

Proposal for amendment to ECE/TRANS/WP.29/GRSG/202x/xx

Supplement x to the UN Regulation No. 158 (Reversing motion)

Submitted by the expert from the Informal Working Group on Awareness of Vulnerable Road Users Proximity

The text reproduced below was prepared by the experts from the Informal Working Group VRU-Proxi to amend UN Regulation No. 158 so that misunderstandings are avoided in the certification process.

This proposal is based on:

E/ECE/TRANS/505/Rev.3/Add.157 / ECE/TRANS/WP.29/2020/121. 6 July 2021

Includes:

(1) /ECE/TRANS/505/Rev.3/Add.157/Amend.1, ECE/TRANS/WP.29/2021/103, 29 September 2022

(2) Informal document No. GRSG-124-29, 124 GRSG, 11 October - 14 October 2022, Agenda item 4(a)

I. Proposal

Paragraph 16.1.1.3., amend to read:

"16.1.1.3. Deactivation

The rear-view image shall remain visible during the backing event until either, the driver modifies the view, or the vehicle direction selector is no longer in the reverse position or the backing event is finished.

Modifying the view means to switch to any other camera views which **shows vehicle surroundings for manoeuvring**.

The view can be manually switched off when the vehicle is not moving rearward.

The system may be switched off when the vehicle detects a coupling by means of a coupling device. In that case the monitor may be used to display other views (e.g. view of a rear-mounted camera on a trailer)."

II. Justification

The wording so far would allow to switch to any camera or view which is not related to the safe reversing or manoeuvring of a vehicle and would not support the intention of this regulation for the safe reversing or manoeuvring of a vehicle.

For a vehicle there can be application cases and usage scenarios which benefit for a change of the camera or the view of a rear-view camera system and can enhance the safe manoeuvring of a vehicle.