



# **Deluxe Self Propelled Aluminium Transit Chair**



**VA166SILVER**

## **Assembly and Operating Instructions**

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**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.

**INTRODUCTION**

Thank you for purchasing your transit chair 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.

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**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 ref: ..... Model VA166SILVER  
Can be wheeled by the person sitting in the transit chair, and also features handles for assistance pushing.

***The maximum load is 180 kg;  
under no circumstances should this be exceeded***

Before each use please take the time to check your transit 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 transit chair.

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

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 transit 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:
  1. 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. **DO NOT USE YOUR TRANSIT CHAIR AS A TRANSPORT SEAT IN A VEHICLE.**
    - iv. **WARNING:** Surface areas of your transit chair can increase when the transit chair is exposed to external sources of heat (eg. sunlight).
- Please now refer to the section on Assembly and use.

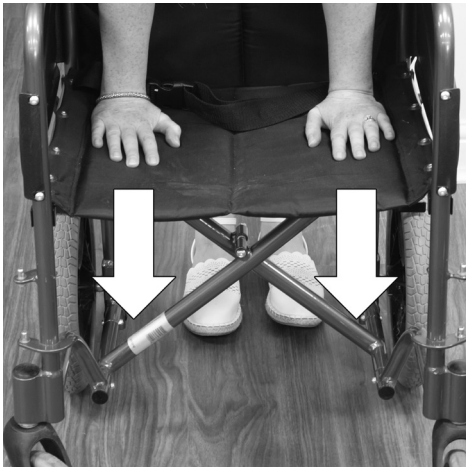
**DO NOT USE your wheelchair as a transport seat in a vehicle.**

## ASSEMBLY

1. First remove all contents from the box.
2. To open the transit chair, push seat rails and press downwards until the chair is fully opened taking care to keep fingers clear of moving parts (Fig.1).

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

3. To close the transit chair, take the centre of the seat fabric at the front and back edges and lift (Fig. 2).



(Fig.1).



(Fig.2).

*Note:* When opening and closing your transit chair please keep fingers well away from any possible entrapment areas.

The only part of the transit chair that can be adjusted are the foot 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 transit chair dealer for advice.

## **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 owner to reach, bend and transfer into and out of the transit chair. These movements will cause a change to normal balance, centre of gravity and weight distribution of the transit chair.

The design of your transit 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/bendingforward**

Move the transit 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 transit chair.

### **2. Reaching/bendingbackwards**

Move the transit 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/leaningsideways**

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

### **4. Transferring**

Before attempting to transfer in and out of the transit chair, 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 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 transit chair owner is familiar with the procedure.

## 5. Negotiating Obstacles

### 5.1 Forwards

The transit chair should be tilted by the helper until the front castors have passed over the kerbs. Move the transit chair 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 transit chair should not be lifted by the handles alone.

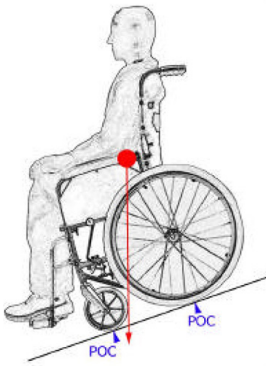
### 5.2 Backwards

The transit chair should be positioned so that the rear wheels are against the kerb. The helper should then tilt the transit chair backwards and then pull the chair until the rear wheels mount the kerb. The front castors should only be lowered to the ground when the transit chair has been pulled sufficiently away from the kerb.

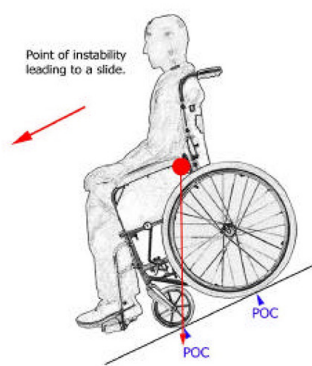
### 5.3 Upward and Downward slopes

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

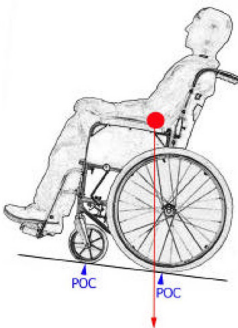
**Fig. 4**



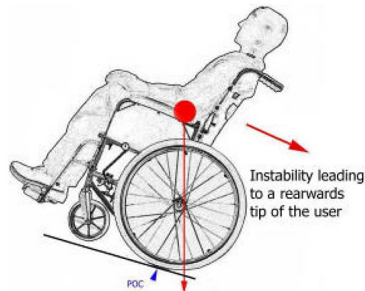
*Stable on slope*



*Beginning of instability  
(slope too steep)*



*Stable on slope*

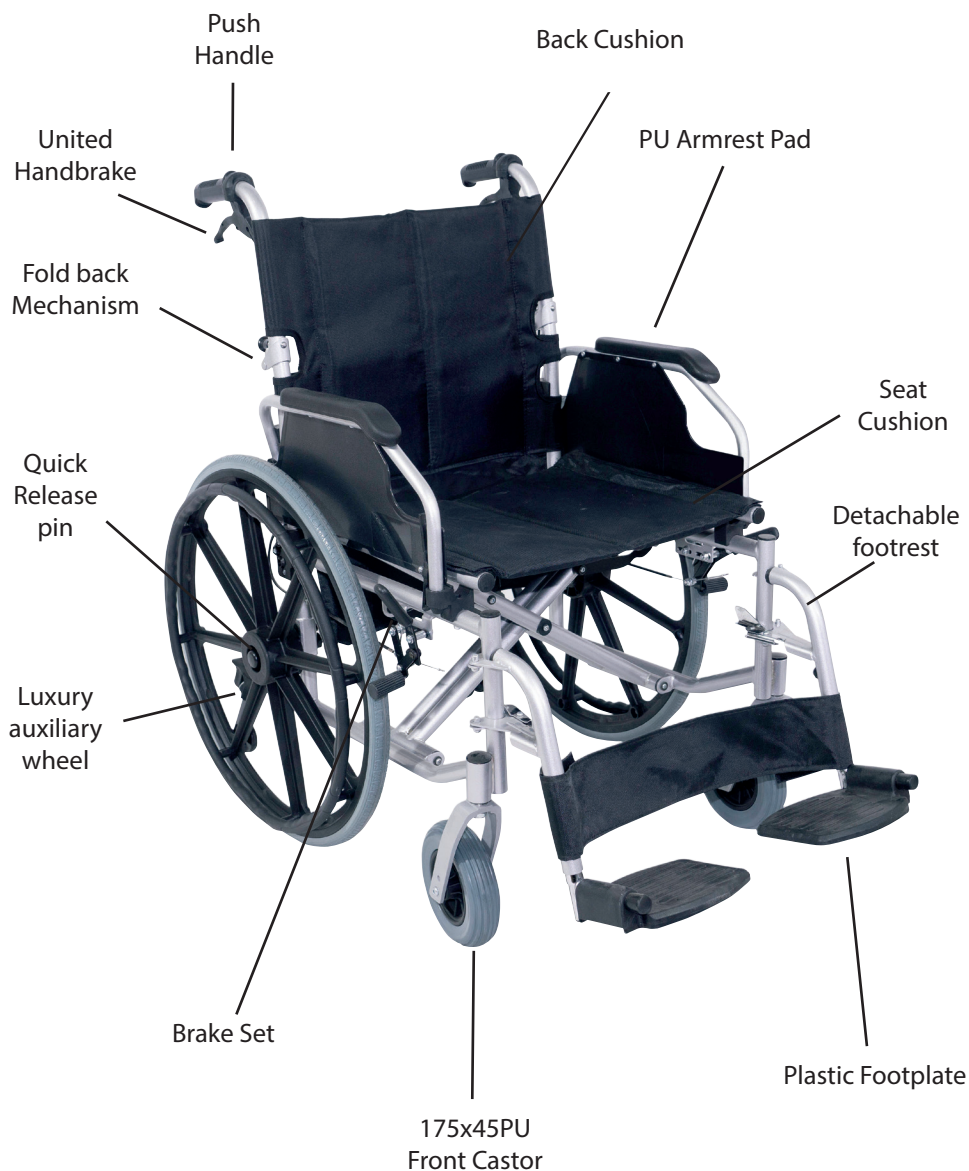


*Unstable (slope too steep)*

## GENERAL DESCRIPTION

The following diagram shows details of the transit chair terminology used in this manual.

### VA166SILVER Deluxe Self Propelled Steel Transit chair



## **GENERAL DESCRIPTION ctd.**

### **1. Backrest**

The adjustable backrest can be folded down by means of a locking mechanism fitted to both sides of the lower part of the backrest pillars. To fold the backrest down, push on both of the black plastic levers, then pull back and down on the top part of the backrest. To return to the original, reverse the procedure, making sure the mechanisms are locked securely. You will hear a click when the backrest is locked back into position correctly.

### **2. Handles**

The handles are designed for the helper to propel the transit chair and to stop the transit chair with the hand brakes. They must not be used solely for lifting the transit chair over obstructions or kerbs (see negotiating obstacles).

### **3. Armrest**

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

### **4. Footplates**

The footplates are intended as a foot support only when you are sitting in the transit chair. On no account should you stand on the footplates. The 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 footplate supports cannot be adjusted but are moveable from the transit chair. They can be swung away to the outside of the transit chair. To carry out this procedure, press the release lever and swing the support to the outside of the transit 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. Castor and bearing**

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 transit chair from being higher than the other.

The front wheels are 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 transit chair to be steered. An adjustment locknut is located under the castor cap. If the locknut is too tight, the transit chair will be difficult to steer.

## **6. Wheel lock assembly**

These are used to hold the transit chair in a stationary position, and are fitted on either side of the transit chair. They should not be used when the transit 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 transit chair. This will immobilize the transit chair. To release the brake, move the lever towards the rear of the transit chair.

## **7. Cross Bar**

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

## **8. Folding Backrest Device**

Push down the hinge to fold down the backrest. Automatically lock when pull up the backrest handle. This device is to enhance the storage feature.

## **9. Quick Release Wheels**

To aid transportation, the rear wheels can be removed by pushing the middle section of the wheel and pulling to release. To refit, reverse the procedure. Always make sure the wheels are fully connected before use.

## **10. Tyre pressure and inflation**

For transit chairs that are fitted with pneumatic tyres they should be inflated with a manual operated pump. Under no circumstances should a powered or compressed air pump be used. The tyre pressure should be tailored for optimum user comfort and ease of transit chair use. We recommend a tyre pressure of 35psi (241KpA) for comfort. However, do not exceed the maximum tyre pressure stated on the side wall of the tyre. This may differ slightly between tyres, but is typically:

- 65 psi (487 KpA) for 24" self-propel wheels
- 40 psi (275 KpA) for 12½" wtransit wheels

## **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 transit chair is fitted with pneumatic tires and you have a puncture please take your transit chair 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 transit chair folds and unfolds correctly and that movement both backwards and forwards is in a straight line.

### **8. Servicing**

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

**Your transit chair has been made from the finest materials and tested to BS EN 12183:2014.**

### **9. Recycling of your transit chair**

Once the transit chair has reached its expected service life you can contact Aidapt, which is a WEEE registered company, for disposal.

## SPECIFICATIONS

Model	VA166SILVER
Overall Height (unfolded) (mm)	930
Net weight (kg)	20
Maximum Load (kg)	180
Maximum Load (stones)	28
Seat size (WxD) (mm)	510x400
Additional information	Quick release rear wheels

### SERVICE WARRANTY

Aidapt Bathrooms Ltd guarantees the product free from defects in materials workmanship for a period of one year:

Should this product be operates under conditions other than those recommended, or any attempts to service or modify the product, then the warranty is rendered void.

The product you buy may differ slightly from illustrations. This warranty is in addition to, and does not affect your statutory rights.  
Our guarantee is administed by our retailers.

If your product arrives damaged, you must contact the retail from whom you bought it. The retailers contact details will be on the invoice that arrived with the product, or on the email you received when you placed the order. Do not contact Aidapt Bathrooms Ltd, only your retailed can arrange a replacement or refund.

If your product fails within the guarantee period, please contact the retailer whom you bought it.

If you have received your product and require technical help, please call our help desk on 01744 745 020. A copy of the instruction leaflet can be downloaded from our website.

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