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PROPOSAL FOR AMENDMENTS TO DRAFT REGULATION
UNIFORM TECHNICAL PROVISIONS CONCERNING
THE FORWARD FIELD OF VISION OF DRIVERS

Transmitted by the Expert from Japan

Note: The text reproduced below was prepared by the expert from Japan in order to introduce into the draft Regulation new specifications regarding the visibility of obstructions on the ground. It refers to document TRANS/WP.29/GRSG/2000/19. The document is based on the text of a document distributed without a symbol (informal document No. 14) during the eighty-second session (TRANS/WP.29/GRSG/61, para. 39). The amendments are indicated in bold characters.

Note: This document is distributed to the Experts on General Safety Provisions only.

A. PROPOSAL

Insert a new paragraph 2.19., to read:

"2.19. The "O" points represent the driver's ocular points, that is, the position of the driver's eyes that will be used to evaluate the visibility of obstructions to the forward field of vision."."

Paragraph 5.1.4., amend to read:

"5.1.4. The following are not considered to be obstructions to the field of vision within the meaning of paragraphs 5.1.3 and 5.1.6.

.....
....."

Insert a new paragraph 5.1.6., to read:

"5.1.6 In the case of a right-hand drive vehicle, a 1 m-tall cylinder with a diameter of 0.3 m located inside a space bounded by a vertical plane located 2.0 m in front of the vehicle, a vertical plane located 2.3 m in front of the vehicle, a vertical plane located 0.9 m from the left side of the vehicle, and a vertical plane located 0.7 m from the right side of the vehicle shall be at least partially visible from either point OD or point OE (see figure 1). In the case of a left-hand drive vehicle, substitute "right side" in place of "left side" and "left side" in place of "right side" in the above."

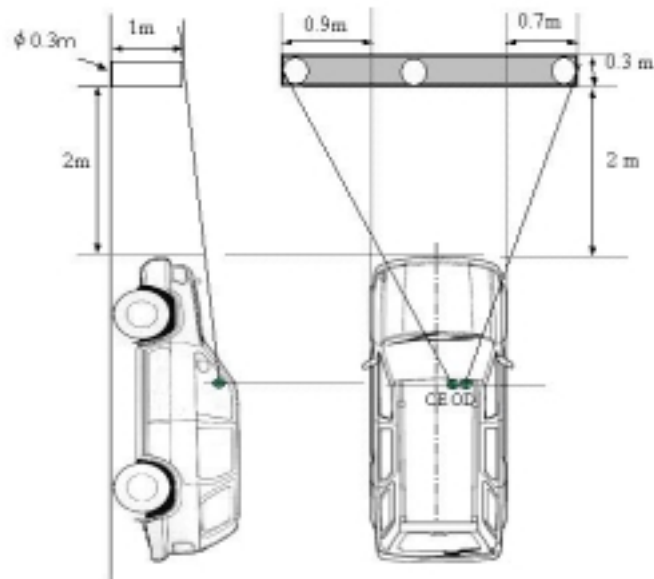


Figure 1

Annex 5,

Insert a new paragraph 6., to read:

"6. POSITION OF O POINTS

If the design seatback angle is 25°, the O points are two points that pass through a point 635 mm vertically above point R, are located on a straight line perpendicular to the vehicle centre, and are 65 mm equidistant from a point 635 mm vertically above point R, with point OD representing the right O point and point OE representing the left O point. If the design seatback angle is not 25°, the position of these points shall be corrected according to Table VI."."

* * *

B. JUSTIFICATION

Document TRANS/WP.29/GRSG/2000/19 specifies only the downward angle regarding the forward vision downward field of vision; vehicles with high eye points may have problems with visibility regarding obstructions to the forward field of vision. Japan therefore wishes to add field of vision specifications regarding the visibility of obstructions located on the ground.

Japan modified the definition of the B points in informal document No. 14, which was submitted during the eighty-second session of GRSG. Since the B points, as previously defined, are equivalent to the driver's ocular points (OD, OE), which represent the driver's eye position as defined in Annex 1 of the European Community Directive 71/127/EEC, the name of the points to OD and OE has been modified in line with the above-mentioned Directive.
