belts and restraint systems which are intended for separate use, i.e. as individual fittings, by persons of adult build occupying forward or rearward-facing seats, and are designed for installation in vehicles of category M, N, O, L₂, L₄, L₅, L₆, L₇ and T */;
- 1.3. Vehicles of category M₁ and N₁ */ with regard to the installation of child restraint systems and ISOFIX child restraint systems.

*/ As defined in Annex 7 to the Consolidated Resolution on the Construction of vehicles (R.E.3), document TRANS/WP.29/78/Rev.1/Amend.2, as last amended by Amendment 4."

Paragraph 8.1.1., amend to read (including footnote */):

"8.1.1. With the exception of folding seats (as defined in Regulation No. 14) and seating intended solely for use when the vehicle is stationary, the seats of vehicles of categories M and N (except those vehicles of categories M₂ and M₃ which belong to Classes I, II or A */) shall be equipped with safety-belts or restraint systems which satisfy the requirements of this Regulation.

*/ As defined in Annex 7 to the Consolidated Resolution on the Construction of vehicles (R.E.3), document TRANS/WP.29/78/Rev.1/Amend.2, as last amended by Amendment 4."

Paragraph 8.2.2.5., amend to read:

"8.2.2.5. The technical service shall verify that, with the buckle tongue engaged in the buckle: "

Paragraph 8.2.2.5.2., amend to read:

"8.2.2.5.2. in the case of three-point belts, a tension of at least 50 N can be established in the lap section of the belt by external application of tension in the diagonal section of the belt, when positioned:
(a) on a 10-year manikin as specified in Annex 8, Appendix 1 to Regulation No. 44 and set in accordance with Annex 17, Appendix 4 to the present Regulation;

- (b) or on the fixture specified in Annex 17, Appendix 1, figure 1 to the present Regulation for the seats that enable the installation of a child restraint device of universal category."

Annex 17, insert a new Appendix 4 to read:

"Annex 17 – Appendix 4

INSTALLATION OF 10-YEAR MANIKIN

- (a) Adjust the seat to its fully rearward position.
- (b) Adjust the seat height in accordance with the manufacturer's specifications. In the absence of any specification, adjust the seat to the lowest position.
- (c) Adjust the seat back angle to the manufacturer's design position. In the absence of any specification, an angle of 25 degrees from the vertical, or the nearest fixed position of the seat back, should be used.
- (d) Set the shoulder anchorage to the lowest position.
- (e) Set the manikin on the seat ensuring that the pelvis is in contact with the seat back.
- (f) The longitudinal plan passing by the manikin centre line will be on the apparent centre line of the seating position."
