



## Economic and Social Council

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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-sixth session

Geneva, 4–6 October 2011

Item 12 of the provisional agenda

#### Regulation No. 112 (Headlamps emitting an asymmetrical passing beam)

### Proposal for Supplement 3 to the 01 Series of Regulation No. 112

#### 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) to incorporate the revised definition of "LED Module". 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

*Insert a new paragraph 5.11., to read:*

- "5.11. An LED module shall be:**
- (a) only removable from its device with the use of tools, unless it is stated in the communication sheet that the LED module is non replaceable, and**
  - (b) so designed that regardless of the use of tool(s), it is not mechanically interchangeable with any replaceable approved light source."**

## II. Justification

Recently, the definition of light source modules in Regulation No. 48 has been amended (GRE/2011/20) and a part of the original definition has been moved to a new paragraph 5.29. since the nature of that part is a requirement rather than a definition. However, as device regulations only refer to the definitions of Regulation No. 48, it is necessary to repeat this requirement in the device regulations, in this case in Regulation No. 112.

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