

Transmitted by the expert from France

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Proposal for Corrigendum 1 to the Series 00 of Regulation No. 61 (UNIFORM PROVISIONS FOR THE APPROVAL OF COMMERCIAL VEHICLES WITH REGARD TO THEIR EXTERNAL PROJECTIONS FORWARD OF THE CAB'S REAR PANEL).

Proposal:

Complete the paragraph 6.5.2. as follow :

“The component of the front protective devices shall be so designed that all rigid surface facing outwards have a radius of curvature of not less than 5 mm. **However, if the vehicle submitted to the approval complies with the specifications of paragraph 5.1. of Regulation No. XXX on pedestrian protection, these rigid surfaces facing out could have a radius of curvature of not less than 2.5 mm.**”

Justification:

The new UNECE Regulation No. XXX (ECE/TRANS/WP.29/2010/127) on pedestrian protection, to be adopted at the 155th WP.29 (11/2011), is the retranscription of the GTR n°9.

This new regulation provides specifications applicable in particular to bumpers (acceleration, shearing and bending to be tested by a legform impactor). These provisions are issued from biomechanics and accident studies demonstrating the relevance of these criteria in the occurrence of leg injuries. For these reasons it appears that the compliance with this provision of this Regulation has to be promoted and then it is proposed an exemption from the former geometric provision become obsolete concerning the bumper, provided by Regulation No. 26, for vehicles complying with the global performances specified by the new UNECE Regulation XXX on pedestrian protection.

The same flexibility had been used by GRSP when the global regulations on front and side impacts Regulation Nos. 94 and 95 came into force, for some technical specific requirements on associated parts, which were better taken into account by the new provisions of these global regulations.
