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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

**World Forum for Harmonization of Vehicle Regulations**

One-hundred-and-forty-seventh session  
Geneva, 10-13 March 2009  
Item 4.2.34 of the provisional agenda

**1958 AGREEMENT**

Consideration of draft amendments to existing Regulations

Proposal for Supplement 5 to the 02 series of amendments to Regulation No. 107  
(M<sub>2</sub> and M<sub>3</sub> vehicles)

Submitted by the Working Party on General Safety Provisions \*/

The text reproduced below was adopted by the Working Party on General Safety Provisions (GRSG) at its ninety-fifth session (ECE/TRANS/WP.29/GRSG/74, para. 23). It is based on Annex III of the report. It is submitted to WP.29 and AC.1 for consideration.

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\*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

Insert new paragraphs 10.5. and 10.6., to read:

- "10.6. As from the official date of entry into force of the Supplement 5 to the 02 series of amendments, no Contracting Party applying this Regulation shall refuse to grant approval under this Regulation as amended by the Supplement 5 to the 02 series of amendments.
- 10.5. As from 12 months after the date of entry into force, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by Supplement 5 to the 02 series of amendments.
- 10.6. As from 24 months after the date of entry into force, Contracting Parties applying this Regulation may refuse first national registration (first entry into service) of a vehicle which does not meet the requirements of Supplement 5 to the 02 series of amendments to this Regulation. "

Annex 3,

Insert new paragraphs 7.7.13 to 7.7.14.7.1., to read

- "7.7.13. Driver's compartment
- 7.7.13.1. The driver shall be protected from standing passengers and from passengers seated immediately behind the driver's compartment who may be projected into the driver's compartment in the event of braking or cornering. This requirement shall be deemed to be satisfied if:
- 7.7.13.1.1. the rear of the driver's compartment is enclosed by a partition; or
- 7.7.13.1.2 in the case of passenger seats located immediately behind the driver's compartment either a guard or, in the case of a vehicle of Class A or B, a safety-belt is fitted. For vehicles having an area available for standing passengers immediately behind the driver's compartment, the option of fitting a safety-belt shall not apply. Where fitted, a guard shall comply with the requirements specified in paragraphs 7.7.13.1.2.1. to 7.7.13.1.2.3. (see Annex 4, figure 30).
- 7.7.13.1.2.1. The minimum height of the guard measured from the floor on which the passenger's feet rest shall be 800 mm.
- 7.7.13.1.2.2. The width of the guard shall extend inwards from the wall of the vehicle at least as far as 100 mm beyond the longitudinal centre line of the innermost relevant passenger seat, but in any case shall extend at least as far as the innermost point of the driver's seat.

- 7.7.13.1.2.3. The distance between the uppermost edge of an area destined to hold any object (e.g. a table) and the uppermost edge of a guard shall be at least 90 mm.
- 7.7.13.2. The driver's compartment shall be protected from objects liable to roll into it from the passenger area immediately behind the compartment in the case of heavy braking. This requirement shall be deemed to be satisfied when a ball of 50 mm diameter cannot roll into the driver's compartment from the passenger area immediately behind the compartment.
- 7.7.13.3. The driver shall be protected from the sun and from the effects of glare and reflections caused by artificial interior lighting. Any lighting likely to affect adversely and significantly the driver's vision shall be capable of being operated only while the vehicle is at rest.
- 7.7.13.4. The vehicle shall be provided with devices allowing defrosting and demisting of the windscreen.
- 7.7.14. Driver's seat
- 7.7.14.1. The driver's seat shall be independent of other seats.
- 7.7.14.2. The seat back shall either be curved or the driver's area shall be provided with armrests positioned in such a way that the driver is neither constrained during vehicle manoeuvring operations, nor becomes unbalanced by transverse accelerations which can occur in service.
- 7.7.14.3. The minimum width of the seat cushion, (dimension F, see annex 4, figure 9) measured from a vertical plane passing through the centre of the seat, shall be:
- 7.7.14.3.1. 200 mm in the case of Class A or B;
- 7.7.14.3.2. 225 mm in the case of Class I, II or III.
- 7.7.14.4. The minimum depth of the seat cushion, (dimension K, see annex 4, figure 11a) measured from a vertical plane passing through the centre of the seat, shall be:
- 7.7.14.4.1. 350 mm in the case of Class A or B;
- 7.7.14.4.2. 400 mm in the case of Class I, II or III.
- 7.7.14.5. The minimum overall width of the seat back measured up to a height of 250 mm above the horizontal plane tangential to the uppermost surface of the uncompressed seat cushion shall be 450 mm.
- 7.7.14.6. The distance between armrests shall ensure a free space for the driver, as defined in paragraph 7.7.14.2., of not less than 450 mm.

7.7.14.7. The seat shall be adjustable in its longitudinal and vertical positions and in its seat back inclination. It shall lock automatically in the selected position and, if fitted with a swivelling mechanism, it shall lock automatically when in the driving position. The seat shall be equipped with a suspension system

7.7.14.7.1. The suspension system and the vertical position adjustment are not mandatory for vehicle of Class A or B."

Paragraph 7.8.3., amend to read:

"7.8.3. (Reserved)"

Add a new amendment to the existing paragraph 7.12.1., to read:

"7.12.1. .... Class A or B, a safety-belt shall be fitted. Where fitted, the guard shall ....."

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