Rear underrun protection device (RUPD)

Legislation
EC Directive 70/221/EEC
UN Regulation R58

Objective
All vehicles must be so constructed and/or equipped as to offer effective protection over their whole width against under running from the rear by a vehicle of categories M1 and N1.

Requirement
For categories O1, O2:

- if the ground clearance of the rear part of the unladen vehicle does not exceed 55 cm over a width which is not shorter than that of the rear axle by more than 10 cm on either side (excluding any tyre bulging close to the ground)
For Information purposes only. Summarised version of legislative requirements. Please note that requirements within actual legislation supersede version below and are subject to changes

**Requirement**

For Categories O3, O4:

- The vehicle is fitted with an approved rear under run device installed as per manufacturer’s instructions (see image below)
  
  **If an unapproved device is used evidence must be supplied to demonstrate that the device offers adequate strength across the rear of the vehicle**

- The vehicle is so designed and/or equipped at the rear that, by virtue of their shape and characteristics, its component parts can be regarded as replacing the rear underrun protective device.
  
  Components whose combined function satisfies the requirements set out in 5.4 of directive 70/221/EEC are considered to form a rear underrun protection device

**Image below**

A = min. 100mm  
B = min. 550mm unladen
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