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REGULATIONS Nos. 13 AND 13-H (Braking)

Endurance brake systems

Proposal for draft amendments to Regulation No. 13
(Braking)

Submitted by the expert from the European Association of Automotive Suppliers (CLEPA)

The text reproduced below was prepared by the expert from CLEPA to insert a further amendment to Regulation No. 13 regarding special requirements for the illumination of stop lamps for vehicles equipped with endurance brakes. It is based on a document without a symbol (informal document No. GRRF-61-19-Rev.1), distributed during the sixty-first GRRF session (see report ECE/TRANS/WP.29/GRRF/61, para. 4).

The modifications to the current text of the Regulation are marked in **bold** characters.

A. PROPOSAL

Paragraphs 5.2.1.30.2. and 5.2.1.30.2.1., amend to read:

"5.2.1.30.2. Requirements for vehicles installed with endurance braking systems

5.2.1.30.2.1. In the case of vehicles that utilise electronic signalling to control initial application of braking, the following shall apply:

Deceleration Thresholds	
$\leq 1.0 \text{ m/sec}^2$	$> 1.0 \text{ m/sec}^2$
May generate the signal	Shall generate the signal

"

Insert new paragraphs 5.2.1.30.2.2. and 5.2.1.30.2.3., to read:

"5.2.1.30.2.2. In the case of vehicles equipped with a braking system of a specification different to that defined in paragraph 5.2.1.30.2.1. above, the operation of the endurance braking system may generate the signal irrespective of the deceleration produced.

5.2.1.30.2.3. The signal shall not be generated when retardation is produced by the natural braking effect of the engine alone."

Insert a new paragraph 12.2.5., to read:

"12.2.5. As from [24] months after the date of entry into force of [Supplement X to the 10 series of amendments], 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 X to the 10 series of amendments]."

B. JUSTIFICATION

The amendments to Regulation No. 13 are necessary to insert special requirements for the illumination of stop lamps for vehicles equipped with endurance brakes, including requirements for the transitional provisions.
