



**Economic and Social  
Council**

Distr.

RESTRICTED

TRANS/WP.29/547

28 April 1997

ENGLISH

Original: ENGLISH  
and FRENCH

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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Construction of Vehicles

DRAFT SUPPLEMENT 3 TO THE 01 SERIES OF AMENDMENTS  
TO REGULATION No. 48  
(Installation of lighting and light-signalling devices)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its fifth session, following the recommendation by the Working Party at its one-hundred-and-eleventh session. It is based on document TRANS/WP.29/R.772, as amended (French only) (TRANS/WP.29/534, paras. 60 and 122).

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Insert a new paragraph 5.23., to read:

"5.23. Any temporary fail-safe replacement of the light-signalling function of a rear position lamp is allowed, provided that the substituting function in case of a failure is similar in colour, main intensity and position to the function that has ceased to operate and provided that the substituting device remains operational in its original safety function. During substitution, a tell-tale on the dashboard (see para. 2.18. of this Regulation) shall indicate occurrence of a temporary replacement and need for repair."

Paragraph 6.2.4.2, add at the end the following text (including also a new footnote \*/):

"....For category N<sub>3</sub>G (off-road) vehicles \*/, the maximum height may be increased to 1500 mm

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\*/ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3), Annex 7 (document TRANS/SC.1/WP.29/78/Amend.3)"

Paragraph 6.2.6.1.2 (as numbered in Regulation No. 48, Revision 1, Amendment 1), add at the end the following text:

"....For category N<sub>3</sub>G (off-road) vehicles where the headlamps exceed a height of 1200 mm, the limits for the vertical inclination of the cut-off shall be between: -1.5% and -3.5%.  
The initial aim shall be set between: -2% and -2.5%"

Paragraph 6.4.2., amend to read:

"6.4.2. Number

One or two on all vehicles.  
Optional: Additional one or two white fog lamps approved to Regulation No. 19 on vehicles of category N<sub>2</sub>, N<sub>3</sub>, M<sub>2</sub>, M<sub>3</sub>, O<sub>2</sub>, O<sub>3</sub> and O<sub>4</sub>."

Paragraph 6.4.5., add the following text at the end:

".....

In case of fog lamps approved to Regulation No. 19:

$\alpha$  = 5° upwards and downwards

$\beta$  = 45° outwards and inwards if there is only one lamp  
45° outwards and 10° inwards if there are two lamps."

Paragraphs 6.4.6. and 6.4.7., replace by the following text:

"6.4.6. Orientation

Rearwards

Fog lamps approved to Regulation No. 19: they must be directed rearwards without causing undue dazzle or discomfort to other road users.

6.4.7. Electrical connection

6.4.7.1. They shall be such that the lamp can light up only if the reverse gear is engaged and if the device which controls the starting and stopping of the engine is in such a position that operation of the engine is possible. It shall not light up or remain lit if either of the above conditions is not satisfied.

6.4.7.2. When fog lamps approved to Regulation No. 19 are mounted they shall be switched on and off separately while at the same time the conditions of paragraph 6.4.7.1. remain satisfied. When one of the conditions of paragraph 6.4.7.1 is no longer satisfied, the lamp(s) shall be switched off, and remain off until the conditions of paragraph 6.4.7.1. are fulfilled and the lamp(s) are deliberately switched on again."

Paragraph 6.9.4.2., amend to read:

"6.9.4.2. In height: above the ground, not less than 350 mm nor more than 1,500 mm (2,100 mm for O<sub>1</sub> and O<sub>2</sub> categories of vehicles, or if for any other categories of vehicles the shape of the bodywork makes it impossible to keep within 1,500 mm)."

Paragraph 6.11.4.2, add at the end the following text:

".....For category N<sub>3</sub>G (off-road) vehicles, the maximum height may be increased to 1200 mm".

Annex 9, paragraph 1.3.2., amend to read:

".....  
0.7% to 3.3% for headlamp mounting height  $1.0 < h \leq 1.2$  m;  
1.2% to 3.8% for headlamp mounting height  $h > 1.2$  m.  
The states of loading ....."

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