



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 190th session

Geneva, 20-22 June 2023

Item 4.6.11 of the provisional agenda

#### 1958 Agreement:

**Consideration of draft amendments to existing UN Regulations  
submitted by GRSP**

### **Proposal for as draft Supplement 3 to the original version of UN Regulation No. 153 (Fuel system integrity and electric power train safety at rear-end collision)**

#### **Submitted by the Working Party on Passive Safety \***

The text reproduced below was adopted by the Working Party on Passive Safety (GRSP) at its seventy-second session (ECE/TRANS/WP.29/GRSP/72, para. 40). It is based on ECE/TRANS/WP.29/GRSP/2021/29 as amended by annex VI to the report. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their June 2023 sessions.

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\* In accordance with the programme of work of the Inland Transport Committee for 2023 as outlined in proposed programme budget for 2023 (A/77/6 (Sect. 20), table 20.6), 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.



Paragraphs 2. to 2.1.9., amend to read:

## "2. Definitions

For the purpose of this Regulation:

- 2.1. "Vehicle type" means a category of power-driven vehicles which do not differ in such essential respects as:
  - 2.1.1. The length and width of the vehicle in so far as they have an adverse effect on the results of the impact test prescribed in this Regulation.
  - 2.1.2. The structure, dimensions, lines and materials of the part of the vehicle rearward of the transverse plane through the "R" point of the rearmost seat in so far as they have an adverse effect on the results of the impact test prescribed in this Regulation.
  - 2.1.3. The lines and inside dimensions of the passenger compartment in so far as they have an adverse effect on the results of the impact test prescribed in this Regulation.
  - 2.1.4. The siting (front, rear or centre) and the orientation (transversal or longitudinal) of the engine, in so far as they have an adverse effect on the result of the impact test procedure as prescribed in this Regulation.
  - 2.1.5. The unladen mass, in so far as there is an adverse effect on the result of the impact test prescribed in this Regulation.
  - 2.1.6. The locations of the REESS, in so far as they have an adverse effect on the result of the impact test prescribed in this Regulation.
  - 2.1.7. The structure, shape, dimensions and materials (metal/plastic) of the tank(s) in so far as they have an adverse effect on the results of the impact test prescribed in this Regulation.
  - 2.1.8. The position of the tank(s) in the vehicle in so far as it has an adverse effect on the requirements of paragraph 5.2.1.
  - 2.1.9. The characteristics and location of the fuel feed system (pump, filters, etc.) in so far as they have an adverse effect on the results of the impact test prescribed in this UN Regulation."

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