

## Proposal for editorial changes to ECE/TRANS/WP.29/GRSG/2015/17 Proposal for the 03 series of amendments to Regulation No. 58 (Rear underrun protection)

The modifications to the ECE/TRANS/WP.29/GRSG/2015/17 are marked in **bold** for new or ~~double strikethrough~~ for deleted characters.

### I. Proposals

*Paragraphs 25.5. and 25.7., amend to read:*

"25.5. ~~The section height of the RUP must not be less than 100 mm.~~ **The cross-member shall have a section height of at least 120 mm.** The lateral extremities of the cross-member shall not bend ..... than 2.5 mm.

**For vehicles of the categories M, N<sub>1</sub>, N<sub>2</sub> with a GWV not exceeding ~~7.5~~ 8 t, O<sub>1</sub>, O<sub>2</sub>, vehicles of category G and vehicles fitted with a platform lift, the cross-member shall have a section height of at least 100 mm.**

25.7. The RUP shall offer ..... RUP and the **most rearward point at the** rear extremity of the vehicle, including any platform lift ~~system mechanism~~, does not exceed ..... more than 2 m above the ground when the vehicle is unladen shall be excluded.

**After applying the test forces specified in Annex 5 for vehicles of the categories N<sub>2</sub> with a GWV exceeding 8 t, with a N<sub>3</sub>, O<sub>3</sub> and O<sub>4</sub>, the maximum ground clearance of the protective device, even when the vehicle is unladen, shall at any point not exceed:**

(a) **510 mm for motor vehicles and trailers with hydropneumatic, hydraulic or pneumatic suspension or with a device for automatic levelling according to load; and**

(b) **560 mm for vehicles other than those listed in subparagraph (a) above."**

*Paragraph 31.1 to 31.5., amend to read:*

"31.1. **As from the official date of entry into force of the 03 series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept type approvals of vehicles, components or separate technical units under Parts I, II or III of this Regulation as amended by the 03 series of amendments.**

31.2. **Until 1 September 2018, Contracting Parties applying this Regulation shall not refuse to grant or refuse to accept type approvals of vehicles, components or separate technical units under Part I, II or III of this Regulation as amended by the 02 series of amendments.**

31.3. **As from 1 September 2018, Contracting Parties applying this Regulation shall grant approvals only if the type of vehicle, component or separate technical unit to be approved meets the requirements of Part I, II or III of this Regulation as amended by the 03 series of amendments.**

31.4. **As from 1 September 2020, Contracting Parties applying this Regulation shall not be obliged to accept, for the purpose of national or regional type approval, a vehicle, component or separate technical unit which is not type approved under Part I, II or III of to the 03 series of amendments to this Regulation.**

31.5. **Contracting Parties applying this Regulation shall not refuse to grant extensions of approval for vehicles, components or separate technical units which comply with this Regulation as amended by the 02 series of amendments.**

31.6. **Notwithstanding the transitional provisions above, Contracting Parties whose application of this Regulation comes into force after the date of entry into force of the most recent series of amendments are not obliged to accept approvals which were granted in accordance with any of the preceding series of amendments to this Regulation."**

New paragraph 3.1.4., shall be deleted completely:

~~Insert new paragraph 3.1.4., to read:~~

~~"3.1.4. Upon request of the manufacturer the force levels can be reduced to [80] per cent of the requirement given in paragraphs 3.1.1. to 3.1.2. for the vehicles listed in Annex 6."~~

Annex 7, Requirements for different vehicle categories, amend to read:

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Vehicle category or type of vehicle	Geometry referred to in paragraph			Test force referred to in paragraph(s):
	Section height	Ground clearance before the test	Horizontal distance between the rear of the RUPD and the rear of the vehicle	
M, N <sub>1</sub> , N <sub>2</sub> with a GVW* < 8 t, O <sub>1</sub> ,	2.3./2.4./ 7.1./25.5.	2.3./2.4./ 16.2./25.2.	2.3./2.4./ 16.4./25.3.	2.3./ 2.4./ A5/3.1.1. to 3.1.2.
N <sub>2</sub> with a GVW > 8 t, N <sub>3</sub>	7.1. or 25.5.	16.1./ <del>16.2.</del> or 25.1./ <del>25.2.</del>	16.4. or 25.3.	A5/3.1.1. to 3.1.2.
O <sub>3</sub> , O <sub>4</sub>	7.1. or 25.5.	16.1./ <del>16.2.</del> or 25.1./ <del>25.2.</del>	16.4. or 25.3.	A5/3.1.1. to 3.1.2.
Specific Vehicles (see Annex 6)	7.1. or 25.5.	16.1./16.2. or 25.1./25.2.	16.4. or 25.3.	A5/3.1.3.

*Note:* A reference such as A5/3.1.1. in the table indicates the annex (Annex 5) and paragraph (3.1.1.) of that annex, where the relevant vehicle or requirement is described and specified. A reference such as 2.3. in the table indicates paragraph (2.3.) of this Regulation, where the relevant requirement is specified.

\* GVW means Gross Vehicle Weight. "

## II. Justifications

1. Paragraph 25.5.: The original proposal modifies the weight split of N<sub>2</sub> category from 7.5 t to 8 t all through the document, but was omitted here.
2. Paragraph 25.7.: To be consistent with paragraph 16.5., only the vehicles of N<sub>2</sub> category over 8 t shall be considered here, altogether with N<sub>3</sub>, O<sub>3</sub> and O<sub>4</sub>.
3. The original wording, fully inspired by the transitional provisions of the 02 series of amendments, cannot apply to this draft 03 series. The 02 series indeed mainly affect the RUPD as a component, while the 03 series do affect both the separate component and the vehicle itself. OICA in consequence proposes a radical simplification of the proposed transitional provisions, with no change to the already agreed application dates:
  - Paragraph 31.1.: conventional introductory paragraph specifying the provisions as from the time of entry into force;
  - Paragraph 31.2.: date for New Types (NT) and All Types (AT) for approvals to the 02 series of amendments;
  - Paragraph 31.3.: date for NT for approvals to the 03 series of amendments;
  - Paragraph 31.4.: date for AT for approvals to the 03 series of amendments
  - Paragraph 31.5.: conventional paragraph addressing the extension to the existing approvals.

- Paragraph 31.6.: keep current paragraph 31.6. unchanged
- For clarity, there is a reference to the Parts I, II and III where it is necessary.

The proposed transitional provisions provide a 2-year lead time for ensuring that the RUPDs conforming to the 03 series can be mounted on the vehicles conforming to the 03 series.

4. As paragraph 3.1.3. has been fully reworded, this new paragraph 3.1.4. is now redundant with paragraph 3.1.3.
5. As paragraphs 16.2. and 25.2 now address only "light" vehicles and G category, reference to the paragraphs should be removed from these lines. The two lines calling exactly for the same paragraphs numbers could also be merged together.

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