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Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations**Working Party on Lighting and Light-Signalling****Eighty-ninth session**

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Item 6 (a) of the provisional agenda

Installation UN Regulations:**UN Regulation No. 48 (Installation of Lighting and Light-Signalling Devices)****Proposal for a Supplement to the 06, 07, 08 [and 09] series of amendments to UN Regulation No. 48****Submitted by the experts from the International Automotive Lighting and Light-Signalling Expert Group ***

The text reproduced below was prepared by the experts from the International Automotive Lighting and Light-Signalling Expert Group (GTB) with the aim to clarify using of daytime running lamps (DRL) with other lamps. The proposed modifications to the current text of the UN Regulations are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2023 as outlined in proposed programme budget for 2023 (A/77/6 (Sect. 20), table 20.6), 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

A. Proposal for a Supplement to the 06 and 07 series of amendments

Paragraph 6.19.7.4., amend to read:

“6.19.7.4. ~~The lamps referred to in paragraph 5.11. may be switched ON when the daytime running lamps are switched ON. If this option is chosen, at least the rear position lamps shall be switched ON.~~

When daytime running lamps are switched ON, the rear position lamps may be switched ON. In addition, any other lamp(s) mentioned in paragraph 5.11. may also be switched ON.”

B. Proposal for a Supplement to the 08 [and 09] series of amendments

Paragraph 6.19.7.5., amend to read:

“6.19.7.5. When daytime running lamps are switched ON, ~~at least~~ the rear position lamps shall be switched ON. ~~Other lamps may also be switched ON according to paragraph 5.11.~~ **In addition, any other lamp(s) mentioned in paragraph 5.11. may also be switched ON.**

However, the rear position lamps and **the** other lamp(s) ~~according to mentioned in~~ paragraph 5.11. may be switched OFF when the daytime running lamps are switched ON, and **may** remain switched OFF as long as the ~~following conditions are met:~~

(a) ~~A~~ambient light conditions outside vehicle are above 7,000 lux (measured according to the requirements of Annex 13).”

II. Justification

1. The current text is not clear and could lead to the wrong interpretation that all lamps in paragraph 5.11. shall be switched ON in case we want to switch ON the rear position lamp reciprocally incorporated with the rearmost side marker lamp, or other lamps than the rear position lamps.

2. This proposal intends to clarify the possibility (for example), when the daytime running lamps are switched ON, of switching ON only the rear position lamp and the rearmost side marker lamp.

3. Paragraph 5.11. already provides the following exemption:

“5.11. The electrical connections shall be such that the front and rear position lamps, the end-outline marker lamps, if they exist, the side-marker lamps, if they exist, and the rear registration plate lamp can only be switched ON and OFF simultaneously.

5.11.1. This requirement does not apply while one or more of the following conditions exist:

...

(c) Daytime running lamps are switched ON;

...”