

Deluxe Aluminium Folding Wheelchair



VA174 18" Attendant Propelled
VA174A 20" Attendant Propelled

Assembly and Operating Instructions

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Aidapt Bathrooms Limited
Lancots Lane
Sutton Oak
St Helens
Merseyside WA9 3EX UK





This user manual contains essential information in relation to safe use and should be retained with the wheelchair for reference

READ BEFORE USE

Before using your new Wheelchair, you and each person that may assist you in its use should take time to read this manual and follow all instructions.

INTRODUCTION

Thank you for purchasing your wheelchair from Aidapt. This model has been designed to help you gain independence and meet your particular requirements. Throughout the manufacturing process, great care has been taken; the components have been selected by quality and inspections carried out to ensure you get full satisfaction from our product.

PLEASE NOTE:

Your Wheelchair has a unique identification serial number. This is located on the main cross brace below the seat canvas and should be used in all correspondence.

Write your serial number here for future reference:



This model is intended for assistance pushing use only and not for wheeling by the person sitting in the Wheelchair.

MAXIMUM LOAD (this includes the user and any baggage, under no circumstances should this be exceeded)

VA174 18 " wheelchair maximum load 115kg

VA174A 21" wheelchair maximum load 135kg

Before each use please take the time to check your Wheelchair for any loose parts.

Any modification to this product without the express permission from Aidapt will invalidate your guarantee.



SAFETY SUMMARY

The following recommendations are made for the safe use of the wheelchair.

NOTE: Do not use this equipment without first reading and understanding this instruction manual.

The helper should not place all of their weight on the handles by lifting their feet off the floor as this will place adverse strain on the handles.

If you cannot understand the instructions, please contact Aidapt, a Healthcare Professional or a Dealer before using this equipment.



- Before using this product, care must be taken to ensure that fittings are secure, the castors/wheels are in good working order, the wheelchair is properly balanced and all wheels must be in contact with the floor at all times during use.
- Your wheelchair is supplied with a safety belt, this must be used at all times.
- For safe operation, the following points must be remembered:
 - i. Always observe the limits regarding reaching objects, leaning back, tilting and use of manual brakes, tyres and weights limits.
 - ii. The footplates are designed only to support the feet while in the seated position. **DO NOT STAND ON THE FOOT PLATES.**
 - iii. **DO NOT USE YOUR WHEELCHAIR AS A TRANSPORT SEAT IN A VEHICLE.**
 - iv. The upholstery meets current flammability requirements. Care should be exercised near open flames or burning cigarettes.
- **WARNING:** Surface areas of your Wheelchair can get hot when the wheelchair is exposed to external sources of heat (eg. sunlight). Please now refer to the section on Assembly and use.

Assembly

The VA174 and VA174A are despatched fully assembled in their folded position. See folding and unfolding instruction on pages 4 and 5.



Do not attempt to use the chair if any part is not functioning as per the instructions in this guide or any part is found to be damaged or missing.

Please contact your supplier immediately for support.



Folding and Unfolding

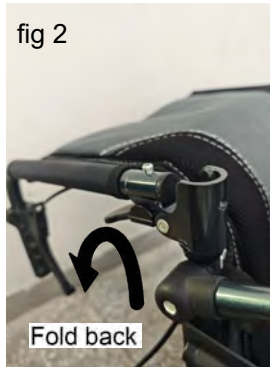


When opening and closing your Wheelchair please keep fingers well away from any possible entrapment areas.

Folding

1. Fold the backrest

To fold the backrest, press the thumb levers on each side of the chair to release the pins from the frame (fig 1) and fold the backrest (fig 2).



2. Fold the footrests

To fold the footrests, fold up the footplate (fig 3a) and pull the footrest tube from the bracket folding it up. (fig 3b) Repeat on the other side.



3. Fold the wheelchair

To fold the wheelchair, take a secure grip in the middle of the front and the rear of the seat (fig 5) and pull up, folding the frame together on both sides.



fig 5

Unfolding

1. Unfold the wheelchair

To unfold the wheelchair, hold the armrests and pull the chair open. Push down on the seat (fig 6) to secure the chair in its unfolded position.

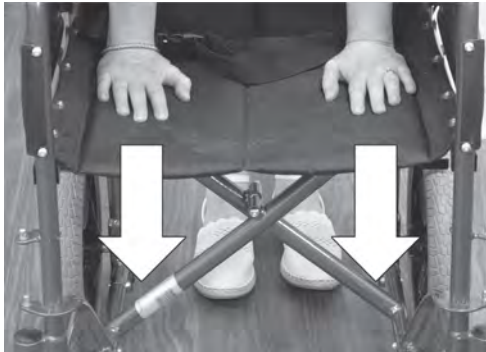


fig 6

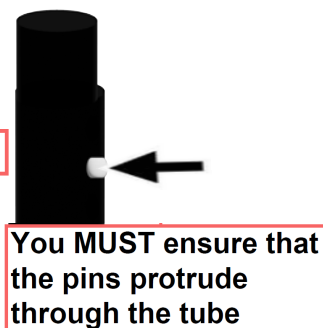
2. Unfold the footrests

To unfold the footrests, pull the footrest tube down securing it into the bracket (fig 7a) and fold down the footplate (fig 7b). Repeat on the other side.



3. Unfold the backrest

To unfold the backrest, lift the backrest into position (fig 3) until the pins on both sides of the chair pass through the fixed hole in the tube (fig 4).



Pull back on the handles to ensure that the backrest is securely locked into place before use.

BRAKE OPERATION

Parking Brakes (Occupant)

See fig 8 which shows the wheelchair with the parking brake not applied. To apply the parking brake push the handle forward until it 'clicks' and this will apply the brake.

fig 8



Attendant Brakes

These are located on the handles and have a 2 click system. See fig 9. To slow the wheelchair pull the brake lever. By pulling harder the brake lever will 'click' which means the parking brake has been applied. To release the brakes (from either the 1 click or 2 click position) then press the red release handle.

fig 9



The attendant must always ensure that the parking brake is effectively applied prior to leaving the wheelchair.

BRAKE ADJUSTMENT

The brakes may need to be adjusted periodically. We would recommend that this is done by a competent person

Tools

10mm wrench
Phillips screwdriver.

1. Cable Tension Adjustment

Find the adjuster nut (on armrest brake lever)

Loosen lock nut (clockwise)

Tighten: Turn adjuster nut counterclockwise → test brake lock.

Loosen: Turn adjuster nut clockwise → test wheel spin. Retighten lock nut.

2. Pad Alignment

Loosen pad screw (rear brake assembly). Align pad parallel to wheel rim (1-2mm gap). Tighten screw.

3. Checks

Lock brake: Ensure wheelchair stays still. Unlock: Ensure wheels spin freely. Adjust both brakes for balance.



Safe Use



The centre of balance is affected by a change in posture body position or weight distribution.



The wheelchair is supplied with a safety belt which must be used at all times.

Many activities require the wheelchair owner to reach, bend and transfer into and out of the wheelchair. These movements will cause a change to normal balance, centre of gravity and weight distribution of the wheelchair.

The design of your wheelchair enables it to remain stable for normal everyday usage if used correctly in accordance with the recommendations in this manual.

1. Reaching/bending forward

Move the wheelchair as close as possible to the object you wish to reach. Position the front castors so that they are extended as far forward as possible. Fully engage the wheel locks on the rear wheels. Only reach out to take what is within arm's length in normal sitting position. Only the arms should extend beyond the seat of the wheelchair.

2. Reaching/bending backwards

Move the wheelchair as close as possible to the object you wish to reach. Reach back only as far as your arm will extend without changing your seating position. Do not lean over the top of the back upholstery as this could change your centre of gravity and may cause you to tip over.

3. Reaching/leaning sideways

Move the wheelchair as close as possible to the object you wish to reach. Rotate the front castors to a line in the direction you will be reaching. Fully engage the wheel locks on the rear wheels. Do not shift your weight or sitting position towards the object you are reaching as it may cause the wheelchair to tip over.

4. Transferring

Before attempting to transfer in and out of the wheelchair, every precaution should be taken to ensure the gap between the two seats is as small as possible. Be certain that the wheel locks are on to prevent the wheels moving. Turn both castors in the direction of the seat to which you wish to move. Lift up the footplates. Do not stand on the footplates. It is imperative that the actual transfer procedure be supervised by a certified health care professional until the wheelchair owner is familiar with the procedure.

5. Negotiating Obstacles

5.1 Approach the obstacle (kerb etc.) front on

The wheelchair should be tilted by the helper until the front castors have passed over the kerbs. The helper must apply downward pressure with their foot to the tip bar (see fig. 11 & 12). The chair should never be tilted by the handles only as this will put adverse strain on the handles. Move the wheelchair forward until the rear wheels touch the kerb and gently lower the front castors over the pavement. Push the chair until the rear wheels have mounted the kerb. The wheelchair should not be lifted by the handles alone. **This wheelchair is not designed to negotiate high curbs, users should always choose the lowest kerb height to ensure safe operation..**

5.2 Upward and Downward slopes

Always go straight up and down slopes to avoid the possibility of the wheelchair overturning. Avoid steep slopes, which may cause instability.



fig 11

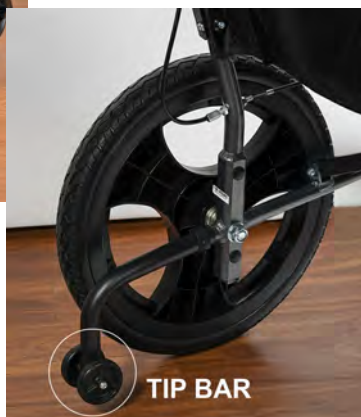


fig 12

1. Backrest

The adjustable backrest can be folded down for storage. Locking pins should be periodically checked to ensure that they are secure.

2. Handles

The handles are designed for the helper to propel the wheelchair. They must not be used solely for lifting the wheelchair over obstructions or kerbs. Downward pressure must be applied to the tip bar at the same time to prevent adverse strain on the handles (see negotiating obstacles) (see fig. 11& 12)

The helper must not place all of their weight on the handles by lifting their feet off the floor as this will place adverse strain on the handles.

3. Armrest

Pads are fixed onto the armrest for comfort and can be replaced as spare parts.

4. Seat Upholstery

Periodically check the upholstery for signs of tears or sagging. Replace immediately if the seat is damaged. Remember: the seat upholstery is the primary weight – supporting material.

5. Footplates

The footplates are intended as a foot support only when you are sitting in the wheelchair. On no account should you stand on the footplates. The calf straps is supplied for comfort. The footplate assemblies can be folded up when a person is manoeuvring from the chair or for storage and transporting.

6. Castor and bearing

The wheels have solid puncture proof tyres. These should be checked at regular intervals to monitor any wear. Wheelchairs become difficult to steer and propel when surfaces have worn flat. It is recommended that both tyres are replaced at the same time to avoid one side of the wheelchair from being higher than the other.

7. Wheel brakes

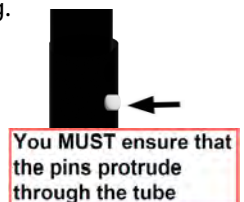
These are used to hold the wheelchair in a stationary position, and are fitted on either side of the wheelchair. They should not be used when the wheelchair is moving or to slow it down. They should always be applied together.

8. Cross Bar

Operation of the cross brace permits the wheelchair to be opened and closed easily. It should be inspected at regular intervals for signs of wear and bending.

9. Folding Backrest Device

Push down the hinge to fold down the backrest. Automatically lock when you pull up the backrest handle ensuring the pins have passed through the frame. This device is to enhance the storage feature.



ROUTINE CHECKS AND MAINTENANCE

1. Upholstery

Upholstery should be routinely cleaned with a mild soap and water solution. Never use paint remover or thinners on upholstery.

2. Metal Parts

Clean all metal parts with a wax compound such as car wash to maintain finish. Do not use any obtrusive cleanser that will scratch the finish on the chair.

3. Cross Brace

Periodically lubricate the centre bolt on the cross brace with light machine oil.

4. Tyres and Wheels

Examine tyres regularly for wear and replace as necessary. Solid tyres should be replaced when they become loose on the rim or cracks appear which expose the mounting wire groove. For pneumatic tyres, check tyre pressure is even and correct. Check that the wheels run freely and that quick release axles are correctly locked. If your wheelchair is fitted with pneumatic tires and you have a puncture please take your wheelchair to the nearest dealer or bicycle repair center

5. Castors

Check periodically that the bolt and nut securing the wheel to the castor fork is tight and allows a snug but free spinning fit.

6. Brakes

Regularly check for effective operation and there is no wear or signs of play.

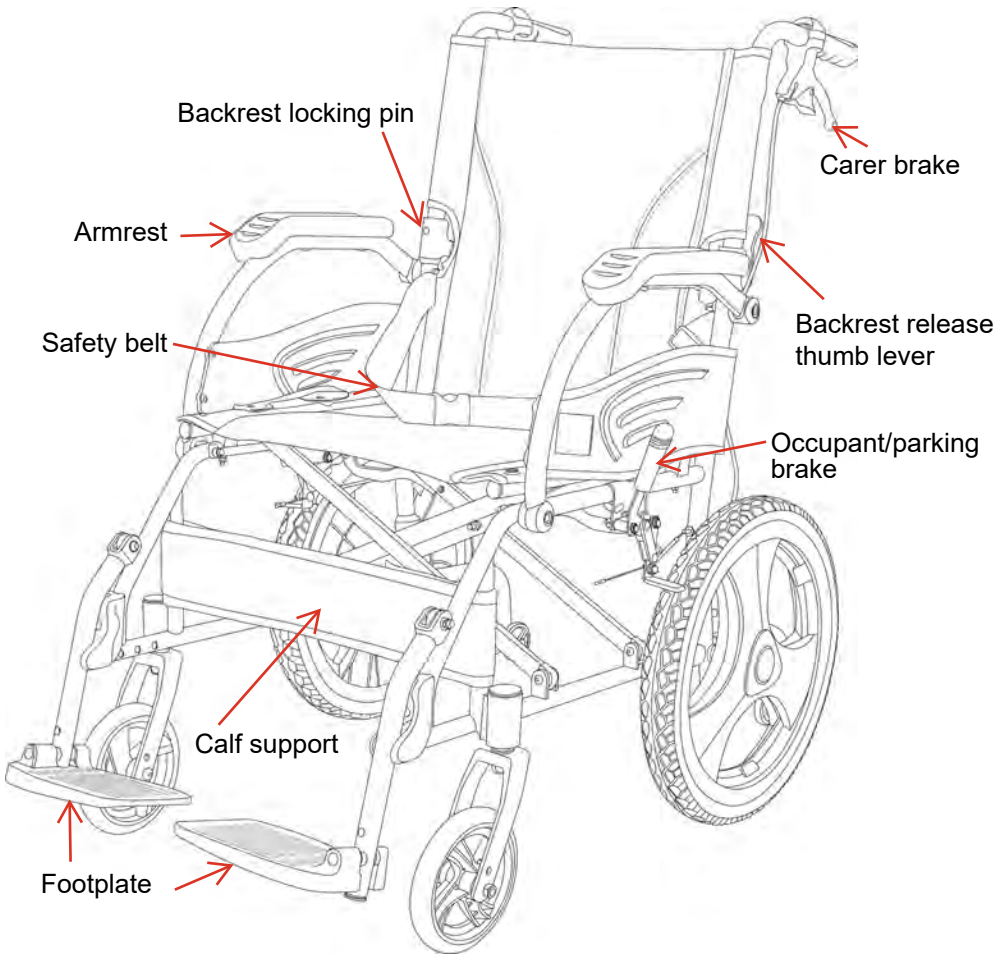
7. General

Always check before use that the wheelchair folds and unfolds correctly and that movement both backwards and forwards is in a straight line.

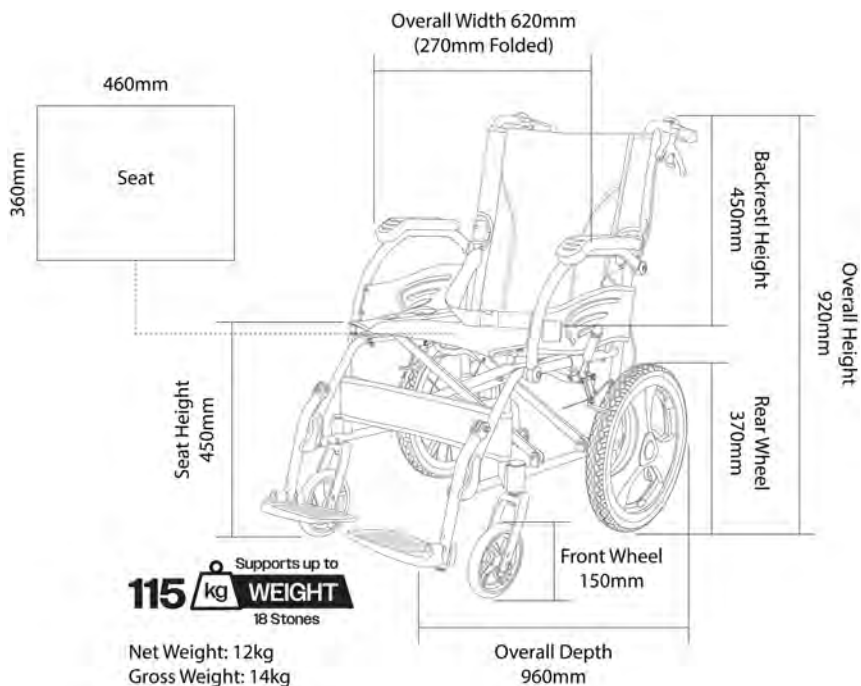
8. Servicing

We recommend your wheelchair is fully serviced by a competent person every twelve months.

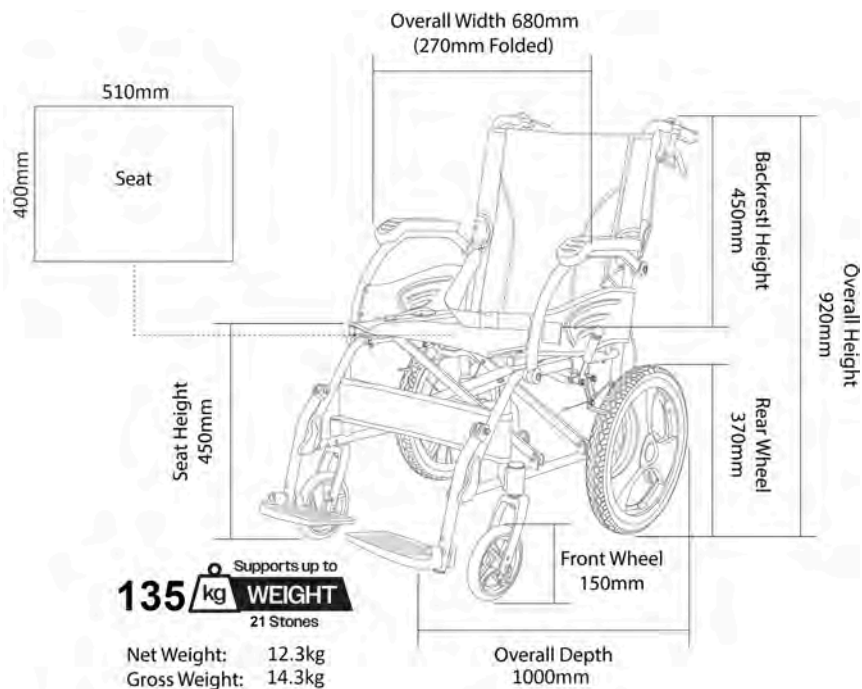
SPECIFICATIONS



VA174 18" Wheelchair



VA174A 21" Wheelchair



GUARANTEE

This product is warranted to be free of defects in materials and workmanship for a period of 12 months.

The warranty is subject to the following conditions:

1. If any defect or fault is discovered, the supplier and/or Aidapt should be notified immediately.
2. Aidapt will not be responsible for damage caused by misuse, natural wear and tear, defective assembly or installation by the purchaser or their agent, defective treatments, unauthorised alteration to the equipment or use of unsuitable spares.
3. The buyer's statutory rights under the Consumer Protection Act are not affected.



Aidapt Bathrooms Limited
Lancots Lane
Sutton Oak
St Helens
Merseyside WA9 3EX UK



0044 (0)1744 745020



sales@aidapt.co.uk



www.aidapt.co.uk

European Authorised Representative

This wheelchair has been placed on the EU market by:



Aidapt BV
Algolweg 22 3821BH
Amersfoort
Netherlands



nederland@aidapt.eu

Compliance Marking

