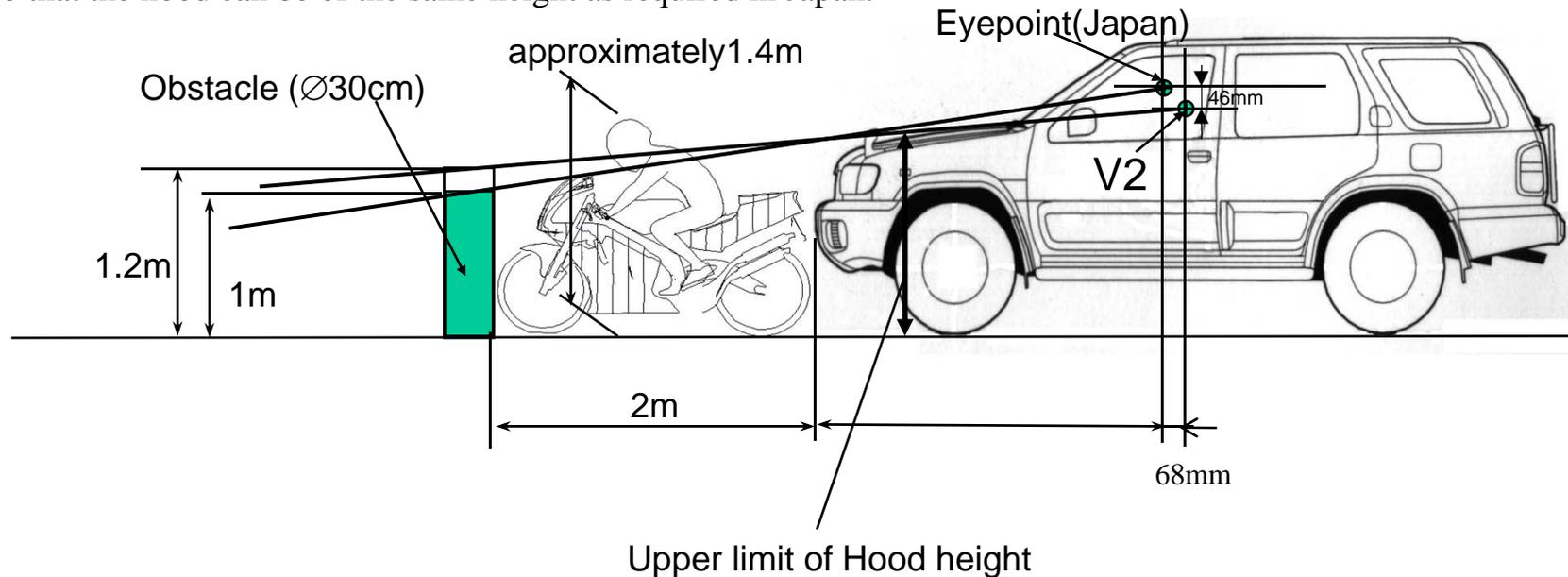


Concept of obstacle (submitted by Japan)

Informal document GRSG-104-45
(104th GRSG, 15-19 April 2013
Agenda item 5)

1. 01 series of amendments to Regulation No. 125

Under the Japanese regulation, in order to view the preceding motorcycle, the hood height is regulated by requiring that a 1-m cylindrical object, which represents such motorcycle, be visible. However, since the eye-point specified in the Japanese regulation is higher by 46 mm and more forward by 68 mm than point V2 in UN Regulation No. 125, the hood has to be lower than the Japanese requirement if the 1-m cylindrical object is required to be visible from V2. For this reason, we propose to change the height of the cylindrical object to 1.2 m so that the hood can be of the same height as required in Japan.



2. Proposal for amendments to Regulation No. 46

The target of vision is a pedestrian approaching the vehicle. The minimum size of a pedestrian walking alone was assumed to be a 5-year-old child, and a 1-m cylinder was set as the object. If this object is viewed through a mirror or camera, the location of the eye-point does not affect the visibility and thus there is no problem in harmonization with the Japanese regulation.