

Proposal for Supplement 2 to the 07 series of amendments to Regulation No. 14
(Safety-belt anchorages)

Submitted by the experts from Germany and Belgium

Note: The text reproduced below was prepared by the experts from Germany and Belgium in order to introduce prescriptions for side-facing seats in vehicles of category M₃ (Class II, III and B).

The modifications to the current text of the Regulation are marked in bold and strikethrough characters.

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A. PROPOSAL

Paragraph 1, amend to read:

"1. SCOPE

This Regulation applies to:

- (a) Vehicles of categories M and N 1/ with regard to their anchorages for safety belts intended for adult occupants of ~~forward-facing or rearward-facing~~ seats.
- (b) Vehicles of category M₁ with regard to their ISOFIX anchorage systems and their ISOFIX top tether anchorages intended for child restraint systems. Other categories of vehicles fitted with ISOFIX anchorages have also to comply with the provisions of this Regulation."

Insert new paragraphs 2.6.2. to 2.6.4., to read:

"2.6.2 "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;

2.6.3 "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;

2.6.4 "Side-facing seat" means a seat which, with regard to its alignment with the vertical plane of symmetry of the vehicle, does not meet either of the definitions given in 2.6.2. or 2.6.3. above;"

Insert a new paragraph 5.3.10., to read:

"5.3.10. For side-facing seats in vehicles of category M₃ (of class III or B) of a technically permissible maximum laden mass exceeding 10 tonnes the minimum number of safety-belt anchorages shall be those specified in Annex 6."

Insert new paragraphs 6.4.7. to 6.4.8.3., to read:

"6.4.7. Test in the case of side-facing seats

6.4.7.1. The anchorage points shall be tested according to the forces prescribed in paragraph 6.4.1., 6.4.2. or 6.4.3., as appropriate. In each case the test load shall correspond to the load prescribed for M₃ vehicles.

6.4.7.2. The test load shall be directed forward in relation to the vehicle, corresponding to the procedure prescribed in paragraph 6.3.

6.4.7.3. Traction devices adapted for the test of side-facing seats are shown in Annex 5 Figure 1c.

6.4.8 Test of the basic structure of side-facing seats

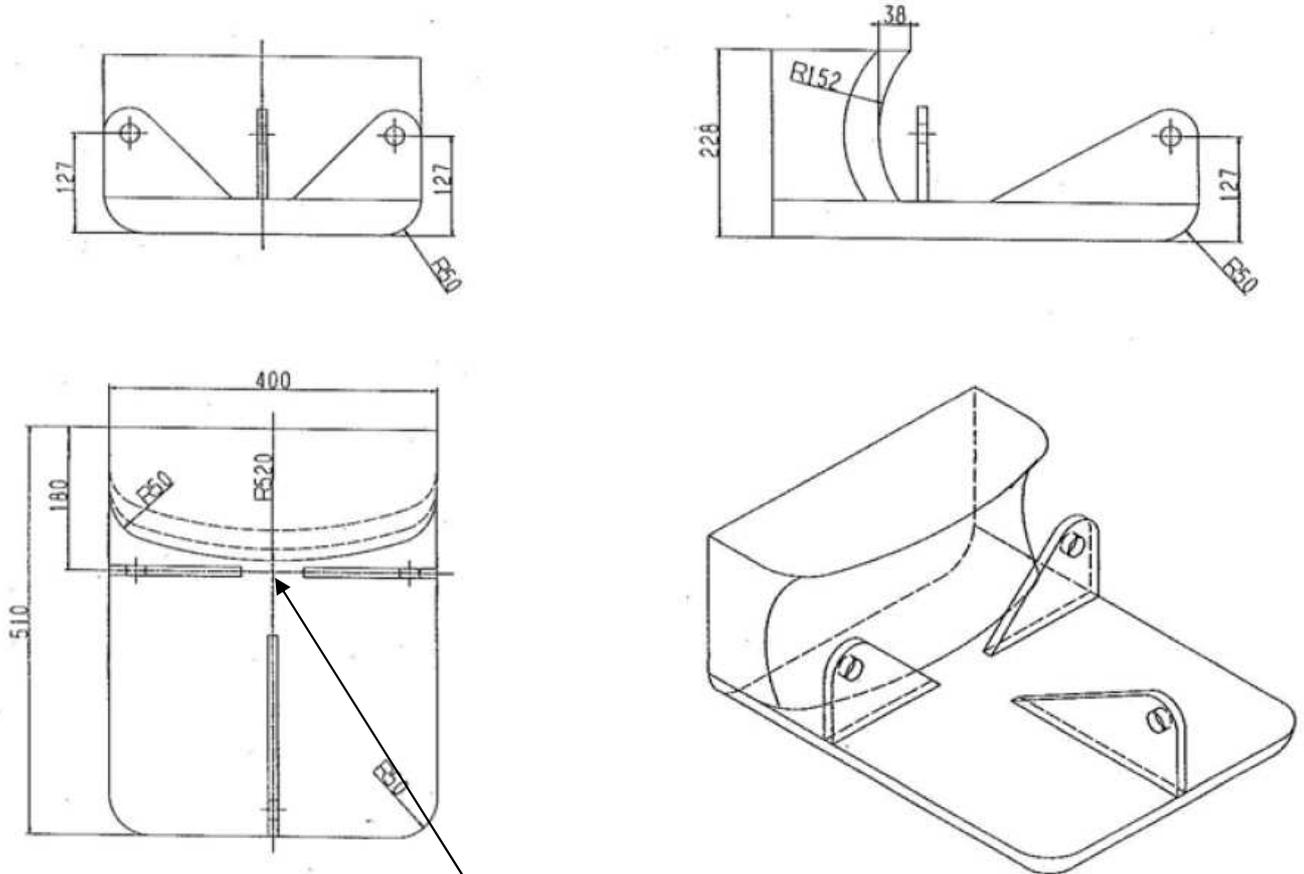
6.4.8.1. The basic structure of a side facing seat or a group of side facing seats shall be tested as prescribed in paragraph 6.4.3. The test load shall correspond to the test load prescribed for M₃ vehicles.

6.4.8.2. The test load shall be directed forward in relation to the vehicle, corresponding to the procedure prescribed in paragraph 6.3. In the case that side facing seats are grouped together the basic structure shall be tested simultaneously for each seating position in the group.

6.4.8.3. The point of application of the forces prescribed in paragraph 6.4.3. and 6.4.4. shall be as close as possible to the H-Point and on the line defined by a horizontal plane and a vertical transverse plane through the relevant H-Point of each seating position."

Annex 5,

Insert a new Figure 1b, to read:



cloth covered foam, thickness 25

Annex 6, the table, insert a new column "Side-facing", to read:

Vehicle Category	Forward facing seating positions	Rear facing	Side facing
M1	unchanged	unchanged	
M2 ≤ 3,5 t			
M2 > 3,5 t			
M3			2
N1			
N2			
N3			

Foot notes remain unchanged

B. JUSTIFICATION

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