

22 February 2017

Agreement

Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions*

(Revision 2, including the amendments which entered into force on 16 October 1995)

Addendum 12 – Regulation No. 13

Revision 8 - Amendment 4

Supplement 14 to the 11 series of amendments – Date of entry into force: 9 February 2017

Uniform provisions concerning the approval of vehicles of categories M, N and O with regard to braking

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2016/49.




UNITED NATIONS

* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

GE.17-01809(E)



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Annex 12,

Paragraph 2.2.18., amend to read:

"2.2.18. s': effective (useful) travel of control in millimetres, determined as required by paragraph 10.4. of this annex;"

Paragraph 10.4.2.3., amend to read:

"10.4.2.3. In hydraulic braking systems: $s' = s - s''$;"

Appendix 4,

Paragraph 5.8.3., amend to read:

"5.8.3.

$$\frac{s'}{2 s_B \cdot n \cdot F_{RZ} \cdot i'_g} = \dots\dots\dots$$

(shall not be less than: i_h/F_{HZ})

(shall not be greater than travel of master cylinder actuator as specified in paragraph 8.2. of Appendix 2 to this annex)"

Paragraph 5.7.6., amend to read:

"5.7.6. Braking torque when the trailer moves rearward including rolling resistance
 $n \cdot Mr = \dots\dots\dots Nm$
(shall not be greater than: $0.08 \cdot g \cdot G_A \cdot R$)"

Paragraph 5.8.6., amend to read:

"5.8.6. Braking torque when the trailer moves rearward including rolling resistance
 $n \cdot Mr \dots\dots\dots Nm$
(shall not be greater than: $0.08 \cdot g \cdot G_A \cdot R$)"

