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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-eighth session**

Geneva, 16–18 October 2012

Item 4(a) of the provisional agenda

**Regulation No. 48 (Installation of lighting and light-signalling devices)****Proposal for amendments to the 04 series of amendments****Proposal for Supplement 11 to the 04 series of amendments  
to Regulation No. 48 (Installation of lighting and light-  
signalling devices)****Submitted by the expert from the Working Party "Brussels 1952" \***

The text reproduced below was prepared by the expert from the Working Party "Brussels 1952" (GTB) revising the requirements on replacement of light sources. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106, 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.

## I. Proposal

*Paragraph 5.23.*, amend to read:

"5.23. Lamps **approved with one or more replaceable light source(s) according to Regulation No. 37 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 above."**

## II. Justification

The provision in paragraph 5.23. on light sources according to UN Regulation No. 37 does not take into account that Regulations Nos. 19 and 123 allow the installation of approved light sources as non-replaceable light sources. Moreover, in all signal lamp regulations, approved light sources may be used as non-replaceable light sources whereas for the application of approval of the lamp, such light sources are only indicated as "non-replaceable light sources". This often creates confusion and this proposal aims to clarify the requirements.

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