



**Economic and Social  
Council**

Distr.

GENERAL

TRANS/WP.29/723

3 May 2000

ENGLISH

Original: ENGLISH and  
FRENCH

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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

DRAFT SUPPLEMENT 4 TO THE 01 SERIES OF AMENDMENTS  
TO REGULATION No. 45

(Headlamp cleaners)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its fourteenth session, following the recommendation by WP.29 at its one-hundred-and-twentieth session. It is based on document TRANS/WP.29/1999/33, as corrected (French only) (TRANS/WP.29/703, para. 167).

Paragraph 6.1., amend to read:

- "6.1. The headlamp cleaner shall be designed and constructed to clean those parts of the light emitting surface of the headlamp which distribute the passing beam and, as an option, the driving beam, so that at least the cleaning effect specified in paragraph 7 below is achieved."

Paragraph 6.5.4., amend to read:

"..... controls for other cleaning devices.

In addition, when the cleaning device is required to be fitted, and in the absence of any automatic activation of the cleaning device, it must operate through at least one cleaning period when, the headlamps being already switched on, the windscreen washers are operated."

Paragraph 7.1., amend to read:

- "7.1. The efficiency of the cleaner shall be tested in accordance with the requirements of annex 4 to this Regulation. The cleaning efficiency at the points on the measuring screen which are specified below shall, after every cleaning period, amount to at least 70 per cent for the passing lamp and also 70 per cent for the optional driving lamp."

Paragraphs 13. to 13.3.2., replace by the following text:

"13. TRANSITIONAL PROVISIONS

Installation of headlamp cleaners in new vehicles

- 13.1. As from the official date of entry into force of Supplement 4 to the 01 series of amendments, no Contracting Party applying this Regulation shall prohibit the fitting on a vehicle of a headlamp cleaner approved under this Regulation as amended by Supplement 4 to the 01 series of amendments.
- 13.2. Contracting Parties applying this Regulation shall continue to allow fitting on a vehicle of a headlamp cleaner approved to this Regulation as amended by the preceding series of amendments during the 24 months period which follows the date of entry into force of Supplement 4 to the 01 series of amendments.

- 13.3. Upon the expiration of a period of 48 months after the date of entry into force, Contracting Parties applying this Regulation may prohibit the fitting of a headlamp cleaner which does not meet the requirements of this Regulation as amended by Supplement 4 to the 01 series of amendments on a new vehicle for which national type approval or individual type approval was granted more than 24 months after the date of entry into force of Supplement 4 to the 01 series of amendments to this Regulation.
- 13.4. Upon the expiration of a period of 60 months after the date of entry into force, Contracting Parties applying this Regulation may prohibit the fitting of a headlamp cleaner which does not meet the requirements of this Regulation as amended by Supplement 4 to the 01 series of amendments on a new vehicle first registered more than 60 months after the date of entry into force of Supplement 4 to the 01 series of amendments to this Regulation."
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