

Draft proposal on device to break the glass of emergency windows; 23th of Nov., 2020
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7.6.8. Technical requirements for emergency windows.

7.6.8.1. Every hinged or ejectable emergency window shall open outwards. Ejectable types shall not become totally detached from the vehicle when operated. The operation of ejectable windows shall be such that inadvertent ejection is effectively prevented.

7.6.8.2. Every emergency window shall either:

7.6.8.2.1. Be capable of being easily and instantaneously operated from inside and from outside the vehicle by means of a device recognised as satisfactory. This provision includes the possibility of using e.g. panes of laminated glass or plastic material,

or

7.6.8.2.2. Be made of readily-breakable safety glass. This latter provision precludes the possibility of using panes of laminated glass or of plastic material. **An easy-to-operate device for breaking the glass shall be provided permanently fixed adjacent to or on each emergency window, readily available to persons inside the vehicle, to ensure that each window can be broken. The glass pane or glass panes (in case of double or multiple glazing) shall break after a single positive action of a person operating the device. This shall be verified to the satisfaction of the Technical Service.**

To ensure a good visibility of the device for breaking the glass and to avoid unintended operation, each device shall be positioned in the middle third of the width of and adjacent to the upper edge of the window surface.

The inner surface of each emergency window shall be fitted with a plastic film to enable the person to remove the window pane or panes with his hands. The film shall cover the entire surface except an area minimum 10 mm from the outer edge of the emergency window.

Each device for breaking the glass of emergency windows shall be supplemented by a safety-sign according to 7.6.11. of this regulation.

~~The device for breaking the glass for the emergency windows at the rear of the vehicle shall be positioned either centrally above or below the emergency window or, alternatively, a device shall be positioned adjacent to each end of the window.~~

7.6.8.3. Every emergency window which can be locked from the outside shall be so constructed as to be capable of being opened at all times from inside the vehicle.

7.6.8.4. If the emergency window is of a type horizontally hinged at the top edge, an appropriate device shall be provided to hold it fully open. Every hinged emergency window shall operate so as not to obstruct clear passage from inside or outside the vehicle.

7.6.8.5. The height of the lower edge of an emergency window fitted in the side of the vehicle from the general level of the floor immediately below it (excluding any local variations such as the presence of a wheel or transmission housing) shall be not more than 1,200 mm nor less than 650 mm in the case of a hinged emergency window, or 500 mm in the case of a window made of breakable glass. However, in the case of a hinged emergency window, the height of the lower edge may be reduced to a minimum of 500 mm provided that the window aperture is equipped with a guard up to a height of 650 mm to prevent the possibility of passengers falling out of the vehicle. Where the window aperture is equipped with a guard, the size of the window aperture above the guard shall not be less than the minimum size prescribed for an emergency window.

7.6.8.6. Every hinged emergency window which is not clearly visible from the driver's seat

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shall be fitted with an audible warning device to warn the driver when it is not completely closed. The window lock, and not the movement of the window itself, shall actuate this device.