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Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations**Working Party on General Safety Provisions****127th session**

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Item 5 (b) of the provisional agenda

Amendments to External Projections Regulations:**UN Regulation No. 61 (External projections of commercial vehicles)****Proposal for Supplement 4 to the Original Version of UN Regulation No. 61 (External projections of commercial vehicles)****Submitted by the expert from the Netherlands***

The text reproduced below was prepared by the expert from the Netherlands, to update the references to the three-dimensional H-point (3-D "H"-point) measurement and calibration procedure, which is updated and moved from the Consolidated Resolution on the Construction of Vehicles (R.E.3) to Mutual Resolution No. 1 (M.R.1). The modifications to the current text of UN Regulation No. 61 are marked in bold for new and strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2024 as outlined in proposed programme budget for 2024 (A/78/6 (Sect. 20), table 20.5), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



I. Proposal

Paragraph 1.1., footnote 1, amend to read:

¹ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.47-
www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html
<https://unece.org/transport/vehicle-regulations/wp29/resolutions>"

Annex 3, amend to read:

"Annex 3

Procedure for Determining the "H" Point and the Actual Torso Angle for Seating Positions in Motor Vehicles¹

Appendix 1 - Description of the Three Dimensional "H" Point Machine (3-D H Machine)¹

Appendix 2 - Three-Dimensional Reference System¹

Appendix 3 - Reference Data concerning Seating Positions¹

II. Justification

1. Correct the location of R.E.3 on the ECE/WP.29 website and update to the latest amendment (Revision 7) to R.E.3.
2. The specifications of the 3-D "H"-point machine have been updated and transferred from R.E.3. to M.R.1. A calibration procedure has also been added to ensure that the 3-D "H" point machine used for all testing in UN Regulations and UN Global Technical Regulations is consistent and provides consistent test results across Regulations.

¹ The procedure is described in Addendum 6 of Mutual Resolution No. 1 (M.R.1) (document ECE/TRANS/WP.29/1101/Amend.5);
see <https://unece.org/transport/vehicle-regulations/wp29/resolutions>"