



## **Deluxe Self Propelled Steel Transit Chair**



**VA166BLACK/BLUE/HAM/PINK/RED**  
**SGLY00100818A**

### **Assembly and Operating Instructions**

This is not a medical device.

This file is available to view and download as a PDF at [www.aidapt.co.uk](http://www.aidapt.co.uk). Sight impaired customers can use a free PDF Reader (such as [adobe.com/reader](http://adobe.com/reader)) to zoom in and increase the text size for improved readability.

## **READ BEFORE USE**

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

### **PLEASE NOTE:**

Your transit chair 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:

Model VA166 can be wheeled by the person sitting in the chair and has pram handles for assistance pushing.

***The maximum user weight is 115 kg; under no circumstances should this be exceeded***

Before each use please take the time to check your chair 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 assemble or 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.***

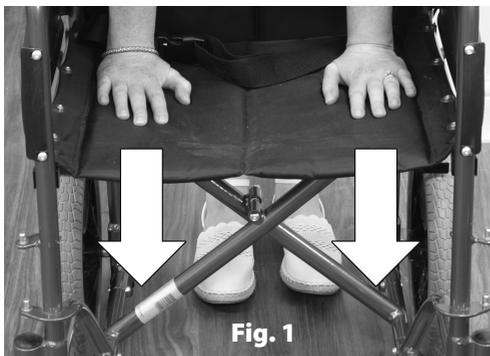
If you cannot understand the instructions, please contact Aidapt, a Healthcare Professional or a Dealer before installing this equipment.

- Before using this product, care must be taken to ensure that fitments are secure, the castors/wheels are in good working order, the chair is properly balanced and all wheels must be in contact with the floor at all times during use.
- 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. These are dealt with under the section headed Assembly and Use.
  - ii. The footplates are designed only to support the feet while in the seated position. **DO NOT STAND ON THE FOOT PLATES.**
  - iii. **WARNING:** Surface areas of your chair can get hot when the chair is exposed to external sources of heat (e.g. sunlight).
- Please now refer to the section on Assembly and use.

## ASSEMBLY

1. First remove all contents from the box.
2. To open the wheelchair, push seat rails and press downwards until the chair is fully opened taking care to keep fingers clear of moving parts (Fig.1).
3. To close the wheelchair, take the centre of the seat fabric at the front and back edges and lift (Fig.2).

**Note: The seat rails must be fully engaged in the seat frame support brackets before sitting down.**



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

The only part of the chair that can be adjusted are the leg rests. Ideally your knees should be at 90 degrees with the seat. If you are not sure please contact a healthcare professional or your local dealer for advice.

## BRAKE OPERATION

### **Parking Brakes (Occupant)**

See Fig. 3 which shows the chair with the parking brake not applied. To apply the parking brake push the handle forward as in Fig. 3a until it 'clicks' and this will apply the brake.



**Fig. 3B**



## **BRAKE ADJUSTMENT**

To adjust the parking brakes loosen bolt A (as per figure 3b) and move brake unit sideways to adjust as required and then re-tighten bolt A.

## **CORRECT USAGE**

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

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

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

**N.B. Do not stand on the transit chair**

### **1. Reaching/bending forward**

Move the chair 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 chair.

### **2. Reaching/bending backwards**

Move the chair 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 chair 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 to prevent tipping over. Do not shift your weight or sitting position towards the object you are reaching as it may cause the chair to tip over.

### **4. Transferring**

Before attempting to transfer in and out of the chair, every precaution should be taken to ensure the gap between the two seats is as small as possible. The chair should be on a smooth, stable and level area. Be sure to fully engage the wheel brakes when transferring in and out of the chair or when in an elevator or chair lift. Turn both castors in the direction of the seat to which you wish to move. Lift up the footplates and fold back the supports to the side. Do not stand on the footplates. It is imperative that the actual transfer procedure be supervised by a certified health care professional until the chair owner is familiar with the procedure.

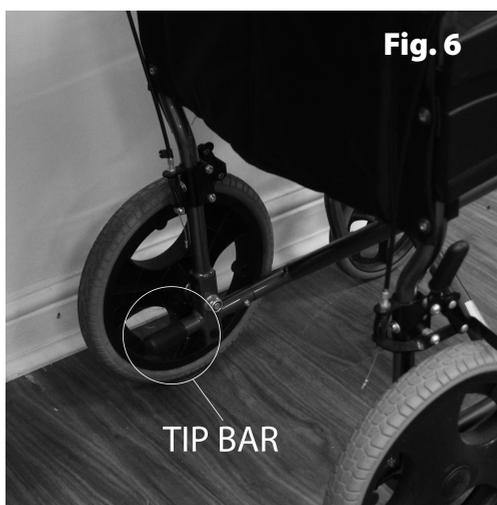
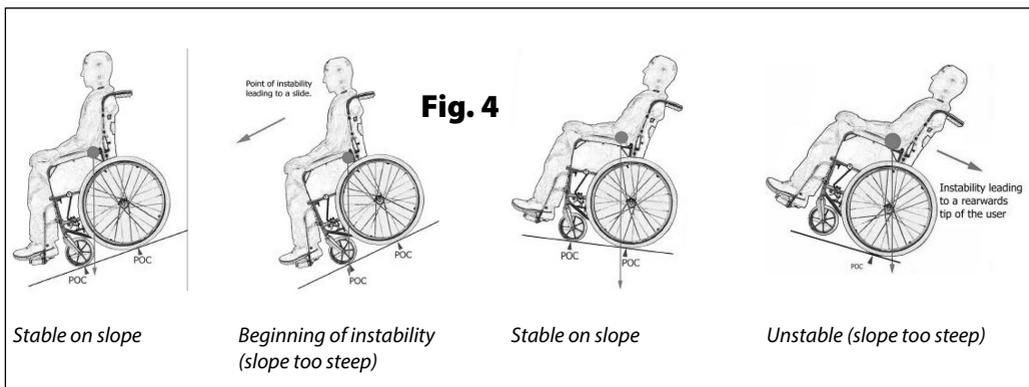
## 5. Negotiating Obstacles

### 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. 5 & 6). 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 lift until the rear wheels have mounted the kerb. The wheelchair should not be lifted by the handles alone.

### 5.2 Upward and Downward slopes (fig. 4)

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



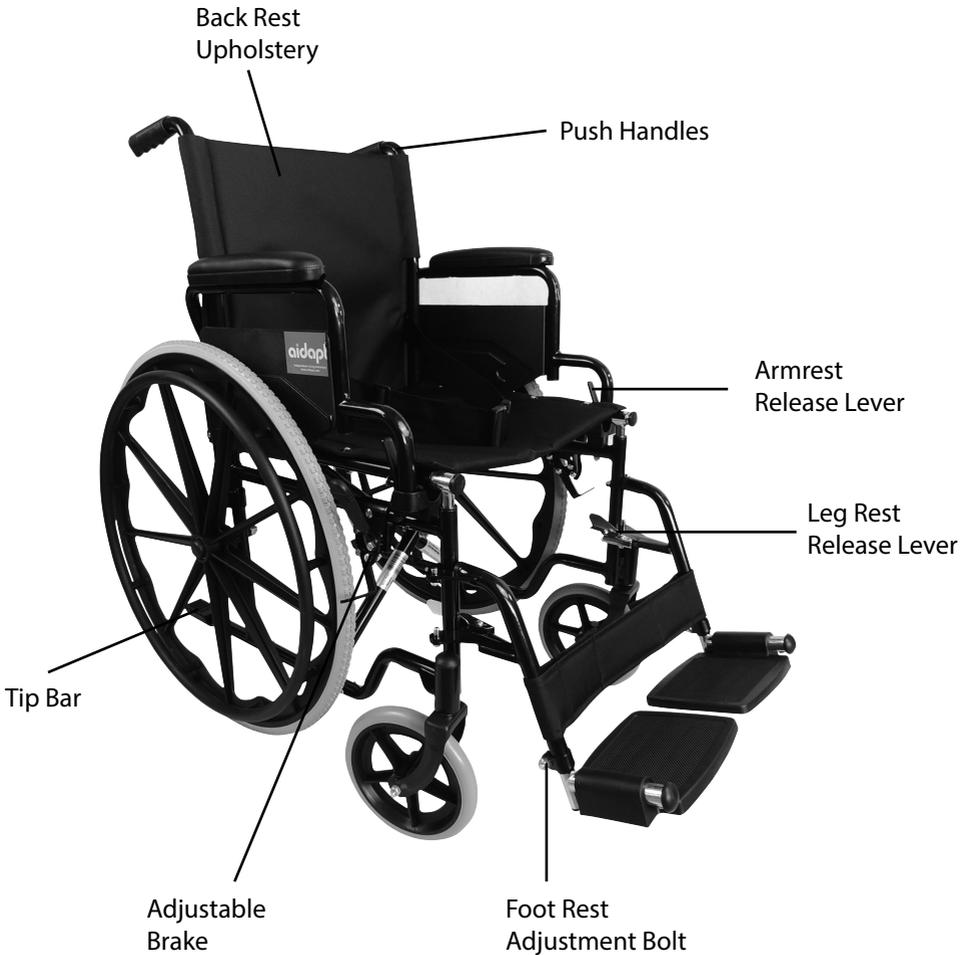
## 6. Ramps

Be sure of your own capabilities, limitations and strength before attempting to go up a ramp. Correct techniques on ramp negotiation should be shown to you by a qualified professional. Assistance is recommended when going up or down inclines greater than 10°. If you must stop on an incline, avoid sudden, abrupt movement when you resume movement. Due to the backward angle of the chair, sudden abrupt movement could cause instability. Attempting to use the wheel hand brakes could result in accidental locking, tipping to one side, or cause a sudden stop. Avoid changing direction when going down an incline, as this could result in instability that may cause tipping.

### AIDAPT GENERAL TRANSPORT GUIDANCE

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

Aidapt recommend transit chair users should transfer from their chair to a vehicle seat and use a 3-point occupant restraint system for the seated position. Aidapt also recognises that due to reason of pain or discomfort, transfer may not be possible.



## **1. Push Handles**

The handles are designed for the helper to propel the chair. They must not be used solely for lifting the chair over obstructions or kerbs (see negotiating obstacles) **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.**

## **2. Backrest Upholstery**

Periodically check the upholstery for signs of tears or sagging. Replace immediately if the seat is damaged

## **3. Armrest Release Lever**

Push the lever to release the armrests from the socket to allow them to be flipped up.

## **4. Leg Rest Release Lever**

Press the release lever towards you and swing the support to the outside of the chair. If the support is to be removed, lift it upwards. To re-fit and return to the original position, reverse the above procedure.

## **5. Footrest Adjustment Bolt**

The footplates are intended as a foot support only when you are sitting in the chair. On no account should you stand on the footplates. The heel loops or calf straps (if fitted) can be used to secure the position of the feet. The footplate assemblies can be adjusted in height by loosening the nut of the base of the adjustment tube, positioning the plate at the required height and tightening the nut to secure the assembly.

The footplates are detachable and may be swung away from the chair and also removed. To remove the footplates from the frame, release the leg rest release lever and lift the footplate

## **6. Adjustable Brake**

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

To operate, push the brake lever forward towards the front of the chair. This will immobilize the chair. To release the brake, move the lever towards the rear of the chair.

## **7. Castors & Bearings**

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

The wheel is secured to the castor fork by an axle bolt and axle nut. Periodically, this bolt and nut should be checked and tightened if necessary to allow a snug but free spinning fit. The castor fork swivel allows the chair to be steered. An adjustment locknut is located under the castor cap. If the locknut is too tight, the chair will be difficult to steer.

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

### **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. The large rear wheels should be inspected at least once a month to ensure proper tightness. If the wheel wobbles or is loose, release lock nut and tighten axle bolt slightly. Test for proper tightness by leaning chair to one side and spin adjusted wheel. 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 chair is fitted with pneumatic tires and you have a puncture please take your chair to the nearest dealer or bicycle repair centre.

### **5. Front Castors**

The castors should be checked periodically and lubricated occasionally. Lubricate them by removing the fork and greasing the castor stem bearings. Lubricate the wheel bearings by removing the wheel from the fork. Reassemble the fork and wheel by tightening the nuts until no play remains, but the wheels can be roll freely. If the nut is too loose, the castor will wobble, if too tight, the chair will be difficult to steer.

### **6. Brakes**

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

### **7. General**

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

### **8. Servicing**

We recommend your chair is fully serviced every twelve months. For parts information please contact Aidapt Bathrooms Limited (details on the back page).

### **9. Recycling of your Transit Chair**

Once the chair has reached its expected service life you can contact Aidapt for disposal.

## **SPECIFICATIONS**

<b><i>ITEM</i></b>	<b><i>DETAILS</i></b>
Width (folded)	260 mm
Width (unfolded)	620mm
Height	915mm
Net weight	17.6kg
Net weight (without leg rests)	15.96kg
Maximum User Weight	115 kg
Seat size	457x400mm

### **Distributed by**

**Aidapt Bathrooms Ltd, Lancots Lane, Sutton Oak, St Helens, WA9 3EX**

Telephone: +44 (0) 1744 745 020 • Fax: +44 (0) 1744 745 001 • Web: [www.aidapt.com](http://www.aidapt.com)

Email: [accounts@aidapt.co.uk](mailto:accounts@aidapt.co.uk) • [adaptations@aidapt.co.uk](mailto:adaptations@aidapt.co.uk) • [sales@aidapt.co.uk](mailto:sales@aidapt.co.uk)

**Manufacturers Agent – Kingsmead Service Ltd, 64 Totteridge Common, London,  
NW1 0ND.**