

1 December 2023

Agreement

Concerning the Adoption of Harmonized Technical United Nations Regulations 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 United Nations Regulations*

(Revision 3, including the amendments which entered into force on 14 September 2017)

Addendum 130 – Regulation No. 131

Revision 1 - Amendment 3

Supplement 3 to the 01 series of amendments – Date of entry into force: 24 September 2023

Uniform provisions concerning the approval of motor vehicles with regard to the Advanced Emergency Braking Systems (AEBS)

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2023/11.



UNITED NATIONS

* Former titles 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 (original version); 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, done at Geneva on 5 October 1995 (Revision 2).

Paragraph 5.4.1., amend to read:

"5.4.1. The AEBS function shall be automatically reinstated at the initiation of each new engine start (or run cycle, as relevant)."

This requirement does not apply when a new engine start (or run cycle, as relevant) is performed automatically, e.g. the operation of a stop/start system.

Paragraph 6.4., amend to read: (including the deletion of paragraph 6.4.2.3.)

"6.4. Warning and activation test with a stationary target

6.4.2. The timing for the collision warning modes referred to in paragraph 5.5.1. above shall comply with the following:

6.4.2.1. At least one warning mode shall be provided no later than specified in Table I, Column B, of Annex 3. [...]

6.4.2.2. At least two warning modes shall be provided no later than specified in Table I, Column C, of Annex 3.

6.4.3. The collision warning phase shall be followed by the emergency braking phase.

6.4.4. The total speed reduction of the subject vehicle at the time of the impact with the stationary target shall be not less than the value specified in Table I, column D of Annex 3.

6.4.5. The emergency braking phase shall not start before a TTC equal to 3.0 seconds."

Paragraph 6.5., amend to read: (including the deletion of paragraph 6.5.2.3.)

"6.5. Warning and activation test with a moving target

6.5.2. The timing for the collision warning modes referred to in paragraph 5.5.1. above shall comply with the following:

6.5.2.1. At least one haptic or acoustic warning mode shall be provided no later than specified in Table I Column E of Annex 3.

6.5.2.2. At least two warning modes shall be provided no later than specified in Table I Column F of Annex 3.

6.5.3. The emergency braking phase shall result in the subject vehicle not impacting the moving target.

6.5.4. The emergency braking phase shall not start before a TTC equal to 3.0 seconds."
