

6 August 2007

## **AGREEMENT**

**CONCERNING THE ADOPTION OF UNIFORM TECHNICAL PRESCRIPTIONS  
FOR WHEELED VEHICLES, EQUIPMENT AND PARTS WHICH CAN BE FITTED  
AND/OR BE USED ON WHEELED VEHICLES AND THE CONDITIONS FOR  
RECIPROCAL RECOGNITION OF APPROVALS GRANTED ON THE BASIS OF  
THESE PRESCRIPTIONS \*/**

(Revision 2, including the amendments that entered into force on 16 October 1995)

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**Addendum 16: Regulation No. 17**

**Revision 4 - Amendment 1**

Supplement 3 to the 07 series of amendments - Date of entry into force: 11 June 2007

**UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES WITH  
REGARD TO THE SEATS, THEIR ANCHORAGES AND ANY HEAD RESTRAINTS**



**UNITED NATIONS**

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\*/ Former title of the Agreement:

Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

GE.07-

Paragraph 1., amend to read (including the deletion of footnote 2/):

"1. SCOPE

This Regulation applies to:

- (a) Vehicles of categories M<sub>1</sub> and N 1/ with regard to the strength of seats and their anchorages and with regard to their head restraints;
- (b) Vehicles of categories M<sub>2</sub> and M<sub>3</sub> 1/ with regard to seats not covered by Regulation No. 80, in respect of the strength of seats and their anchorages, and in respect of their head restraints;
- (c) Vehicles of category M<sub>1</sub> with regard to the design of the rear parts of seat backs and the design of devices intended to protect the occupants from the danger resulting from the displacement of luggage in a frontal impact.

It does not apply to vehicles with regard to folding, side-facing or rearward-facing seats, or to any head restraint fitted to these seats.

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1/ 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 4.4.1., the reference to footnote 3/ and footnote 3/, renumber as footnote 2/, and amend to read:

"2/ 1 for Germany, ..., 10 for Serbia, ..., 47 for South Africa, 48 for New Zealand, 49 for Cyprus, 50 for Malta, 51 for the Republic of Korea, 52 for Malaysia, 53 for Thailand, 54 and 55 (vacant) and 56 for Montenegro. Subsequent numbers ..."

Paragraph 5.1., the reference to footnote 4/ and footnote 4/, renumber as footnote 3/.

Paragraph 5.1.3.2., amend to read:

"5.1.3.2. The requirements of paragraph 5.1.3. shall not apply to rearmost seats, to back-to-back seats or to seats that comply with the provisions of Regulation No. 21 "Uniform Provisions concerning the Approval of Vehicles with regard to their Interior Fittings" (E/ECE/324-E/ECE/TRANS/505/Rev.1/Add.20/Rev.2, as last amended)."

Paragraph 5.1.4.1.2., amend to read:

"5.1.4.1.2. Rearmost seats, to back-to-back seats or to seats that comply with the provisions of Regulation No. 21 "Uniform Provisions concerning the Approval of Vehicles with regard to their Interior Fittings" (E/ECE/324-E/ECE/TRANS/505/Rev.1/Add.20/Rev.2, as last amended);"

Paragraphs 6.3.1. and 6.3.2., amend to read:

- "6.3.1. A longitudinal horizontal deceleration or, at the choice of the applicant, acceleration of not less than 20 g shall be applied for 30 milliseconds in a direction to the whole shell of the vehicle imitating a frontal collision, in accordance with the requirements of Annex 7, paragraph 1. At the request of the manufacturer the test pulse described in Annex 9 - appendix may be used alternatively.
- 6.3.2. A longitudinal deceleration or, at the choice of the applicant, acceleration in accordance with the requirements of paragraph 6.3.1. shall be applied imitating a rear collision."

Annex 1,

Insert a new item 10., to read:

"10. Type of device: deceleration/acceleration 2/"

Items 10. to 21. (former), renumber as items 11. to 22.

Annex 6, paragraph 2., correct the word "decelerometers" to read "accelerometers".

Annex 7, paragraph 1.5., amend to read:

"1.5. The trolley deceleration or acceleration is measured with data channels of frequency class (CFC) 60 corresponding to the characteristics of International Standard ISO 6487 (2002)."

Annex 9, paragraph 3.1., amend to read:

"3.1. The body of the passenger car shall be anchored securely to a test sled, and this anchorage shall not act as reinforcement for seat-backs and the partitioning system. After the installation of the test blocks as described in paragraph 2.1. or 2.2., the passenger car body shall be decelerated or, at the choice of the applicant, accelerated such that the curve remains within the area of the graph in Annex 9, Appendix, and the total velocity change  $\Delta V$  is 50 +0/-2 km/h. With the agreement of the manufacturer, the above described test pulse corridor can be used alternatively to fulfil the test of the seat strength according to paragraph 6.3.1."

Annex 9 – Appendix,

The heading of the graph, amend to read:

"Annex 9 - Appendix

CORRIDOR OF SLED'S DECELERATION OR ACCELERATION  
AS A FUNCTION OF TIME  
(Simulation of frontal impact)"

The graph, amend the figure "Deceleration in g" to read "g level".

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