



**Economic and Social  
Council**

Distr.  
GENERAL

ECE/TRANS/WP.29/GRE/2010/16  
14 January 2010

Original: ENGLISH  
ENGLISH AND FRENCH ONLY

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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Sixty-third session

Geneva, 29 - 31 March 2010

Item 4(b) of the provisional agenda

**REGULATION No. 48**

(Installation of lighting and light-signalling devices)

Proposal for Corrigendum 2 to Supplement 2 to the 04 series of amendments

Submitted by the expert from the International Organization of Motor Vehicle Manufacturers \*/

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) in order to permit the activation of courtesy lamps for slow manoeuvres. The proposal is based on ECE/TRANS/WP.29/GRE/2009/38, distributed during the sixty-second session of the Working Party on Lighting and Light-Signalling (GRE) (see report ECE/TRANS/WP.29/GRE/62, paragraph 13). The modifications to the current text of the Regulation No. 48, including Supplement 3 to the 04 series of amendments, are marked in bold or strikethrough characters.

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\*/ 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 2.7.29., amend to read:

"2.7.29. "Exterior Courtesy lamp" means a lamp used to provide supplementary illumination to assist **during:**

- (a) the entry and exit of the vehicle driver and passenger, or
- (b) loading operations, **or**
- (c) **slow manoeuvres;"**

Paragraph 6.24.9., amend to read:

"6.24.9. Other requirements

**6.24.9.1.** The exterior courtesy lamp shall not be activated unless the vehicle is stationary and one or more of the following conditions is satisfied:

- (a) the engine is stopped or
- (b) a driver or passenger door is opened or
- (c) a load compartment door is opened.

**6.24.9.2.** **The exterior courtesy lamp may be activated automatically for slow manoeuvres provided that one of the following conditions is fulfilled:**

- (a) **the engine is started manually, or**
- (b) **reverse gear is engaged, or**
- (c) **a system which assists parking manoeuvres is activated.**

**The exterior courtesy lamp shall switch off automatically when the forward speed of the vehicle exceeds 10 km/h.**

**6.24.9.3.** **The technical service shall perform a visual test which comprises the visions of other road users to these lamps. No glare, discomfort or confusion to other road users shall be observable by these lamps. The activation conditions shall be verified and notified in the test report of the technical service."**

B. JUSTIFICATION

Exterior courtesy lamps of the vehicle illuminate the surrounding field of the vehicle. This can assist the driver during slow manoeuvres e.g., in parking garages, by illuminating obstacles and pedestrians. It will improve pedestrian safety and minimize vehicle damage risk.

1. Actual situation:

- (a) Dipped-beam headlamps illuminate the road surface 2.50 m ahead of the vehicle.
- (b) No illumination at the side of the vehicle is allowed during driving.
- (c) Courtesy lamps are not allowed to be switched on when the engine is running.
- (d) Side marker lamps are not appropriate to illuminate the side of the vehicle or the road surface.
- (e) During slow manoeuvres, the surrounding of the vehicle is not properly illuminated to recognize objects such as pedestrians, ramps, road curbs, etc. in darkness.
- (f) Many accidents happen in these low speed and reverse situations, some with dangerous injuries of humans.

2. Aims of the proposal for activation of courtesy lamps are to:

- (a) protect pedestrians walking by or standing;
- (b) avoid damages of the own vehicle;
- (c) avoid damages of the property of other road users;
- (d) illuminate dangerous objects;
- (e) give the driver a chance to recognize objects in the near surrounding of the vehicle e.g. in a parking garage;
- (f) assist parking maneuvers.

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