

Proposal for Amendments to Regulation 48

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

A PROPOSAL:

6.2.6.2. Headlamp levelling device

6.2.6.2.1. In the case where a headlamp levelling device is necessary to satisfy the requirements of paragraphs 6. 2. 6. 1. 1. and 6. 2. 6. 1. 2. , the device shall be automatic.

6.2.6.2.2. However, devices which are adjusted manually, either continuously or non-continuously, shall be permitted, provided they have a stop position at which the lamps can be returned to the initial inclination defined in paragraph 6. 2. 6. 1. 1. by means of the usual adjusting screws or similar means.

These manually adjustable devices must be operable from the driver' s seat.

Continually adjustable devices must have reference marks indicating the loading conditions that require adjustment of the dipped-beam.

The number of positions on devices which are not continuously adjustable must be such as to ensure compliance with the range of values prescribed in paragraph

Amend paragraph 6.2.9. to read:

6.2.9. Other requirements

The requirements of paragraph 5. 5. 2. shall not apply to dipped-beam headlamps.

Dipped-beam headlamps with a light source or LED module(s) producing the principal dipped beam and having a total objective luminous flux which exceeds 2, 000 lumen shall only be installed in conjunction with the installation of headlamp cleaning device(s) according to Regulation No. 45. 11/

With respect to vertical inclination the provisions of paragraph 6. 2. 6. 2. 2. above shall not be applied for dipped-beam headlamps:

(a) with LED module(s) producing the principal dipped beam, or

(b) with a light source producing the principal dipped beam and having an objective luminous flux which exceeds 2, 000 lumen, **or**

(c) with a light source according to Regulation No. 99 producing the principal dipped beam.

Only dipped-beam headlamps according to Regulations Nos. 98 or 112 may be used to produce bend lighting.

If bend lighting is produced by a horizontal movement of the whole beam or the kink of the elbow of the cut-off, it shall be activated only if the vehicle is in forward motion; this shall not apply if bend lighting is produced for a right turn in right hand traffic (left turn in left hand traffic).

B JUSTIFICATION:

Following the discussion in GRE 64 to item 15.