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**ECONOMIC COMMISSION FOR EUROPE**

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World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Lighting and Light-Signalling (GRE)  
(Fifty-fifth session, 3-7 October 2005,  
agenda item 20.2.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 112

(Headlamps emitting an asymmetrical passing beam)

Transmitted by the expert from the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below was prepared by the expert from GTB in order to clarify the provisions regarding the testing of headlamps designed to provide bend lighting. The proposal is based on Regulation No. 112, up to and including Supplement 4 to the original version.

The modification to the current text of the Regulation is marked in **bold** characters.

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Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

**A. PROPOSAL**

Paragraph 6.2.9., amend to read:

"6.2.9. The requirements in paragraph 6.2.5. above shall also apply to headlamps designed to provide bend lighting and/or that include the additional light source referred to in paragraph 6.2.10.2. **In the case of a headlamp designed to provide bend lighting its alignment may be changed, provided that the axis of the beam is not displaced vertically by more than 0.2 °.**"

**B. JUSTIFICATION**

The new text of paragraph 6.2.9. is intended to provide instructions to technical services for testing of headlamps providing bend lighting, when checking the photometric values in different (extreme) positions of the passing beam. It takes account of the tolerances in the goniometer, the test fixture and also the actual headlamp mounting in the vehicle.

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