

Proposal for amendments to UN Regulation No. [158] (devices for reversing motion and motor vehicles with regard to the driver's awareness of vulnerable road users behind vehicles)

Amendment for ECE/TRANS/WP.29/GRSG/2021/5.

Submitted by the experts from VRU-Proxi Informal Working Group (VRU-Proxi)

The text reproduced below was prepared by the experts from the VRU-Proxi Informal Working Group (VRU-Proxi) to amend the new UN Regulation on uniform provisions concerning the approval of devices for reversing motion and motor vehicles with regard to the driver's awareness of vulnerable road users behind vehicles. The modifications to the existing text are marked in bold for new or strikethrough for deleted characters.

I. Proposal

Annex 9 Paragraph 1.3.3.2., amend to read:

“1.3.3.2. Vehicle load.

The vehicle is in running order as defined in the consolidated Resolution on the Construction of vehicles (R.E.3) (ECE/TRANS/WP.29/78/Rev.6, paragraph 2.2.5.4.), **plus for M1 and N1 vehicles one front seat passenger (75 kg).**”

Annex 10 Paragraph 1., amend to read:

“1. Rear horizontal area detection

~~Audible warning~~ **Detection** systems shall fulfil the test as specified in paragraph 1.3.1. in this Annex. However, if ~~audible warning~~ **detection** systems fulfil the test as specified in paragraph 1.4. in this Annex, the test as specified in paragraph 1.3.1. in this Annex shall be considered to be satisfied.”

II. Justification

1. To harmonize vehicle load defined in 15.2.2. that was the same conditions of Regulation No.46.
2. Detection system of this regulation can use audible, optical and haptic signals. Therefore, area detection test shall apply not only audible but also the others.