

Wheelchair Tie-down System and Boarding Devices

In accordance with Road Traffic (Construction and Maintenance of Vehicles) Regulations (Cap. 374A), every vehicle including all body work and fittings shall be –

- (a) soundly and properly constructed of suitable materials;
- (b) in good and serviceable condition; and
- (c) of such design and model of construction as to be capable of withstanding the loads and stresses likely to be encountered in operation.

Currently, for private car, taxi and rehabilitation bus, etc. capable of carrying wheelchair users, the wheelchair must be secured to the vehicle in accordance with the legislation if the wheelchair is used as a seat. The vehicle shall also be assessed / approved by Transport Department before it can be registered and licensed.

Transport Department shall accept a wheelchair, when being used as a seat, having met these requirements when it has been tied down properly by a tie-down system of construction meeting either the vehicle manufacturer's design standard, GB/Z 43468, ISO 10542 standard or other equivalent standards. For wheelchair boarding devices¹ such as wheelchair lift, ramp, etc., they must be in compliance with relevant legislations, capable to withstand the loaded weight and installed properly to the vehicle in accordance with manufacturer's instruction.

To ensure that relevant system / devices could be used properly, drivers or other operators shall be familiar with the operation. Clear and legible user guides of the system / devices shall be available on board the vehicle at all times.

Vehicle Safety and Standards Division
Transport Department
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¹ The wheelchair boarding devices shall be certified annually by an independent and qualified surveyor on the safety of design, construction and required rated loads. For details on the concerned requirement, please refer to the guideline: ["Recommended Minimum Specification Requirements for Vehicle Modification as Wheelchair Accessible - Private Cars for Passengers with Mobility Disability"](#)