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Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on General Safety Provisions

Ninety-eighth session

Geneva, 3–7 May 2010

Item 3.2 of the provisional agenda

Regulation No. 107 (M₂ and M₃ vehicles) – Requirements for service doors, windows and emergency exits

Proposal for amendments to Regulation No. 107

Submitted by the expert from Spain*

The text reproduced below was prepared by the expert from Spain to introduce specific requirements for the services doors of vehicles with more than 22 passengers and a short wheelbase. It is based on informal document GRSG-97-23. The modifications to the current text of the Regulation are marked in bold or strikethrough characters.

* 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.

A. Proposal

Paragraph 7.6.2.2., amend to read:

“7.6.2.2. **If the passenger’s compartment has an area S_0 equal or greater than 10 m^2** , two of the doors referred to in paragraph 7.6.1.1 shall be separated such that the distance between transverse vertical planes through their centres of area is not less than:”

B. Justification

1. Vehicles with more than 22 passengers shall have two separated doors. It is possible that short or very short vehicles with more than 22 passengers (seated and standing) can not fulfil this requirement because of their dimensions and architecture.
 2. Vehicles with short wheelbase and very short overhangs usually have the service doors between axles and there is not enough space to place two separate doors fulfilling the requirement contained in point 7.6.2.2.1.
 3. The requirement of S_0 equal or greater than 10 m^2 has been chosen by studying vehicles in the market with very short wheelbase and very short overhangs.
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