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Regulation No. 58 (Rear underrun protection)

Proposal for amendments to Regulation No. 58

Submitted by the expert from Japan *

The text reproduced below was prepared by the expert from Japan clarifying the requirements of the Regulation on rear underrun protection devices. This proposal is based on informal document GRSG-101-10-Rev.1 submitted by the expert from Japan. The modifications to the current text of the Regulation are marked in bold for new characters.

*In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraph 16.2., amend to read:

"16.2. The width of the rear protective device must at no point exceed the width of the rear axle measured at the outermost points of the wheels, excluding the bulging of the tyres close to the ground, nor must it be more than 100 mm shorter on either side. Where there is more than one rear axle, the width to be considered is that of the widest rear axle. **Where the device is contained in or comprised by the vehicle bodywork which itself extends beyond the width of the rear axle, the requirement, that the width of the RUP shall not exceed that of the rear axle, shall not apply.** In addition the requirements of paragraphs 3.1.2. and 3.1.3. of Annex 5 relating the distance of the points of application of the test forces from the outer edges of the rear wheels (Annex 1, item 7) shall be verified and recorded in the type approval communication form."

II. Justification

The tailgate lifts which extend beyond the width of the rear axle shall be approved as a rear underrun protection device (RUPD) under the requirements in Part II of the Regulation. For this reason, Japan proposes that the provisions of paragraph 16.2. on the RUPD structure shall be amended.

Explanatory diagrams:

