

15 August 2012

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## Agreement

### **Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be fitted and/or be used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions\***

(Revision 2, including the amendments which entered into force on 16 October 1995)

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## **Addendum 111: Regulation No. 112**

### **Revision 2 – Amendment 3**

Supplement 2 to the 01 series of amendments - Date of entry into force: 26 July 2012

### **Uniform provisions concerning the approval of motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or light-emitting diode (LED) modules**



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\* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

*Paragraph 2.2.2.*, amend to read:

"2.2.2. A brief technical ... this shall include:

...

- (b) A drawing with dimensions and the basic electrical and photometric values and the objective luminous flux and for each LED module a statement whether it is replaceable or not;

..."

*Insert a new paragraph 5.3.2.4.*, to read:

"5.3.2.4. In the case of replaceable LED module the removal and replacement of this LED module, as described in Annex 10, paragraph 1.4.1. shall be demonstrated to the satisfaction of the technical service."

*Insert a new paragraph 5.10.*, to read:

"5.10 The definitions in paragraphs 2.7.1.1.3 and 2.7.1.1.7. in Regulation No. 48 allow the use of LED module, which may contain holders for other light sources. Notwithstanding this provision a mixture of LED'(s) and other light sources for the principal dipped beam or the contributor to the bend lighting or each driving beam, as specified by this Regulation is not allowed."

*Annex 1,*

*Item 9,* amend to read:

"9. Brief description:

...

Measures according to paragraph 5.8. of this Regulation: .....

Number and specific identification code(s) of LED module(s) and for each LED module a statement whether it is replaceable or not: yes/no<sup>2</sup> .....

Number and specific identification code(s) of electronic light source control gear(s) .....

..."

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