



AANPASSINGSBEDRIJF
Bierman

USER MANUAL

LOW FLOOR & KNEELING SYSTEM

- Berlingo
- Caddy (Maxi)
- Citan
- Connect
- Kangoo
- Partner
- Primastar
- Trafic
- Transporter
- Class-V
- Vito
- Vivaro

BEFORE USE, READ THIS CAREFULLY!

- Do not place more than one wheelchair including one occupant in the back of the vehicle.
- The vehicle is appropriate for forward-facing wheelchairs only.
- WTORS (Wheelchair-Tiedown and Occupant-Restraint System) components, including anchorages, need to be replaced if they have been in use during an impact, from which the vehicle had to be towed.
- Auxiliary wheelchair equipment have to be effectively secured to the wheelchair or removed from the wheelchair and secured in the vehicle during transport, in order not to break free and cause injury to vehicle occupants in an impact.
- Items attached to the wheelchair in front of the wheelchair occupant, other than footrests, have to be removed whenever possible and secured separately during transportation, in order to reduce the potential of an injury to the wheelchair occupant and others in the vehicle.
- The WTORS placed in this vehicle conforms with ISO 10542-1/2

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HOW TO LOAD A WHEELCHAIR

1. PARKING

Always be sure to pull the handbrake when you are going to lower the ramp! When there is an automatic gearbox installed, be sure the gear handle is in "P".



Be sure that the free space at the rear of the car is at least 3 metres to open the ramp safely.



The ramp should rest on a flat surface, in other words make sure the car is parallel with the sidewalk. This provides that the ramp does not rest on the kerb when lowering it.



2. KNEELING SYSTEM

Before the kneeling system can be used, the tail gate has to be opened. **DO NOT LOWER THE RAMP YET!**



If the vehicle is equipped with a foldable ramp, first put the ramp vertically. Be sure that the ramp is locked with the two lockpins on the side of the ramp.



On the right rear side of the trunk, there is a button that activates the kneeling system. Push this button and hold it to lower the rear of the car. When the car is fully lowered the button can be released.



3. LOWERING THE RAMP

When the car is fully kneeled, the ramp can be lowered by pulling the red handle to the top.

Be aware that the ramp does not fall down when pulling the handle.

Therefore, stop it with one hand.

BE SURE THE RAMP LOAD DOES NOT EXCEED 300KG!

**Max.
300kg**



When the car is fully kneeled, the ramp can be lowered by pulling the handle to the top. Be aware that the ramp does not fall down when pulling the handle.

Therefore, stop it with one hand.

BE SURE THE RAMP LOAD DOES NOT EXCEED 300KG!

**Max.
300kg**



When the handle is pulled up, the ramp can be lowered. Mind that the ramp should rest on a flat surface. Otherwise it could bend when the wheelchair rides over it.



4. ELECTRIC BELTS

In the front of the low floor there are two electric belts that can be pulled out when the switch with the red label is switched on.



Pull the two belts out of the car (having the switch switched on) and attach these to the front side of the wheelchair. The belts have to be attached to the correct points which are marked at the front of the wheelchair. If the symbol on the right is not present, the belt has to be attached as high as possible, onto a vertical tube.



When the belts are attached to the front side of the wheelchair, switch off the seatbelts. When the wheelchair is pushed into the car, the belts will roll up automatically.



5. WHEELCHAIR POSITIONING

Hook the two retractors on the rear to the wheelchair by using the correct points.



The belts have to be attached to the points which are marked at the rear of the wheelchair. If these points are not present, the belt has to be attached as high as possible, onto a vertical tube.

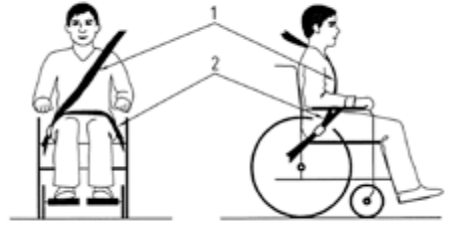


6. SAFETY FOR THE DISABLED PERSON

The vehicle is equipped with a 3-point safety belt for the wheelchair occupant. THIS BELT SHOULD ALWAYS BE FASTENED BEFORE DRIVING!

Key

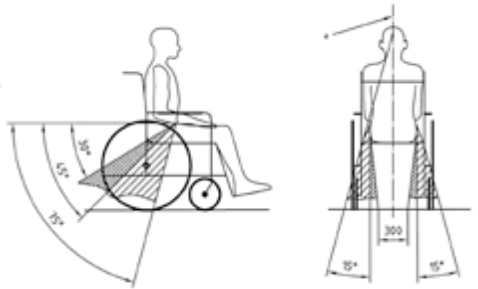
1. Diagonal shoulder restraint
2. Pelvic restraint



The belt is adjustable and has to be positioned according to the right angles showed in the picture below. RESTRAINTS SHOULD NOT BE HELD AWAY FROM THE BODY BY WHEELCHAIR COMPONENTS SUCH AS ARMRESTS OR WHEELS!

Key

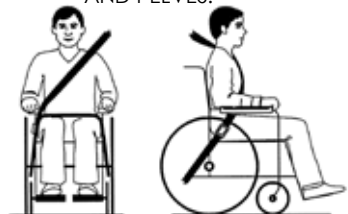
-  Preferred zone
-  Optional zone



RESTRAINTS SHOULD NOT BE HELD AWAY FROM THE BODY BY WHEELCHAIR COMPONENTS SUCH AS ARMRESTS OR WHEELS!



PELVIC RESTRAINTS SHOULD MAKE FULL CONTACT ACROSS THE FRONT OF THE BODY NEAR THE JUNCTION OF THE THIGH AND PELTS!



7. DRIVING AWAY

ALWAYS CHECK IF THE OCCUPANT
AND THE WHEELCHAIR ARE SECURED!



Close the tail gate. Be sure that the
ramp locks up on both sides!



Close the tailgate. When closing it,
the car automatically goes back to
its original driving position. In cold
situations (below 5°C) the gas springs
tend to get harder, therefore close
the tailgate gently in order not to
bend the gas springs.



Note: Some vehicles go to their
normal driving-position by switching
to acc. with the ignitionlock

**Mind that the handbrake has to be released before driving away!
Drive safely!**

HOW TO UNLOAD A WHEELCHAIR

1. PARKING

Always be sure to pull the handbrake when you are going to lower the ramp! When there is an automatic gearbox installed, be sure the gear handle is in "P".



Be sure that the free space at the rear of the car is at least 3 metres to open the ramp safely.



The ramp should rest on a flat surface, in other words make sure the car is parallel with the sidewalk. This provides that the ramp does not rest on the kerb when lowering it.



2. KNEELING SYSTEM

Before the kneeling system can be used, the tail gate has to be Opened. **DO NOT LOWER THE RAMP YET!**



If the vehicle is equipped with a foldable ramp, first put the ramp vertically. Be sure that the ramp is locked with the two lockpins on the side of the ramp.



On the right rear side of the trunk, there is a button that activates the kneeling system. Push this button and hold it to lower the rear of the car. When the car is fully lowered the button can be released..



3. LOWERING THE RAMP

When the car is fully kneeled, the ramp can be lowered by pulling the red handle to the top.

Be aware that the ramp does not fall down when pulling the handle.

Therefore, stop it with one hand.

BE SURE THE RAMP LOAD DOES NOT EXCEED 300KG!



When the car is fully kneeled, the ramp can be lowered by pulling the handle to the top. Be aware that the ramp does not fall down when pulling the handle. Therefore, stop it with one hand.

BE SURE THE RAMP LOAD DOES NOT EXCEED 300KG!



When the handle is pulled up, the ramp can be lowered. Mind that the ramp should rest on a flat surface. Otherwise it could bend when the wheelchair rides over it.

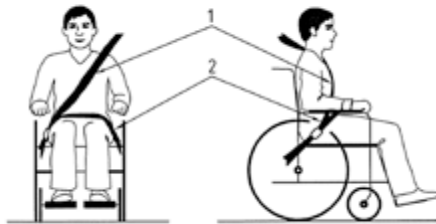


4. SAFETY BELTS

Detach the safety belt that is holding the occupant in place.

Key

- 1. Diagonal shoulder restraint
- 2. Pelvic restraint



5. WHEELCHAIR RESTRAINT SYSTEM

Detach the two belts on the rear of the wheelchair.



Disconnect the two retractors from the floor and place them in a safe place in the car.



6. ELECTRIC BELTS

Switch on the switch



Pull the wheelchair out of the car (having the switch switched on) and detach the two belts on the front side of the wheelchair.



When the belts are detached on the front side of the wheelchair, the belts will roll up automatically.



7. DRIVING AWAY

Close the tail gate. Be sure that the ramp locks up on both sides!



When having a foldable ramp, unlock the ramp with the two lockpins and be sure you fold the ramp carefully!



Push the handle down to fold the ramp.



Close the tailgate. When closing it, the car automatically goes back to its original driving position. In cold situations (below 5°C) the gassprings tend to get harder, therefore close the tailgate gently in order not to bend the gassprings.



**Mind that the handbrake has to be released before driving away!
Drive safely!**



Bierman B.V.

Pesetaweg 16
2153 PJ Nieuw-Vennep
The Netherlands

T: +31 (0)252 210611

E: info@bierman.eu