

Passenger transportation using a wheelchair mounted with E-Move/E-Drive as a seat in vehicles

It is recommended that the user moves to a fixed seat in the vehicle and uses the three-point safety belt

Decon Wheel AB is marketing the drive units E-Move and E-Drive which can be mounted on different kinds of wheelchairs.

A crash test according to ISO 7176-19 has been performed for both E-Move and E-Drive by third part using UNWIN restraint system. The test includes E-Move/E-Drive in combination with a manual wheelchair. The purpose is to assure the security of the passenger in case the wheelchair is used as a seat in vehicles. On the basis of the positive result of the test, transportation of the passenger in the wheelchair equipped with E-Move/E-Drive can be allowed provided that

- the manufacturer of the wheelchair declares that the specific wheelchair is approved for transportation of persons in vehicles according to ISO 7176-19,
- the combination of wheelchair and E-Move/E-Drive is documented by Decon Wheel
- the passenger in the wheelchair is using three-point safety belt,
- the wheelchair as well as the passenger shall be secured according to the instruction of the wheelchair manufacturer,
- the combination shall be tensioned with straps according to ISO 10542,
- the power of E-Move/E-Drive is turned off or the battery is removed.

Finally, please observe that the local law of a country always shall be considered.

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