

E/ECE/324 }
E/ECE/TRANS/505 } Rev.2/Add.111/Amend.2

28 February 2003

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)

Addendum 111: Regulation No. 112

Amendment 2

Supplement 2 to the original version of the Regulation - Date of entry into force: 10 December 2002

**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**



UNITED NATIONS

*/ 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.

GE.03-20770

Insert a new paragraph 1.5., to read:

"1.5. The definitions given in Regulation No. 48 and its series of amendments in force at the time of application for type approval shall apply to this Regulation."

Paragraph 2.2.2., amend to read:

"2.2.2. a brief technical description including, in the case where headlamps are used to produce bend lighting, the extreme positions according to paragraph 6.2.9. below;"

Paragraph 5.9., amend to read:

"5.9. On headlamps designed to provide alternately a driving beam and a passing beam, or a passing beam and/or a driving beam designed to become bend lighting, any mechanical, electromechanical or other device incorporated in the headlamp for these purposes shall be so constructed that:"

Paragraph 5.9.2., amend to read:

"5.9.2. in the case of failure the illumination above the line H-H shall not exceed the values of a passing beam according to paragraph 6.2.5.; in addition, on headlamps designed to provide a passing and/or a driving beam to become a bend lighting, a minimum illumination of at least 5 lux shall be fulfilled in test point 25 V (VV line, D75 cm)."

Paragraph 6.1.1., amend to read:

"... emitting the driving beam. Bend lighting may be produced by activating one additional light source being part of the passing beam headlamp."

Paragraph 6.2.3., amend to read:

"... paragraphs 6.2.5. to 6.2.7. and 6.2.9. below; if it is intended to provide both"

Insert new paragraphs 6.2.9. to 6.2.9.3., to read:

"6.2.9. The requirements in paragraph 6.2.5. above shall also apply to headlamps designed to provide bend lighting.

If bend lighting is obtained by:

- 6.2.9.1. swivelling the passing beam or moving horizontally the kink of the elbow of the cut-off, the measurements shall be carried out after the complete headlamp assembly has been reaimed horizontally, e.g. by means of a goniometer;
 - 6.2.9.2. moving one or more optical parts of the headlamp without moving horizontally the kink of the elbow of the cut-off, measurements shall be carried out with these parts being in their extreme operating position;
 - 6.2.9.3. means of one additional light source without moving horizontally the kink of the elbow of the cut-off, measurements shall be carried out with this light source activated."
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