



Elevating and Amusement Devices Safety Program	Ref. No.: 305 / 24
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Subject: Minimum Vertical Clearance on Load Carriers for Parking Garage Lifts (PGL)

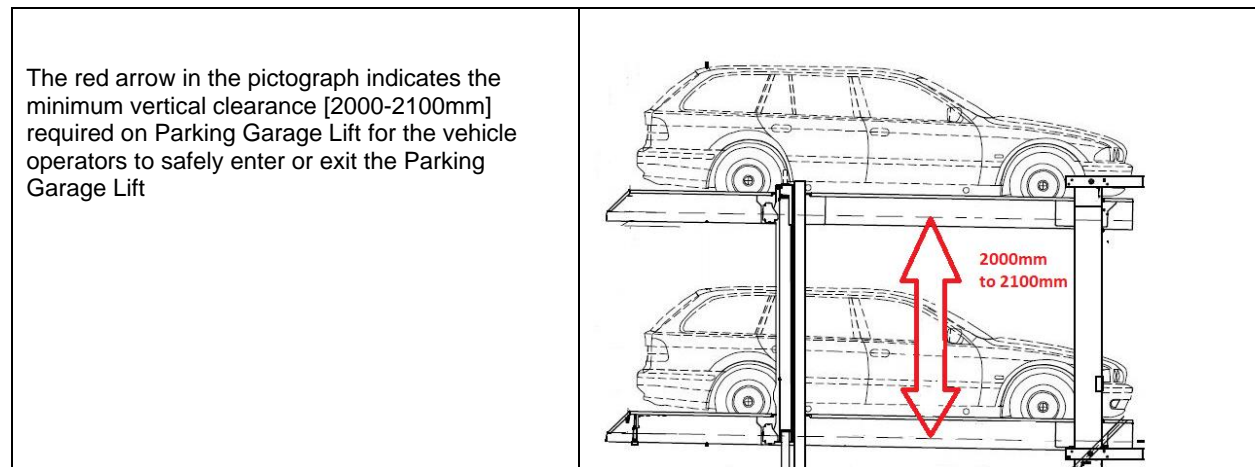
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This advisory is intended to bring awareness to the expected vertical clearance to be provided between load carriers for Parking Garage Lifts.

Advisory:

A 2000 mm clear headroom between the load carriers of a PGL shall be provided so users can safely enter and exit the working area of the PGL. This 2000mm height is for vertically moving parking garage lifts or any parking garage lifts where the vehicle operator needs to stand under the load carrier.

The 2000m height should be measured from the floor or from the carriers to the lowest portion of the upper carriers. The minimum vertical clearance for a **parking space** extends over the entire length and width of the **parking space**.



Background:

A low vertical clearance between load carriers on vertically moving Parking Garage Lifts (PGL), could result in bodily injuries to users entering or exiting the PGL.

The EN 14010 code for PGL's does not clearly specify the clearance between load carriers but does address heights for users travelling through doorways as they enter and exit the PGL working area. Applying a similar height requirement for distance between load carriers is consistent with requirements from most major cities in Ontario that require 2000mm to 2100mm for the Vertical Clearance of a Parking Space in the city bylaws.