

Proposed Additions to GRSG/2000/19 Visibility Requirements

Transmitted by the expert from Japan

Since GRSG/2000/19 specifies only the downward angle regarding the forward vision downward field of vision, vehicles with high eyepoints may have problems with visibility regarding obstructions to the forward field of vision. We therefore want to add field of vision specifications regarding the visibility of obstructions on the ground.

2. Definitions

2.19

Point "B" indicates the center of the driver's eyes, the point that should be used to evaluate the visibility of obstructions to the forward field of vision.

5. Specifications

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. [The underlined added]

5.1.6 A 1m-tall cylinder with a diameter of 0.3 m located inside a space bounded by a vertical plane located 2 m in front of the vehicle, a vertical plane located 2.3 m forward of the vehicle, a vertical plane located 0.9 m from the left side of the vehicle, a vertical plane located 0.7 m from the right side of the vehicle shall be wholly or partially visible from point B1 or B2.

Annex 5

6. Position of Point B

If the design seatback angle is 25°, points B1 and B2 are two points that pass through a point 635 mm perpendicularly above point R, are located on a straight line perpendicular to the vehicle center, and are 65 mm equidistant from a point 635 mm perpendicularly above point R. If the design seatback angle is not 25°, the position of these points shall be corrected according to Table VI.
