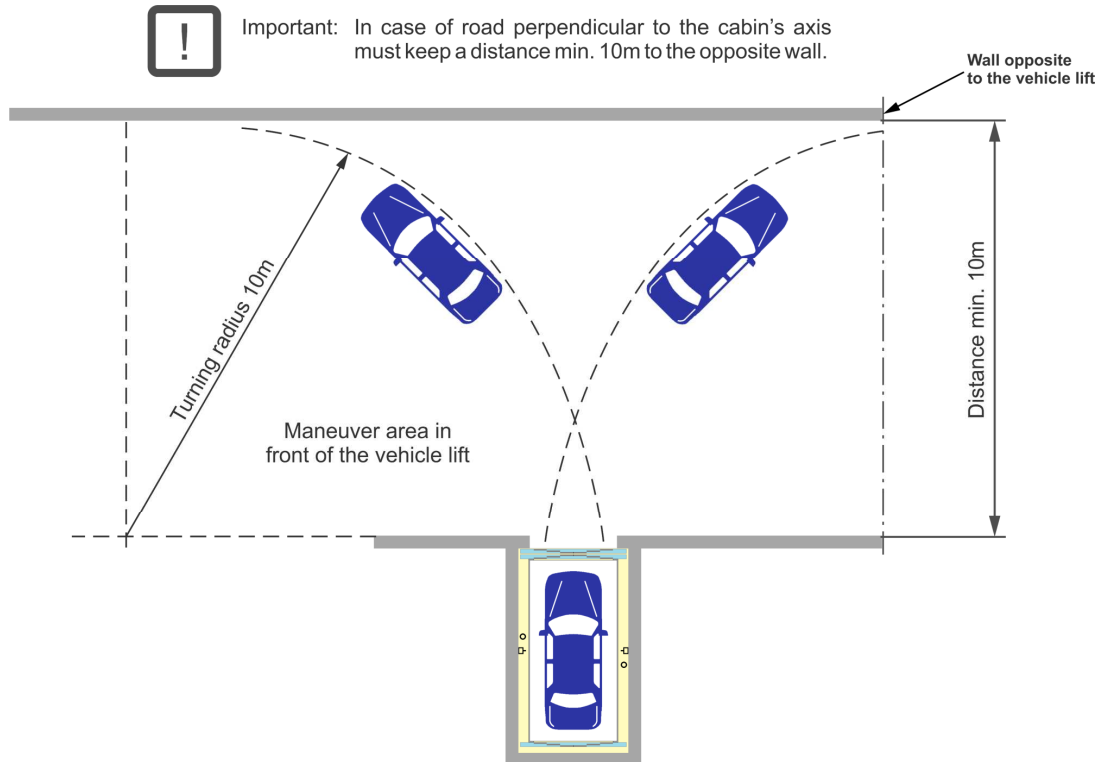


# GMV VEHICLE LIFTS

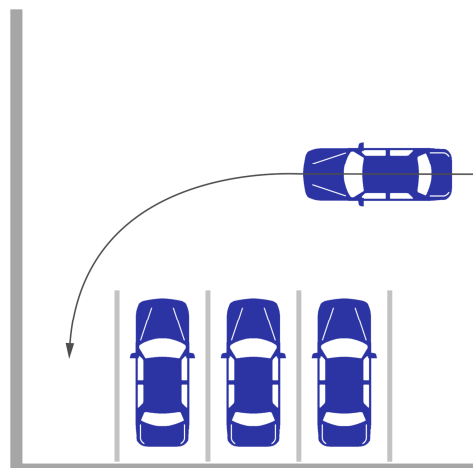
In case of VL40, GMV recommends the minimal distance from the shaft doors to the opposite wall / bulkhead of 10m.



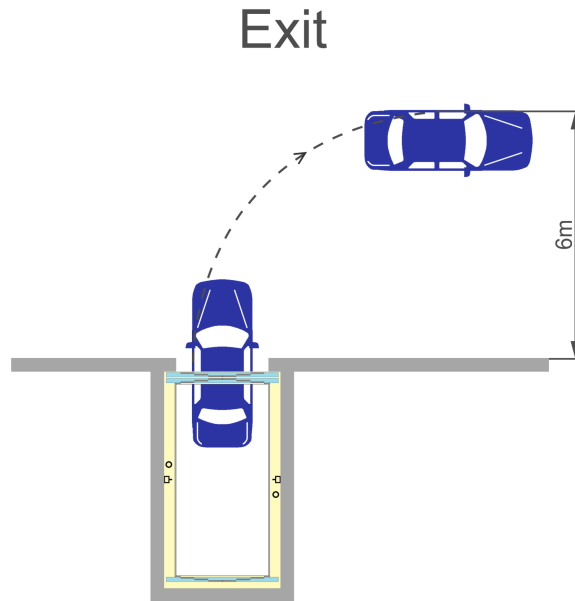
Why so much, since the external min. turning radius for most cars do not exceed 6 m?

Please find the explanation:

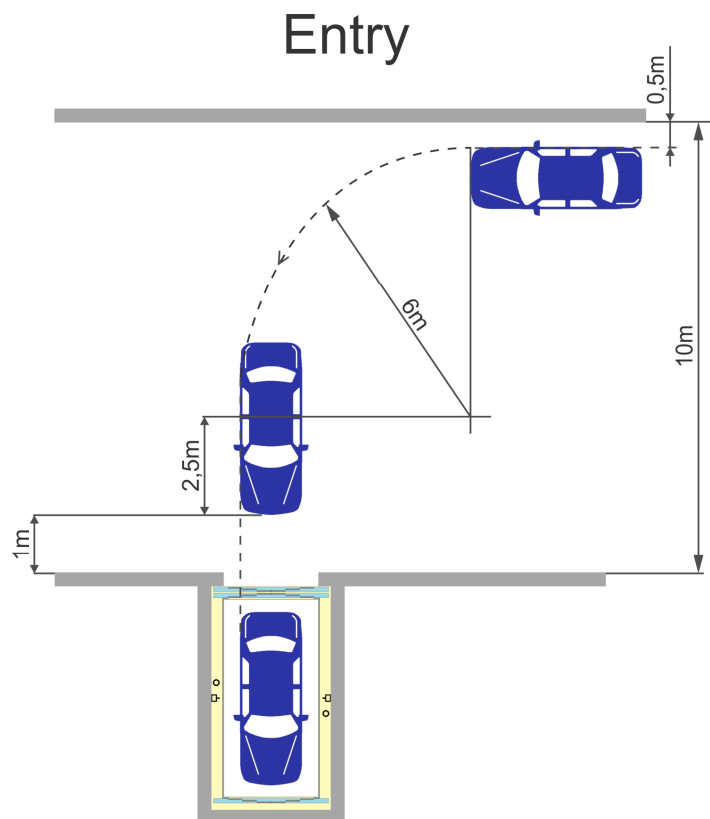
- The idea of giving the distance from the opposite wall appeared, when GMV was asked to verify the drawings of the vehicle lift and the opposite wall located 6m away of the cabin (according to the turning radius).
- The dimensions of the largest S-Class limousines are: length of 5,25 m, width 2,15 m. We assume that such cars will also take advantage of the lift.
- GMV is of the opinion that the entry and exit should be "at one time" without maneuvering in front of the cabin. Owing to that the number of circulating cars will be higher and above all it will reduce the risk of lift damages and its immobility - and thus, immobilization of the other vehicles in the garage.
- The entrance to the cabin is best illustrated by the frequent situation: parking at the wall. It is easy to go out, but it's hard to drive in so that the car is parallel to the wall. Usually it enters "several times".



- Similarly, the vehicle lift. It's easy to leave "at one time" - just half the car leave the cabin and distance of 6 m is reached.



- Entry will not be so easy. Rather few drivers could enter "at one time" to the cabin, pass the mirrors of the frame and stop the car parallel to the walls. We assume that the initial distance from the opposite wall is 0,5m, full turn of 6m, half of the car is 2,5 m and 1 m distance from the cabin. This 1m is needed to do final adjustments before enter. According to GMV, only such approach will ensure optimum operation of the lift in the case of the perpendicular way. The ideal solution would be to place the lift along the way in the garage (perpendicular to the parked vehicles).



Vehicle lift VL45 has larger cabin and wider doors. Minimum distance of 8,5 m should be sufficient.

**Vehicle Lifts by GMV – the most perfect lift devices to carry vehicles that have ever been invented.**