

22 February 2017

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## 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)

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#### **Addendum 12H – Regulation No. 13H**

#### **Revision 3 - Amendment 2**

01 series of amendments – Date of entry into force: 9 February 2017

#### **Uniform provisions concerning the approval of passenger cars with regard to braking**

This document is meant purely as documentation tool. The authentic and legal binding text is:  
ECE/TRANS/WP.29/2016/50.



**UNITED NATIONS**

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\* 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.17-01773(E)



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*Contents, reference to Annex 9 and its appendices, shall be deleted:*

*Amend paragraph 1. by inserting a new paragraph 1.2.3., to read:*

## **"1. Scope**

1.1. This Regulation applies to the braking of vehicles of categories M<sub>1</sub> and N<sub>1</sub>.<sup>1</sup>

1.2. This Regulation does not cover:

1.2.1. Vehicles with a design speed not exceeding 25 km/h;

1.2.2. Vehicles fitted for invalid drivers.

1.2.3. The approval of the ESC and BAS systems of the vehicle."

*Paragraphs 2.24. to 2.34.2., shall be deleted.*

*Footnote 4 and its reference in paragraph 4.3, shall be deleted.*

*Subsequent footnotes, shall be renumbered*

*Paragraphs 4.4.3. to 4.4.4., shall be deleted.*

*Paragraph 5.1.1.4. amend to read:*

"5.1.1.4. The effectiveness of the braking equipment shall not be adversely affected by magnetic or electrical fields. This shall be demonstrated by fulfilling the technical requirements and respecting the transitional provisions of Regulation No. 10 by applying:

- (a) The 03 series of amendments for vehicles without a coupling system for charging the Rechargeable Electric Energy Storage System (traction batteries).
- (b) The 04 series of amendments for vehicles with a coupling system for charging the Rechargeable Electric Energy Storage System (traction batteries)."

*Paragraph 5.1.3., amend to read:*

"5.1.3. The requirements of Annex 8 shall be applied to the safety aspects of all complex electronic vehicle control systems, including those defined in an independent regulation, which provide or form part of the control transmission of the braking function, included those which utilize the braking system(s) for automatically commanded braking or selective braking.

However, vehicles equipped with systems or functions, including those defined in an independent regulation, which use the braking system as the means of achieving a higher level objective, are subject to Annex 8 only insofar as they have a direct effect on the braking system. If such systems are provided, they must not be deactivated during type approval testing of the braking system."

*Paragraphs 5.2.24. to 5.2.24.1., shall be deleted.*

*Paragraphs 12.5. and 12.6., shall be deleted.*

*Paragraph 12, amend to read:*

## "12. Transitional provisions

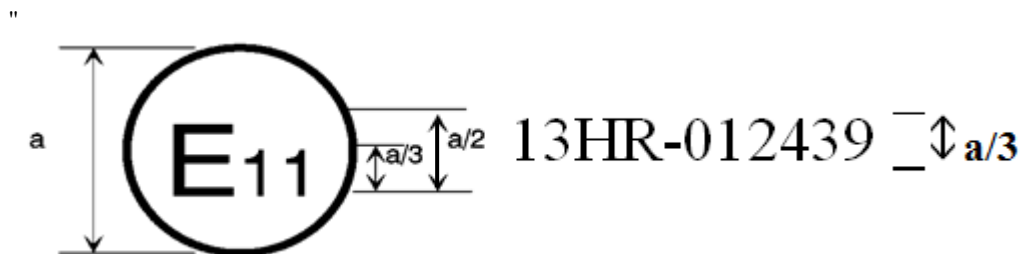
- 12.1. As from 1 September 2018, no Contracting Party applying this regulation shall refuse to grant or refuse to accept type approvals to this regulation as amended by the 01 series of amendments.
- 12.2. Even after 1 September 2018, Contracting Parties applying this regulation shall continue to accept type approvals granted to the 00 series of amendments to this regulation.
- However, Contracting Parties applying this regulation shall not be obliged to accept, for the purpose of national or regional type approval, type approvals to the 00 series of amendments to this regulation for vehicle types not fitted with a Vehicle Stability Function (as defined in Regulation No. 13) or ESC and BAS.
- 12.3. As from 1 September 2018, Contracting Parties applying this regulation shall grant type approvals only if the vehicle type to be approved meets the requirements of this regulation as amended by the 01 series of amendments.
- 12.4. Contracting Parties applying this regulation shall not refuse to grant extensions of type approvals for existing types, regardless of whether they are fitted with a Vehicle Stability Function (as defined in Regulation No. 13) or ESC and BAS or not, on the basis of the provisions valid at the time of the original approval."

*Annex 1,*

*Paragraphs 21. to 22.1.2., shall be deleted.*

*Annex 2,*

*Approval mark and paragraph below Model A, amend to read:*



The above approval mark affixed to a vehicle shows that the vehicle type concerned has, with regard to braking, been approved in the United Kingdom (E 11) pursuant to Regulation No. 13-H under approval number 012439. The first two digits of the approval number indicate that the approval was granted in accordance with the requirements of the 01 series of amendments to Regulation No. 13-H."

*Annex 6,*

*Paragraph 4.3. amend to read:*

- "4.3. The operation of the anti-lock system shall not be adversely affected by magnetic or electrical fields. This shall be demonstrated by compliance with Regulation No. 10, as required by paragraph 5.1.1.4 of the Regulation."

*Annex 9, shall be deleted.*