



## Economic and Social Council

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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

#### Working Party on Passive Safety

#### Forty-seventh session

Geneva, 17–21 May 2010

Item 11 of the provisional agenda

#### Regulation No. 16 (Safety-belts)

### Proposal for Supplement 1 to the 06 series of amendments to Regulation No. 16

#### Submitted by the experts from Belgium and Germany\*

The text reproduced below was prepared by the experts from Belgium and Germany in order to introduce prescriptions for side-facing seats in vehicles of category M<sub>3</sub> (Class II, III and B). This proposal supersedes GRSP-46-15, distributed during the forty-sixth session of the Working Party on Passive Safety (GRSP). The modifications to the current text of the Regulation are marked in bold or strikethrough characters.

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\* 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 the performance of vehicles. The present document is submitted in conformity with that mandate.

## I. Proposal

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 whilst 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 whilst 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 whilst 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, insert a new column "side-facing", to read:

“Annex 16 MINIMUM REQUIREMENTS FOR SAFETY-BELTS AND RETRACTORS						
Vehicle Category	Forward facing seating positions				Rear facing Seating positions	Side- facing
	Outboard seating positions		Centre seating position			
	Front	Other than front	Front	Other than front		
M1	...	...	...	...	...	
M2 ≤ 3.5 t	...	...	...	...	...	
M2 > 3.5 t	...	...	...	...	...	
M3	...	...	...	...	...	<b>Br3,Br4m and Br4Nm</b>
N1	...	...	...	...	...	
	...	...	...	...	...	
N2 N3	...	...	...	...	...	
	...	...	...	...	...	

...”

## **II. Justification**

This proposal introduces the necessary requirements to take into account the installation of side-facing seats under certain conditions.

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