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World Forum for Harmonization of Vehicle Regulations

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Item 4.2.12 of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for Corrigendum 3 to Revision 2 to Regulation No. 44
(Child restraints)

Submitted by the Working Party on Passive Safety */

The text reproduced below was adopted by the Working Party on Passive Safety (GRSP) at its forty-fifth session. It is based on ECE/TRANS/WP.29/GRSP/2009/9, not amended. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration (ECE/TRANS/WP.29/GRSP/45, para. 28).

*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraph 7.1.2.1., amend to read:

"7.1.2.1. For all devices with backrests, the areas defined in Annex 18 to this regulation, when tested according to Annex 17, shall give a peak acceleration of less than 60 g. This requirement applies also to areas of impact shields which are in the head strike area."

Paragraph 7.1.2.2., amend to read:

"7.1.2.2. In the case of child restraint systems with permanent mechanically attached adjustable head support devices, in which the height of either the adult safety belt or of the child harness is directly controlled by the adjustable head support, it is not necessary to demand energy absorption in areas as defined in Annex 18, which are not contactable by the manikin's head, i.e. behind the head support."

Annex 15, the explanatory note of paragraph 7.1.2.1. and Annexes 17 and 18, shall be deleted.

Annex 17,

Paragraph 3.1., shall be deleted

Paragraph 3.2.(former), renumber as paragraph 3.1. and amend to read:

"3.1. The assembled child restraint shall be placed in the region of impact on a rigid flat surface, whose minimum dimensions are 500 x 500 mm, so that the direction of impact is perpendicular to the inner surface of the child restraint system in the area of impact."

Paragraph 3.3.(former), renumber as paragraph 3.2.

Annex 18,

Paragraph 1., amend to read:

"1. Place the device on the test seat described in Annex 6. Reclinable devices shall be set in the most upright position. Place the smallest manikin in the device in accordance with the manufacturer's instructions. Mark a point "A" on the backrest on the same horizontal level as the shoulder of the smallest manikin at a point 2 cm inside the outer edge of the arm. All internal surfaces above the horizontal plane passing through point A, shall be tested in accordance with Annex 17. This area shall include the backrest and side wings, including the inner edges (zone of radius) of the side wings. In the case of carrycot devices where a symmetrical installation of the dummy is not possible according to the device and manufacturer instructions, the area complying with Annex 17 shall be all internal surfaces above a point "A", as previously defined, in the head direction, when measured with this dummy in the carrycot in its worst position consistent with the manufacturer instructions and the carrycot positioned on the test bench.

If a symmetrical installation of the dummy in the carrycot may be possible, the whole inner area shall comply with Annex 17."
