
Proposal for amendment to document ECE/TRANS/WP.29/GRE/2013/12

I. Proposal

Paragraph 6.2.6.1.2., delete the following sub paragraph:

~~"If the dipped beam headlamps in a height above 1,500 mm are switched on, the maximum travel speed is limited to 40 km/h. Appropriate information must be given to the user."~~

Paragraph 6.2.6.2.2., amend to read:

"Devices which are adjusted manually, ...

These manually adjustable devices ~~shall~~ **may** be operable from the driver's seat.

In the case of devices operable from the driver's seat the following requirements apply.

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

The number of positions....."

Paragraph 6.5.5., add a second sub paragraph to read:

"Horizontal angles: See Annex 5

The value 10° (Annex 5, Arrangement D) given for the inward angle of visibility of the front indicator may be reduced to 3° for vehicles with an overall width not exceeding 1400 mm.

Vertical angles:"

Insert a new paragraph 6.9.5.1.3. to read:

"At least one pair of devices must meet the requirements set in paragraph 6.9.5."

Paragraph 6.14.2., amend to read:

"Number: Two. **Additional pair(s) of devices are allowed in application of ~~or four more~~ (see paragraph 6.14.5.1.)**"

Paragraph 6.14.5.1.1., amend to read:

"Two retro-reflectors must keep within the maximum height of 900 mm above the ground. However, this upper limit may be increased to not more than ~~1,200~~ **1,500** mm if it is impossible to keep within the height of 900 mm without having to use fixing devices liable to be easily damaged or bent."

Paragraph 6.14.5.1.3. (new), add the paragraph to read:

"At least one pair of devices must meet the requirements set in paragraph 6.14.5."

Paragraph 6.16.1., amend to read:

"Presence: ~~Optional~~. **Mandatory when the support for the registration plate is fitted on the vehicle.**"

II. Justification

Paragraph 6.2.6.1.2.

The requirements of the second paragraph of point 6.2.6.1.2 should be deleted. If all visibility requirements for these lamps are respected, there is no reason for this speed restriction.

Paragraph 6.2.6.2.2.

The adjustment feature should not be compulsory from the driver's seat.

In addition, regarding in general the subject "headlamps vertical aiming" we suggest to revise the whole paragraph 6.2.6. and related sub-paragraphs. We think that some improvements to the text of these paragraphs are necessary and in particular, for loading conditions, the simple reference to Annex 5 of ECE Regulation 48 is not totally appropriate.

Paragraph 6.5.5

Geometric visibility of direction-indicator lamps. Regarding horizontal angles, a new sentence should be added, in order to keep alignment with Directive 2009/61/EC.

Paragraph 6.9.5.1.3.

The new point is necessary otherwise it is not clear which angles of visibility have to be respected when more than two lamps are fitted on the vehicle.

Paragraph 6.14.2.

Additional reflecting devices should be permitted, provided that point 6.14.5.1 is respected.

Paragraph 6.14.5.1.1.

The upper limit should be increased to ensure compliance of the biggest machines. Suggested value (1,500 mm) is the same of side retro-reflectors (see point 6.15.4.2). This change would align the upper limit of both side and rear reflectors.

Paragraph 6.14.5.1.3

The new point is necessary otherwise it is not clear which angles of visibility have to be respected when more than two lamps are fitted on the vehicle.

Paragraph 6.16.1

Rear registration plate lamp should be mandatory in those Member States where the registration plate is requested and, by consequence, the related support shall be fitted.
