

**Economic and Social Council**Distr.: General  
14 January 2022

Original: English

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**Economic Commission for Europe**

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****123rd session**

Geneva, 28 March–1 April 2022

Item 9 (c) of the provisional agenda

**Amendments to the Regulations on Devices against Unauthorized Use,  
Immobilizers and Vehicle Alarm systems:****UN Regulation No. 162 (Immobilizers)****Proposal for Supplement 3 to the original version of UN  
Regulation No. 162 (Immobilizers)****Submitted by the expert from the International Organization of Motor  
Vehicle Manufacturers \***

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) to amend UN Regulation No. 162 to clarify the scope of the UN Regulation and to complement the text of the UN Regulation with the missing Supplement 7 to the original version of UN Regulation No. 116. It is based on informal document GRSG-122-12 distributed at the 122nd session of the Working Party on General Safety Provisions (GRSG). The modifications to the current text of the UN Regulation are marked in bold for new and strikethrough for deleted characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2022 as outlined in proposed programme budget for 2022 (A/76/6 (part V, sect. 20) para. 20.76), 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, amend to read (footnotes unchanged):

### "1. Scope

This UN Regulation applies to:

- 1.1. Approval of **immobilizers which are intended to be permanently fitted to vehicles of any category.**<sup>1, 2</sup>
  - ~~(a) "If fitted" immobilizers primarily dedicated to vehicles of Categories M<sub>1</sub> and N<sub>1</sub> with a maximum mass of not more than 2 tonnes; and~~
  - ~~(b) Vehicles of Category M<sub>1</sub> and vehicles of Category N<sub>1</sub> with a maximum mass of not more than 2 tonnes with regard to fitted immobilizers.<sup>1/2/</sup>~~
- 1.2. **Approval of vehicles of category M<sub>1</sub> and those of category N<sub>1</sub> with a maximum mass of not more than 2 tonnes, with regard to their immobilizer(s).**<sup>2</sup>
- ~~1.3.~~ 1.3. At the request of the manufacturer, Contracting Parties may grant approvals to vehicles of other categories ~~and to immobilizers for fitment to such vehicles~~ **with regard to their immobilizer(s).**
- ~~1.4.~~ **1.4.** This Regulation does not apply to radio transmission frequencies, whether or not related to the protection of vehicles against unauthorized use."

Annex 6, paragraph 1., amend to read:

### "1. Operation parameters

The requirements below do not apply to:

- (a) Those components that are fitted and tested as part of the vehicle, whether or not a locking system is fitted (e.g. lamps, alarm system, immobilizer); ~~or~~
- (b) Those components that have previously been tested as part of the vehicle and documentary evidence has been provided, ~~or~~
- (c) **Components that are not embedded in the vehicle, e.g. keys.**

All components of the immobilizer shall operate without any failure under the following conditions."

## II. Justification

1. Paragraph 1. The split of UN Regulation No. 116 is among others the opportunity to clarify the scope of the regulations. The scope of UN Regulation No. 162 on immobilizers is now distributed in four subsections:

- (a) The immobilizers;
- (b) The vehicles of category M<sub>1</sub>/N<sub>1</sub> < 2 tonnes and fitted with those devices;
- (c) Other vehicle categories, at the request of the manufacturer;
- (d) The exclusion of radio frequencies.

This structure well clarifies which vehicle categories are in or out of the scope, and which sections of the regulation apply to which vehicle/devices. The proposal reflects the wording proposed in the informal document GRSG-122-21 adopted in principle at the 122nd session of GRSG (October 2021).

2. Annex 6, paragraph 1. Supplement 7 to UN Regulation No. 116 amends the original paragraph 8.4.1., which is similar to the provisions laid down in Annex 6 of the new regulation on immobilizers. The text of Supplement 7 to UN Regulation No. 116 was:

"8.4.1. Operation Parameters

All components of the immobilizer shall comply with prescriptions given in paragraph 6.4. of this Regulation.

This requirement does not apply to:

- (i) Those components that are fitted and tested as part of the vehicle, whether or not an immobilizer is fitted (e.g. lamps); or
- (ii) Those components that have previously been tested as part of the vehicle and documentary evidence has been provided; or
- (iii) Components that are not embedded in the vehicle, e.g. keys."

Therefore, paragraph 1. of Annex 6 needs the proposed amendment.

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