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Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

187th session

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Item 4.8.4 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRVA

Proposal for a Supplement 1 to the 12 series of amendments to UN Regulation No. 13 (Heavy vehicle braking)

Submitted by the Working Party on Automated/Autonomous and Connected Vehicles*

The text reproduced below was adopted by the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its twelfth session (see ECE/TRANS/WP.29/GRVA/12, para. 83). It is based on ECE/TRANS/WP.29/GRVA/2022/9. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their June 2022 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2022 as outlined in proposed programme budget for 2022 (A/76/6 (part V sect. 20) para 20.76), 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.



Paragraph 2.5. in Annex 8, amend to read:

“2.5. For power-driven vehicles, the pressure in the spring compression chamber beyond which the springs begin to actuate the brakes, the latter being adjusted as closely as possible, shall not be greater than 80 per cent of the minimum level of the normal available pressure.

In the case of trailers, the pressure in the spring compression chamber beyond which the springs begin to actuate the brakes shall not be greater than that obtained after four full-stroke actuations of the service braking system in accordance with paragraph 1.3. of Part A of Annex 7 to this Regulation unless a reduction of the pressure within the service braking system energy reservoir does not result in a corresponding reduction of the pressure in the spring compression chamber. The initial pressure is fixed at 700 kPa.”
