

PROPOSAL FOR DRAFT CORRIGENDUM TO REGULATION No. 107-02

Note: The proposed amendments are in bold and strikethrough characters)

A. PROPOSAL

Annex 8, paragraph 3.8.5.1, amend to read:

“3.8.5.1. A backrest fitted to a wheelchair space in accordance with paragraph 3.8.4. shall be fitted perpendicular to the longitudinal axis of the vehicle and shall be capable of bearing a load of 250 ± 20 daN applied to the centre of the padded surface of the backrest, at a height of not less than 600 mm and of not more than 800 mm measured vertically from the floor of the wheelchair space, for a minimum of 1.5 seconds by means of a block 200 mm x 200 mm in the ~~longitudinal~~ **horizontal** plane of the vehicle towards the front of the vehicle. The backrest shall not deflect more than 100 mm or suffer permanent deformation or damage.”

B. JUSTIFICATION

In the 01 and 02 series of amendments to Regulation No. 107, there are contradictions in the direction of a force application to the support or backrest fitted to a wheelchair space.

1. Paragraph 3.8.3 (d) of Annex 8 to the Regulation No. 107-01 defined the direction of the force applied to both the support and backrest of the seat in **horizontal** plane towards the front of the vehicle:

“3.8.3. (d) the support or backrest of the seat row in front shall be able to withstand a force of $250 \text{ daN} \pm 20 \text{ daN}$ per wheelchair. The force shall be applied in the **horizontal** plane of the vehicle and towards the front of the vehicle in the middle of the support or backrest. The force shall be maintained for a period of not less than 1,5 seconds.”

2. In Annex 8 to the Regulation No. 107-02 the force applied to backrest or support shall be directed in longitudinal or horizontal plane respectively.

“3.8.5.2. A support fitted to a wheelchair space in accordance with paragraph 3.8.4. shall be fitted perpendicular to the longitudinal axis of the vehicle and shall be capable of withstanding a force of 250 ± 20 daN applied to the centre of the support, for a minimum of 1.5 seconds in the **horizontal** plane of the vehicle towards the front of the vehicle in the middle of the support. The support shall not deflect more than 100 mm or suffer permanent deformation or damage.”

3. The direction of the force towards the front of the vehicle can be defined only in the **horizontal** plane. Therefore paragraph 3.8.5.1 of Annex 8 to the Regulation № 107-02 shall be aligned with paragraph 3.8.5.2 and previous series of amendments (paragraph 3.8.3 (d)).