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1958 Agreement – Consideration of draft amendments to existing Regulations submitted by GRE

Proposal for Supplement 12 to the 04 series of amendments to Regulation No. 48 (Installation of lighting and light-signalling devices)

Submitted by the Working Party on Light and Light-signalling*

The text reproduced below was adopted by the Working Party on Light and Light-signalling (GRE) at its sixty-ninth session (ECE/TRANS/WP.29/GRE/69, paras. 6, 7, 15, 16 and 22). It is based on ECE/TRANS/WP.29/GRE/2013/7 not amended, ECE/TRANS/WP.29/GRE/2013/8 not amended and also based on paragraphs 15. and 16. of 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.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraphs 5.23. and 5.23.1., amend to read:

- "5.23. Lamps approved with light source(s) according to Regulation No. 37, except when such light sources are used as non-replaceable light source(s) as defined in paragraph 2.7.1.1.2., shall be fitted in a vehicle in such a way that the light source can be correctly replaced without the need for expert assistance and without the need for special tools, other than those provided with the vehicle by the manufacturer. The vehicle manufacturer shall provide with the vehicle a detailed description of the procedure for replacement.
- 5.23.1. In the case where a light source module includes a holder for an approved replaceable light source according to Regulation No. 37, this light source shall be replaceable as required in paragraph 5.23."

Paragraph 6.1.2. , amend to read:

- "6.1.2. Number
- Two or four, type approved according to Regulations Nos. 98 or 112, excluding Class A headlamp.
- For vehicles of the category N₃: Two extra main-beam headlamps may be installed.
- Where a vehicle is fitted with four concealable headlamps the installation of two additional headlamps shall only be authorized for the purpose of light-signalling, consisting of intermittent illumination, at short intervals (see paragraph 5.12.) in daylight."

Paragraph 6.2.2. , amend to read:

- "6.2.2. Number
- Two, type approved according to Regulations Nos. 98 or 112, excluding Class A headlamp."

Paragraph 6.6.7.2., amend to read:

- "6.6.7.2. The hazard warning signal may be activated automatically in the event of a vehicle being involved in a collision or after the de-activation of the emergency stop signal, as specified in paragraph 6.23. In such cases, it may be turned "off" manually."

Paragraph 6.9.4.2., amend to read:

- "6.9.4.2. In height: above the ground, not less than 250 mm nor more than 1,500 mm (2,100 mm for O₁ and O₂ categories of vehicles, or if for any other categories of vehicles the shape of the bodywork makes it impossible to keep within 1,500 mm)."

Paragraph 6.21.1.2.5., amend to read:

- "6.21.1.2.5. In cases where the manufacturer, after verification by the Technical Service, can prove to the satisfaction of the authority responsible for type approval that it is impossible, due to the operational requirements which may require special shape, structure or design of the vehicle, to comply with the requirements contained in paragraphs 6.21.2. to 6.21.7.5., then partial fulfilment of some of these requirements is acceptable. This is conditional upon a portion of the requirements being met where possible, and the application of conspicuity markings that partially meet requirements maximised on the vehicle structure. This may include fitting of additional brackets or plates containing material compliant with Regulation No. 104

where structure is available to ensure clear and uniform signalling compatible with the objective of conspicuity.

Where partial fulfilment is deemed acceptable, retro-reflective devices like retro-reflectors of class IVA of Regulation No. 3 or brackets containing retro-reflecting material compliant with photometric requirements of Class C of Regulation No. 104 may substitute part of the required conspicuity markings. In this case, at least one of these retro-reflective devices shall be installed per 1,500 mm.

The necessary information shall be indicated in the communication form."
