



**Economic and Social
Council**

Distr.
RESTRICTED

TRANS/WP.29/GRSP/2003/8
20 March 2003

Original: ENGLISH
ENGLISH AND FRENCH ONLY

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

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

Working Party on Passive Safety (GRSP)
(Thirty-third session, 2-6 June 2003,
agenda item B.1.6.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 44
(Child restraints)

Transmitted by the Expert from Germany

Note: The text reproduced below was transmitted by the expert from Germany on behalf of the Technical Services Group on Regulation No. 44 in order to improve the text of the Regulation.

Note: This document is distributed to the Experts on Passive Safety only.

A. PROPOSAL

Paragraph 2.1.3., amend to read:

“

... of its own integral strap or straps, ISOFIX or other devices not using ISOFIX anchorages system;

a non-integral class that may comprise ”

Insert a new paragraph 8.1.3.7.8., to read:

“8.1.3.7.8. If a child restraint system in group 0 or 0+ offers different configurations depending on the mass of the child, each configuration shall be tested with both manikins of the respective mass group.”

Annex 17,

Paragraphs 3.1. to 3.3., amend to read:

“3.1. The test shall be conducted on a completely assembled child restraint with a minimum of modification only where necessary to ensure access for the support (directly beneath the point of impact) and for the impactor device and such that there is minimal effect on the performance by the modification.

3.2. The assembled child restraint shall be fully supported on its outer surface in the region of impact and be supported directly beneath the point of impact on a smooth rigid base, for example a solid concrete plinth.

3.3. Raise the headform to a height of 100 –0/+5 mm from the respective upper surfaces of the assembled child restraint to the lowest point on the headform, and allow it to fall. Record the acceleration experienced by the headform during impact.”

* * *

B. JUSTIFICATION

Ref. para .2.1.3.:

The integral category applies also to ISOFIX and to possibly further fixations.

Ref. para. 8.1.3.7.8.:

There have been child restraints with a dangerous configuration for newborn children, which could not be measured with the non instrumented newborn manikin but only with the bigger manikin.

Ref. annex 17, paras. 3.1. to 3.3.:

The old text allowed different sampling for testing with sometimes very different results. The new text makes sampling clear and unique.
