

VOLAR 10

SELF PROPELLED & TRANSIT USER MANUAL



PRODUCT CODES:
WC01010022 | WC02010015

10 YEAR
FRAME WARRANTY

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1. INTRODUCTION

Dear Customer,

Congratulations on purchasing your Volar10 Wheelchair. This product has been carefully designed to provide you with maximum comfort whilst increasing independence in your daily life.

Your Volar10 wheelchair is foldable, includes detachable components for quick assembly and disassembly, and is equipped with ergonomic hand rims making it easier to propel yourself.

READ BEFORE USE:

Before you begin using your wheelchair, please ensure you, and any persons that may assist you in its use, take the time to read, understand and follow the instructions given within this manual carefully. We recommend that you keep this user manual in a safe place for future reference.

Please note: We are continuously improving the quality and reliability of our products and therefore reserve the right to amend this user manual without notice.

If you have any questions about wheelchair use, maintenance, or safety, please contact CareCo:

CareCo (UK) Limited, 1 Turing Court,
Great Notley, Braintree , CM77 7AT,

Tel: 0333 015 5000
www.CareCo.co.uk

Thank you for choosing CareCo.

ATTENTION!

In this user manual you will find warnings and suggestions. These can be clearly identified by the following symbols.



WARNING!

The warnings mentioned in this user manual must be followed at all times to avoid damage to the wheelchair as well as personal injury.



Suggestion

The suggestions provided in this user manual contain helpful information and advice for getting the most out of your wheelchair.

2. SAFETY REGULATIONS

The construction of this wheelchair has been developed to provide maximum safety. Failure to follow instructions within this user manual may result in damage to the wheelchair or injury to the user.

When used correctly, this wheelchair is a safe and stable product. CareCo is not responsible for personal injury or property damage resulting from failure to comply with any laws or ordinances.

Unauthorised modification or use of parts not supplied by CareCo may void the warranty, damage the wheelchair, or cause injury to the user.

The level of resistance to ignition on upholstered parts of this product have been tested in accordance with the horizontal test as detailed in EN 16840-10:2021 and passed.

2.1 GENERAL SAFETY GUIDELINES

It is recommended to perform regular inspections, correct adjustments, and prompt replacements of defective or worn parts. Checking your wheelchair regularly will protect and increase its durability.




WARNING!

- Dangerous situations can occur when a part of your wheelchair malfunctions. To guarantee safe use, ensure your wheelchair is in good working condition by checking it regularly.
- This product is not for the intended use of the visually impaired. Should a user be visually impaired, please ensure that an attendant is present to read and understand all of these instructions fully and present at all times during use of the product
- This product has been manufactured for the use of anyone who has limited mobility and would like to maintain the ability to get around both indoors and outdoors. The transit option of this product is designed for an attendant to assist with the transportation of a user. The self-propelled can be used by the user on their own, without the assistance of another individual.
- Please refer to the Product Specifications table on page 15 to confirm maximum occupant mass details.

2.2 WARNINGS FOR SAFE USE



WARNING!

- When using the product for the first time, it is recommended to practice using the wheelchair on a flat surface.
- Do not exceed the maximum user weight indicated on the frame label.
- Do not stand on the wheelchair or the footrests at any time.
- Place the wheelchair on a stable, level surface before getting in and out of the wheelchair.
- Ensure the wheelchair castors face forward before getting in and out of the wheelchair.
- Apply the brakes when using the wheelchair in an elevator, wheelchair lift and when getting in and out of the wheelchair.
- Do not lean over or reach out of the wheelchair as this may cause instability.
- Do not ascend or descend gradients greater than 10 degrees without assistance from an attendant.
- When ascending/descending stairs, ensure the attendant holds on to secured parts only.
- Potholes and unevenness in the ground can cause the wheelchair to tip over
- Ensure tyres have sufficient tread
- If the wheelchair is exposed to direct sunlight/ cold temperature for a long time, the wheelchair parts can become hot or cold.
- Avoid travelling on roads and use pavements whenever possible.
- Do not use the wheelchair if any of the parts or elements of the wheelchair are not functioning correctly or are damaged.
- This wheelchair is not suitable as a seat in a motor vehicle. 
- A sudden change of direction may cause the wheelchair to tip over
- Do not attach anything to the wheels. This can damage the wheelchair, affect the balance of the wheelchair and cause injury to the user.
- Take notice of the maximum weight capacity (refer to product specification)
- When transporting the wheelchair, it is recommended to use a certified fastening system suitable for the situation.
- Do not let more than one person use the wheelchair at the same time.
- Surface temperatures can increase when the wheelchair is exposed to external sources of heat (e.g. sunlight)

3. PRODUCT COMPONENTS

Your wheelchair is equipped with various parts and components. Before proceeding with this user manual, you should familiarise yourself with the various elements that make up your wheelchair.

1. Push Handle
2. Half-Folding Back Mechanism
3. Attendant Brake (Self Propelled & Transit)
4. Armrest
5. Brake (Self Propelled)
6. Leg Rest
7. Rear Wheel (Self Propelled)
8. Rear Wheel (Transit)
9. Front Castor
10. Footplate



Please note: Designs and specifications are subject to change without prior notice.

4. USER INSTRUCTIONS

4.1 GETTING IN AND OUT OF THE WHEELCHAIR

Getting into your wheelchair:

Before getting into the wheelchair, ensure the following points are met.

- The brakes are applied
- The footplates are folded sideways
- The wheelchair is on a flat surface
- The castors are facing forwards

Support your body by using the armrests, before lowering into the wheelchair.



Suggestion

Ensure you are as close to the wheelchair as possible before transferring to the wheelchair.

Getting out of your wheelchair:

Before getting out of the wheelchair, ensure the following points are met.

- The brakes are applied
- The footplates are folded sideways
- The wheelchair is on a flat surface
- The castors are facing forwards

Support your body by using the armrests. Place your feet on the ground before pushing upwards to leave the wheelchair.



Suggestion

Bring your body weight towards the front of the seat when leaving the wheelchair.



WARNING!

Do not stand on the footplates of the wheelchair. Doing so may cause the wheelchair to tip.

4.2 BENDING OR REACHING

To reach an object while sitting in your wheelchair, get as close to the object as possible, make sure the front castors are facing forward and the brakes are applied to prevent you from falling out of your wheelchair

4.3 GRADIENTS & THRESHOLDS

Ascending Gradients & Thresholds

Tilt your upper body forward when going up gradients & thresholds.

Descending Gradients & Thresholds

Tilt your upper body back when going down gradients & thresholds.

If required, ask for assistance from an attendant when ascending & descending thresholds.



WARNING!

- Do not go up or down slopes diagonally.
- Potholes and unevenness in the ground can cause the wheelchair to tip over, especially when going up and down slopes.

4.4 ASCENDING AND DESCENDING STAIRS

Ascending and descending stairs should only be completed with the help of an attendant



Suggestion

Use ramps and lifts whenever possible.

5. OPERATING THE WHEELCHAIR

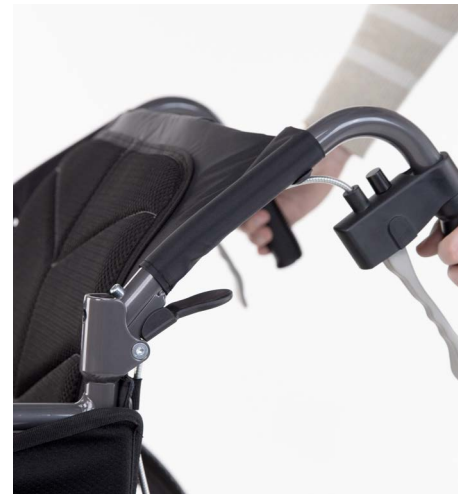
5.1 FOLDING AND UNFOLDING THE WHEELCHAIR

Unfolding

To unfold the wheelchair, press the seat tubes on both sides of the seat cover to open the wheelchair. Push the seat tubes as far as they will go to ensure the chair is properly unfolded.

Fold down the footrests down.

Flip the backrest up until you hear the half folding back mechanism click into place.



Folding

Press on the half-folding back mechanism to fold the backrest down.

Fold up the footrests.

Hold the front and rear of the seat canvas pulling upwards so the wheelchair begins to fold.

Push the armrests on either side to fully fold the wheelchair.





WARNING!

Take care of trapping hazards or pinch points when adjusting any settings or folding and unfolding the product

5.2 LEG RESTS

Folding / unfolding the footplate

- Lift upwards on the footplate to fold it away.
- Press downwards on the footplate to fold it down.

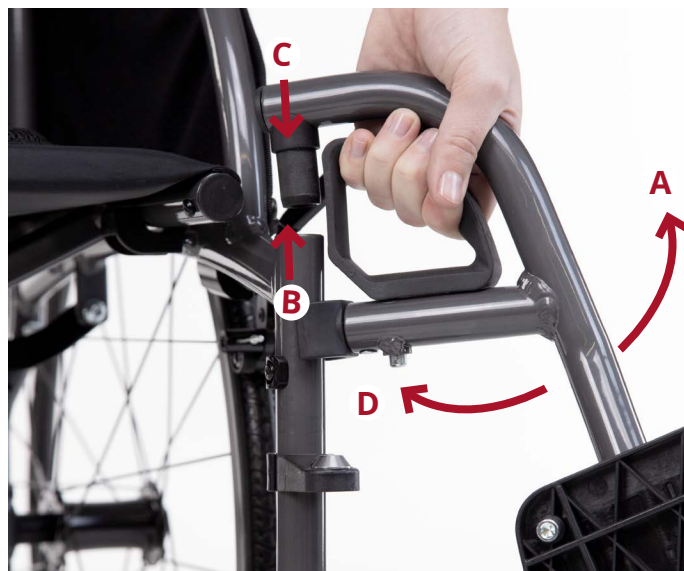


Removing the leg rests

- Lift the black lever upwards to release the leg rest as shown below.
- Rotate the leg rest 90 degrees away from the wheelchair (A).
- Remove the leg rest by lifting at the frame connection point as shown (B).

Attaching the leg rests

- Place the leg rest onto the frame connection point at a 90 degree angle as shown (C).
- Rotate the leg rest inwards (D) until securely in place. An audible “click” will confirm the legrest is locked into position.



5.3 ADJUSTING THE FOOTREST HEIGHT

To adjust the height of the footplate, remove the leg rest and use an Allen key to adjust the height from one of five height adjustment holes.



Suggestion

Raise the footplates before getting in and out of the wheelchair.



WARNING!

Ensure both legrests are securely attached to the wheelchair to avoid injury to the user.

5.4 SELF PROPELLED HAND RIMS

The hand rims have been ergonomically designed to improve the users grip. This design makes propelling yourself forward more comfortable and safer.



WARNING!

Do not use the push handles to lift the full weight of the wheelchair.

5.6 SELF PROPELLED HAND BRAKE

The wheelchair is equipped with a left and right hand brake.

To apply the hand brake, push the brake lever forwards.

To release the hand brake, pull the brake lever backwards..



Suggestion

Only use the hand brake when the wheelchair is stationary.



WARNING!

Usage of the handbrake whilst the wheelchair is moving may cause injury to the user.

5.7 SELF PROPELLED & TRANSIT ATTENDANT BRAKE

The wheelchair is equipped with a left and right attendant brake.



To apply the attendant brake, squeeze the brake handle.



To release the attendant brake, let go of the brake handle.



The attendant brake can be locked using the lower lever to prevent the wheelchair from rolling.



Suggestion

Operate the two brakes simultaneously to ensure directional control.



WARNING!

- Worn tyres and poorly adjusted brakes can reduce braking power.
- The handbrakes must always be engaged during short or long stops.

5.8 QUICK RELEASE WHEELS (SELF PROPELLED)

The Self-Propelled version of the wheelchair is equipped with quick-release rear wheels.

Removing the Quick-Release Rear Wheels

To remove the rear wheels from the frame, press the button in the middle of the wheel and pull away from the wheelchair frame as shown.

Attaching the Quick-Release Rear Wheels

To attach the rear wheels, insert the quick release axle into the axle sleeve on the frame. Push the wheel towards the frame until secured.



6. PRODUCT SPECIFICATIONS

6.1 SELF PROPELLED

WC01010022	.17	.19
Seat Width	17"	19"
Height (mm)	935	935
Length (mm)	1050	1050
Width (mm)	640	665
Folded Height (mm)	940	940
Folded Length (mm)	1050	1050
Folded Width (mm)	290	290
Seat Height (mm)	520	520
Seat Width (mm)	17"	19"
Seat Depth (mm)	400	400
Backrest Height (mm)	410	410
Armrest Height (Adjustable)	680	680
Front Wheel Size	7"	7"
Rear Wheel Size	24"	24"
Outer Carton Size (mm)	840x320x780	840x320x850
Maximum User Weight (kg)	120	120
Frame Material	Aluminium	Aluminium
Wheel Material	PU Tyre	PU Tyre
Handle Material	Black PU	Black PU
Half Folding Back	Yes	Yes
Quick Release Wheels	Yes	Yes
Tyre Type	Solid Tyre	Solid Tyre
Max slope for parking brakes	7°	7°
Pivot Width (mm)	950	950
Total Weight (kg)	9.6	10
Carry Weight (kg)	6.9	7.3
Cushion Weight (kg)	0.8	1
Legrests Weight (kg)	1.1	1.1
Rear wheels Weight (kg)	1.6	1.6

6.2 TRANSIT

WC02010015	.17	.19
Seat Width	17"	19"
Height (mm)	935	935
Length (mm)	1030	1030
Width (mm)	570	595
Folded Height (mm)	940	940
Folded Length (mm)	1030	1030
Folded Width (mm)	260	260
Seat Height (mm)	505	505
Seat Width (mm)	17"	19"
Seat Depth (mm)	400	400
Backrest Height (mm)	410	410
Armrest Height (Adjustable)	680	680
Front Wheel Size	6"	6"
Rear Wheel Size	14"	14"
Outer Carton Size (mm)	790x300x780	790x300x850
Maximum User Weight (kg)	120	120
Frame Material	Aluminium	Aluminium
Wheel Material	PU Tyre	PU Tyre
Handle Material	Black PU	Black PU
Half Folding Back	Yes	Yes
Quick Release Wheels	No	No
Tyre Type	Solid Tyre	Solid Tyre
Max slope for parking brakes	7°	7°
Pivot Width (mm)	880	880
Total Weight (kg)	8.2	8.6
Carry Weight (kg)	6.4	6.8
Cushion Weight (kg)	0.8	1
Legrests Weight (kg)	1.1	1.1
Rear wheels Weight (kg)	0.7	0.7

7. CARE AND MAINTENANCE

There are many things the user can do to keep the wheelchair in optimal condition. By regularly checking the wheelchair and performing simple maintenance, the user can extend the life of the wheelchair and make it more comfortable to use.

Preventative maintenance is very important. Most of this can easily be done by the user or the attendant. Below are maintenance tasks that the user can complete:

- Checking tyre pressure (if applicable)
- Checking tyre tread
- Checking upholstery for wear
- Checking brakes
- Checking nuts, bolts & screws are tightened correctly – tighten if necessary
- Checking wheels move freely
- Checking removable parts are securely fastened

7.1 CLEANING & HYGIENE

The user / attendant should clean the wheelchair on a regular basis.

The upholstery, chassis and plastic parts can be cleaned with mild soap and water.

Avoid using abrasive cleaners as this can damage the wheelchair.

The user / attendant should dry the wheelchair after cleaning and after going out in bad weather.

PLEASE NOTE: The expected life of the product is 5 years.

7.2 TROUBLESHOOTING

Problems that could occur when using the wheelchair are listed below. If the user experiences an issue not listed, please contact CareCo

The wheelchair is pulling to one side

- Ensure wheels have same tyre pressure (if applicable)
- Ensure wheels turn freely
- Ensure front castors are at the correct angle
- Ensure both front castors are contacting the ground

The front castors are wobbly

- Ensure front castors are at the correct angle
- Ensure all bolts are securely fastened
- Ensure both front castors are contacting the ground

The wheelchair makes unusual noises

- Ensure all bolts are securely fastened
- Ensure moving parts are lubricated and move freely

The wheelchair is unstable

- Ensure wheels have same tyre pressure (if applicable)
- Ensure front castors are at the correct angle
- Ensure both front castors are contacting the ground
- Ensure rear wheels are contacting the ground

8. WARRANTY

If a component requires repair or replacement due to a specific manufacturing or material defect within its warranty period, it will be repaired or replaced free of charge by CareCo.



- **10 year frame warranty**
- DURABLE PARTS: 1-YEAR LIMITED WARRANTY

Consumables are not covered under normal warranty circumstances unless they have clearly suffered excessive wear or damage as a direct result of a manufacturing defect. These items include upholstery, tyres, inner tubes, and other similar parts.

The guarantee for the wheelchair is not transferable.

Parts that have been previously replaced that require subsequent repair or replacement due to manufacturing defects will be honoured for the remainder of the wheelchair's warranty period.

Parts that have been purchased by the end user after the original warranty period has expired have a warranty period of 12 months.

CareCo is not responsible if the wheelchair requires repair or replacement as a direct result of:

- Changes or modifications made to the product that fall outside of the manufacturer's specifications
- The product not being serviced or maintained according to the manufacturer's recommendations contained in this user manual.
- Negligence, Accidental Damage, and Improper use
- Repairs attempted before CareCo have been notified
- Lack of maintenance
- The product being purposely damaged or mistreated

In the unlikely event that this product is needed to be recalled, we will contact you to make you aware therefore, please ensure that we have your up to date contact information.

9. IDENTIFICATION

The identification sticker can be found underneath the wheelchair.

10. WHEELCHAIR RECYCLING & DISPOSAL

Disposal or recycling of the wheelchair should be completed through an approved distributor or disposal facility. (Local disposal & recycling regulations may apply)

Alternatively, contact CareCo for advice on disposal.

Materials:

Wheelchair Packaging:

Cardboard Box, Low-Density polyethylene bag

Wheelchair Upholstery:

Expanded combustion modified foam, Polyester including PVC coating

Plastic:

Arm Pads, Castor Wheels, Forks, Footplates, Hand Grips, Transit Wheels,
Tube Plugs, Tyres

Aluminium:

Armrests, Frame, Leg Rests, Push Handles, Self-Propelled Wheels

Steel:

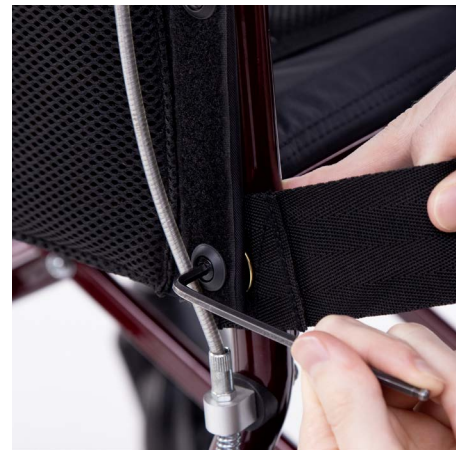
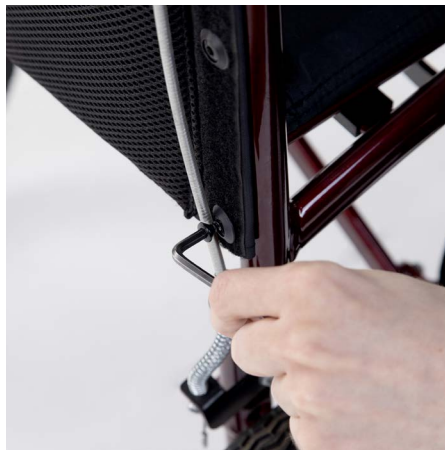
Bearings, Fasteners, Quick Release Axle

11. OPTIONAL EXTRAS

11.1 ATTACHING A SEAT BELT

How to attach a seat belt:

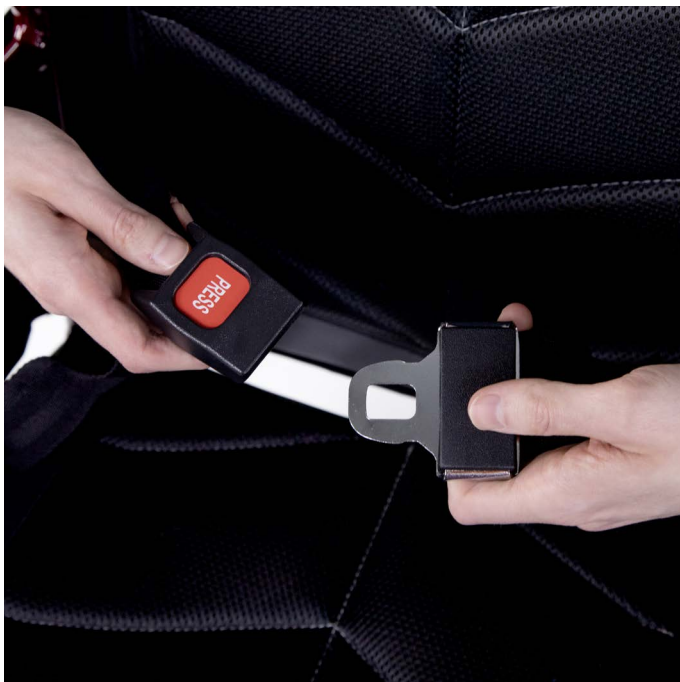
1. Remove the side panel rear Velcro.
2. Use a hex wrench to remove the lower backrest canvas retaining bolt.
3. Insert the seat belt eyelet between the backrest canvas and the frame.
4. Reinstall the lower backrest canvas retaining bolt using a hex wrench.
5. Reattach the side panel rear Velcro.
6. Repeat on the other side.



11.2 USING A SEAT BELT

How to fasten the seat belt:

Firmly insert the male buckle into the female buckle



How to release the seat belt:

Press the exposed side of the female buckle and push toward the centre while separating the male and female buckles



No more than the palm of the hand should be able to be inserted between the seat belt and the user.



Suggestion

Regularly check the fitment of the seat belt and adjust if required.

NOTES

VOLAR 10



CareCo (UK) Limited, 1 Turing Court,
Great Notley, Braintree, CM77 7AT, England



Self-propelled Wheelchair
Transit Wheelchair



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