



**Economic and Social
Council**

Distr.
GENERAL

ECE/TRANS/WP.29/GRE/2008/8
18 January 2008

Original: ENGLISH
ENGLISH AND FRENCH ONLY

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Fifty-ninth session

Geneva, 31 March - 4 April 2008

Item 4(d) of the provisional agenda

REGULATION No. 48

(Installation of lighting and light-signalling devices)

Requirements for light-signalling lamps

Proposal for Supplement 2 to the 04 series of amendments to Regulation No. 48

Submitted by the expert from the Working Party "Brussels 1952" (GTB) */

The text reproduced below was prepared by the expert from GTB following the discussion on conspicuity of front direction indicator lamps and daytime running lamps during the fifty-eighth session of the Working Party on Lighting and Light-Signalling (GRE) (ECE/TRANS/WP.29/GRE/58, paras. 12 and 13). The modifications to the current text of Regulation No. 48 are marked in **bold** characters.

*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

A. PROPOSAL

Paragraph 6.19.7., amend to read:

"6.19.7. Electrical connections

6.19.7.1. The daytime running lamps.....

.....

Furthermore, the lamps referred to in paragraph 5.11. are not switched ON when the daytime running lamps are switched ON."

Insert new paragraph 6.19.7.2., to read:

"6.19.7.2. During the entire period (both on and off cycle) of activation of a front direction-indicator lamp, the electrical connections of the daytime running lamp on the relevant side of the vehicle may be such that either
(a) it is switched off or
(b) its luminous intensity is reduced to a level not exceeding 100cd in all directions.

However, this condition must be fulfilled if the distance between the edge of the apparent surface in the direction of the reference axis of the direction-indicator lamp and that of the apparent surface in the direction of the reference axis of the daytime running lamp is equal or less than 100 mm.

If necessary, demonstration of compliance of the relevant daytime running lamp with the requirement concerning luminous intensity shall be carried out during the approval process of this lamp according to Regulation No. 87.

If a direction indicator lamp is reciprocally incorporated with a daytime running lamp, the electrical connections of the daytime running lamp on the relevant side of the vehicle shall be such that the daytime running lamp is switched off during the entire period (both on and off cycle) of activation of the direction-indicator lamp."

B. JUSTIFICATION

At its fifty-eighth session GRE, considered a proposal from GTB which was intended to ensure the conspicuity of front direction indicators when located close to daytime running lamps (ECE/TRANS/WP.29/2007/21); this proposal did not receive support from several experts. After reconsideration, GTB has prepared a revised proposal which takes into account the outcome of this GRE session by inserting a new paragraph 6.19.7.2. in Regulation No. 48. GTB recognizes that the requirements regarding the mandatory arrangement of electrical connections in the case of a distance of ≤ 100 mm between the direction indicator lamp and the daytime running lamp is a pragmatic solution. GTB considers it a compromise solution between the original GTB proposal and the absence of requirements. Accordingly, it would be the subject of a discussion in GRE regarding suitable transitional provisions, possibly along the lines of those

accepted by the World Forum for Harmonization of Vehicle Regulations (WP.29) regarding the mandatory presence of daytime running lamps (ECE/TRANS/WP.29/2006/88). A complementary proposal of amendments to Regulation No. 87 is included in document ECE/TRANS/WP.29/GRE/2008/11.
