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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Passive Safety****Forty-ninth session**

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Item 10 of the provisional agenda

Regulation No. 16 (Safety-belts)**Proposal for Supplement 2 to the 06 series of amendments****Submitted by the experts from Belgium and Germany***

The text reproduced below was prepared by the experts from Belgium and Germany to introduce requirements for side-facing seats into vehicles of category M₃ (Class II, III and B). It supersedes ECE/TRANS/WP.29/GRSP/2010/34 and is also based on a document without a symbol (GRSP-48-36) distributed during the forty-eighth session of the Working Party on Passive Safety (GRSP). The modifications to the current text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraphs 1.1. and 1.2., amend to read:

- "1.1. Vehicles of category M, N, O, L2, L4, L5, L6, L7 and T¹), 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-**facing**, ~~or~~ rearward-facing **and side-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-**facing**, ~~or~~ rearward-facing **and side-facing** seats, and are designed for installation in vehicles of category M, N, O, L2, L4, L5, L6, L7 and T¹);"

Insert a new paragraph 1.6., to read:

- "1.6. **At the request of the manufacturer, it also applies to safety-belts designated for installation on side-facing seats in vehicles of categories M₂ (Class II, III or B) and M₃ (Class II, III or B).¹**"

Insert new paragraphs 2.18.2. to 2.18.4., to read:

- "2.18.2. **"Forward-facing seat"** means a seat which can be used while the vehicle is in motion and which faces towards the front of the vehicle in such a manner that the vertical plane of symmetry of the seat forms an angle of less than + 10° or - 10° with the vertical plane of symmetry of the vehicle.
- 2.18.3. **"Rearward-facing seat"** means a seat which can be used while the vehicle is in motion and which faces towards the rear of the vehicle in such a manner that the vertical plane of symmetry of the seat forms an angle of less than + 10° or - 10° with the vertical plane of symmetry of the vehicle.
- 2.18.4. **"Side-facing seat"** means a seat which can be used while the vehicle is in motion and which faces towards the side of the vehicle in such a manner that the vertical plane of symmetry of the seat forms an angle of 90° ($\pm 10^\circ$) with the vertical plane of symmetry of the vehicle."

Annex 16, the table, insert a new column "side-facing", to read:

"Annex 16

Minimum requirements for Safety-belts and Retractors

Vehicle Category	Forward-facing seating positions				Rearward-facing seating positions	Side-facing seating position
	Outboard seating positions		Centre seating position			
	Front	Other than front	Front	Other than front		
M ₁	
M ₂ ≤ 3.5 t	
M ₂ > 3.5 t	
M ₃	Br3, Br4m and Br4Nm
N ₁	
	
N ₂	
N ₃	

..."

II. Justification

1. This proposal introduces the necessary requirements to take into account the installation of side-facing seats under certain conditions.
 2. As the proposal does not influence requirements, test procedures, etc. there is no need to distinguish between safety-belts approved before the date of entry force of Supplement 1 to the 06 series of amendments to Regulation No. 16 and those approved after that date.
 3. Consequently there are no transitional provisions defined.
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