

## **Proposal for Supplement 5 to the 01 series of amendments and Supplement 4 to the 02 series of amendments to UN Regulation No. 129**

### **Submitted by the expert from the European Association of Automotive Suppliers**

The text reproduced below was prepared by the expert from the European Association of Automotive Suppliers (CLEPA) to correct an omission in the Supplement 3 to the 01 series of amendments to R129. The modifications made are based on ECE/TRANS/WP.29/GRSP/2017/15 as amended by Annex VI to the report ECE/TRANS/WP.29/GRSP/61, which are marked in bold.

### **I. Proposal**

*Paragraph 6.6.4.4.1.2.1. amend to read:*

"6.6.4.4.1.2.1. Head excursion: No part of the head of the dummy shall pass beyond the planes FD, FG and DE, as shown in Figure 2 below. This shall be judged up to 300 ms or the moment that the dummy has come to a definitive standstill whatever occurs first.

Except when testing using Q6 dummy where:  
The value in relation to the FD plane is 840 mm.

**In the case there is a contact of such an Enhanced Child Restraint System with the 100 mm diameter bar and all injury assessment and dummy's head displacement criteria are met, there shall be one further dynamic test (front impact) with the heaviest dummy intended for the given range of size indication and without the 100 mm diameter bar; the requirements for this test are that all criteria other than forward displacement shall be met.**

Where a test is conducted with paragraph 6.6.4.1.6.1.1. or paragraph 6.6.4.1.6.1.2. or paragraph 6.6.4.1.8.2. above, only the second configuration test results without 100 mm diameter bar will be considered.

..."

## **Supplement 1 to the 03 series of amendments to UN Regulation No. 129**

*Paragraph 6.6.4.4.1.2.1., amend to read:*

"6.6.4.4.1.2.1. Head excursion: no part of the head of the dummy shall pass beyond the planes FD, FG and DE, as shown in figure 2 below. This shall be judged up to 300 ms or the moment that the dummy has come to a definitive standstill whatever occurs first.

Except when testing using Q6 or Q3 dummy where the value in relation to the FD plane is 840 mm.

**In the case there is a contact of such an Enhanced Child Restraint System with the 100 mm diameter bar and all injury assessment and dummy's head displacement criteria are met, there shall be one further**

**dynamic test (front impact) with the heaviest dummy intended for the given range of size indication and without the 100 mm diameter bar; the requirements for this test are that all criteria other than forward displacement shall be met.**

Where a test is conducted with paragraphs 6.6.4.1.6.1.1. or paragraph 6.6.4.1.6.1.2. or paragraph 6.6.4.1.8.2. above, only the second test results without 100 mm diameter bar will be considered.

...”

## II. Justification

During the sixty-first session of GRSP informal documents GRSP-61-15-Rev.1 and GRSP-61-16-Rev.1 were adopted by GRSP superseding respectively ECE/TRANS/WP.29/GRSP/2017/15 (Supplement 3 to the 01 series of amendments) and ECE/TRANS/WP.29/GRSP/2017/16 (Supplement 2 to the 02 series of amendments), see ECE/TRANS/WP.29/GRSP/61, para. 35. The amendments introduced by the above mentioned informal documents to the official documents ECE/TRANS/WP.29/GRSP/2017/15 and ECE/TRANS/WP.29/GRSP/2017/16 were reproduced in Annex VI to report ECE/TRANS/WP.29/GRSP/61. The above text in bold of paragraph 6.6.4.4.1.2.1. was mistakenly omitted by the author of GRSP-61-15-Rev.1 and GRSP-61-16-Rev.1.

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