

7 October 2024

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 159 – UN Regulation No. 160

Revision 1 - Amendment 2

Supplement 2 to the 01 series – Date of entry into force: 15 June 2024

Uniform provisions concerning the approval of motor vehicles with regard to the Event Data Recorder

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2023/102.



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).

Annex 4, Table 1, amend to read:

"...

Lateral acceleration (post-crash)	If Recorded	0–250 ms or 0 500 to End of Event Time plus 30 ms, whichever is shorter.	-50 to +50g	+/- 10% ¹⁰	1 g	Planar Rollover ¹¹
Longitudinal acceleration (post-crash)	If Recorded	0–250 ms or 0 500 to End of Event Time plus 30 ms, whichever is shorter.	-50 to +50g	+/- 10% ¹⁰	1 g	Planar

..."

Footnotes 10 to 17 (former), renumber as Footnotes 12 to 19.

¹⁰ +/- 10 per cent of the full range of the accelerometer used in the Electronic Control Unit (ECU) containing the EDR function.

¹¹ Format for lateral acceleration recorded in rollover is at the option of the manufacturer.