

The wheelchair tie-down systems are always made up of 4 points :

- ◇ 2 front
- ◇ 2 rear

Depending on the use, the system can be composed of different types of tie-downs and belts. The below products are certified according to ISO 10542 standard requirements regarding 3 point occupant seatbelt .

## How to choose your tie-downs in 1, 2 et 3 ?

### 1. Tie-downs

Choose the type of tie-downs you want to install. Manual tension belts, retractable tie-downs: electric tie-downs , Quattro standard mechanical tie-downs with manual tension, Quattro Express with automatic tensioning mechanism. The tie-downs are available with a black plastic cover metal cover. In addition, the electric front tiedowns have LEDs integrated .

Front static tie-downs



Rear adjustable tie-downs



Retractable tie-downs



### 2. Floor anchor

The way the tie-downs are anchored to the floor depends on the floor used and the level of flexibility required for positioning the wheelchair in the vehicle. Fixing can be: bolted, floor anchor or rail anchor.

Bolted



Floor anchor



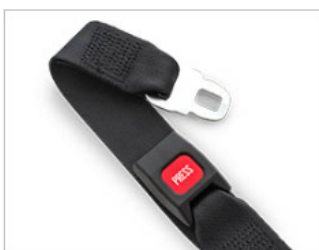
Rail anchor



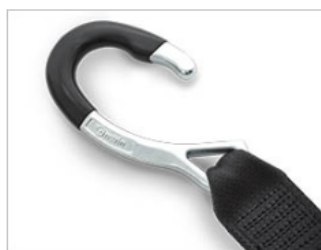
### 3. Wheelchair secure systems

The way the tie-downs are attached to the wheelchair depends on the type of wheelchair and whether or not the attachment is universal. You can use: buckle and tongue , hook or karabiner.

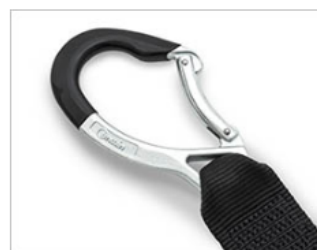
Buckle and tongue



Hook



Karabiner



## Belts for front and rear tie-down

### 1. Static belts for front tie-down

- can be anchored on: rail, floor or bolted
- red or black belt available with: buckle and tongue, hook or carabiner for easy operation
- extremely durable and easy to store securing device for the wheelchair



### 2. Adjustable belts for rear tie-down can be anchored on: rail, floor or bolted

- fully adjustable thanks to the simple buckle mechanism that can be easily tended for maximum safety
- available with carabiner, hook or buckle and tongue
- red or black belt
- An occupant restraint is required for the wheelchair occupant



Static/adjustable	belts for front tie-down.	Most common	references.
Ref.	Description	Anchorage	Fixing
RFH	Pair of static belts	Rail	Hook
SFH	Pair of static belts	Floor anchor	Hook
ROBH	Pair of adjustable belts	Rail	Hook
SOBH	Pair of adjustable belts	Floor anchor	Hook

## Retractable tie-downs for front/rear anchorage different models

### 1. Electric front tie-downs

- Available with 3m or 4m belt length
- Black belt with buckle and tongue, hook or carabiner
- Durable and eco-friendly LED for instant car lighting
- Can be switched on and off frequently without affecting LED life or light emission
- Electrically "locked" when slack is removed while in use
- Tested to guarantee a maximum weight of 100 kg
- Black and silver assembly
- 3 years warranty



## Retractable tie-downs for front/rear anchorage different models

	Electric tie-downs.	Most common	references.	
Ref.	Description	Lenght	Cover	Fixing
EF3CH	Pair of electric tie-downs	3m	Plastic	Hook
EF3H	Pair of electric tie-downs	3m	No	Hook
EF4CH	Pair of electric tie-downs	4m	Plastic	Hook
EF4H	Pair of electric tie-downs	4m	No	Hook

### 2. Mechanical Quattro tie-downs for front /rear anchorage

Very wide range of mechanical tie-downs with standard or automatic tensioning system. They can be bolted or with rail or floor anchorage.

#### **Quattro standard mechanical tie-downs.**

The standard retractable system has a manual tensioning mechanism to secure wheelchairs during transport.



#### **Quattro express mechanical tie-downs.**

Self-tensioning and self-retracting mechanism that quickly secures all wheelchairs.



	Mechanical tie-downs.	Most	common	references.
Ref.	Description	Anchorage	Cover	Fixing
SQPH	Pair of Quattro tie-downs	Floor	Plastic	Hook
SQMH	Pair of Quattro tie-downs	Floor	Metal	Hook
SQEPH	Pair of Quattro express tie-downs	Floor	Plastic	Hook
SQEMH	Pair of Quattro express tie-downs	Floor	Metal	Hook
RQPH	Pair of Quattro tie-downs	Rail	Plastic	Hook
RQMH	Pair of Quattro tie-downs	Rail	Metal	Hook
RQEPH	Pair of Quattro express tie-downs	Rail	Plastic	Hook
RQEMH	Pair of Quattro express tie-downs	Rail	Metal	Hook