11 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 156 - UN Regulation No. 157

Revision 1 - Amendment 1

Supplement 1 to the 01 series of amendments – Date of entry into force 24 September 2023

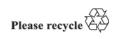
Uniform provisions concerning the approval of vehicles with regard to Automated Lane Keeping Systems

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2023/17.



UNITED NATIONS

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).





^{*} Former titles of the Agreement:

Paragraph 2.27., amend to read:

"2.27. An 'aborted lane change manoeuvre' is an LCM which is not completed and results in the vehicle returning to its original lane of travel."

Paragraph 8.2.1., amend to read:

".....

- (k) Severe vehicle failure;
- (1) Start of Lane Change Procedure;
- (m) End of Lane Change Procedure;
- (n) Abortion of Lane Change Manoeuvre;
- (o) Start of intentional lane crossing (5.2.1.1. (d));
- (p) End of intentional lane crossing (5.2.1.1. (d))."

Paragraph 8.2.2., amend to read:

- "8.2.2. Occurrences flags for paragraph 8.2.1 (l) and (o) are only required to be stored if they happen either within 30 seconds before the following occurrences:
 - (a) Start of Emergency Manoeuvre;
 - (b) Involved in a detected collision;
 - (c) Abortion of Lane Change Manoeuvre;
 - (d) EDR trigger input,

or within 5 seconds before a system override."

Paragraph 8.2.3., amend to read:

- "8.2.3. Occurrences flags for paragraph 8.2.1. (m) and (p) are only required to be stored if they happen within 30 seconds before the following occurrences:
 - (a) Start of Emergency Manoeuvre;
 - (b) Involved in a detected collision; or
 - (c) EDR trigger input."