



## ENIGMA 'K' Chair



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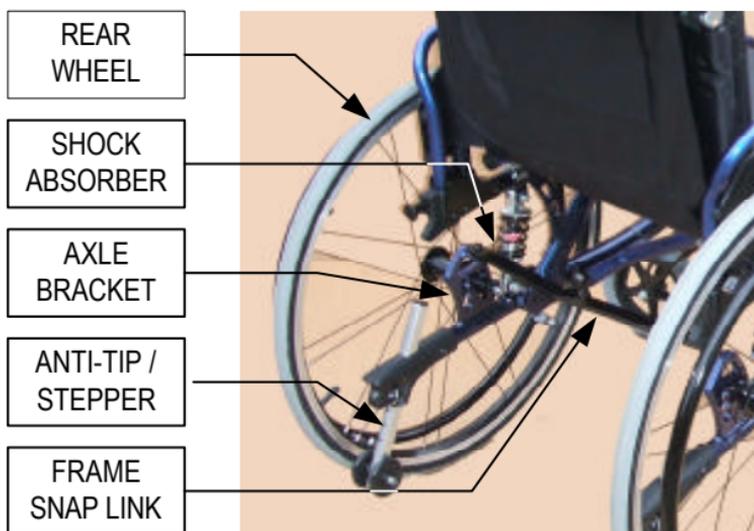
## 2. INTRODUCTION

The Enigma 'K' Chair has been designed with comfort of ride and quality in mind. It is suitable for occasional or frequent use, and can be used outdoors and indoors. It's aluminium frame is lightweight and durable, and moves with the adjustable shock absorbers to tailor the ride to each individual user's preference. The wheelchair comes with 24" rear wheels with

pneumatic racing tyres for speed and responsiveness, it can be propelled by either the user or an attendant. The wheelchair is designed for a single user up to 115kg (18 stones).

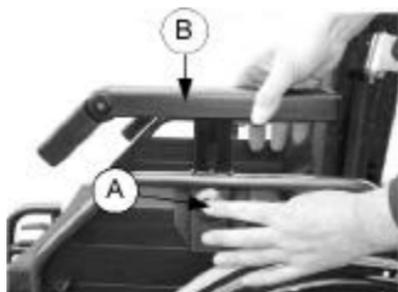
All Enigma wheels are manufactured to the highest quality and are CE compliant. Medicare Technology is an ISO 9001 and ISO 13485 certified medical device manufacturer.

### 3. PARTS DESCRIPTION





## 4. ADJUSTMENT FEATURES

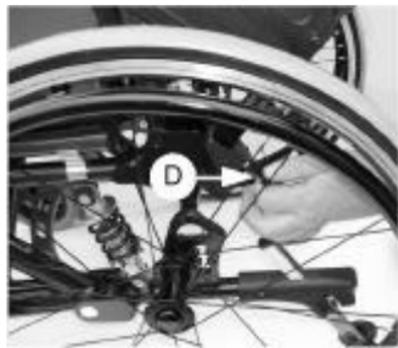


### Armrests

For comfort the armrest will flip up, remove and has a height and angle adjustable arm pad.



To adjust the height of the armpad, press button (A) whilst adjusting the pad (B) height.



To flip up the armrest, lift up the front of the armrest whilst pushing flipper (C).

To remove the armrest, pull plunger (D) whilst pulling the armrest from the receiver.

## Legrests

The length of the leg rests can be adjusted. To adjust the length of the leg rest, first loosen the allen bolt on the legrest using the allen key provided. Then slide the footplate in and out until the desired position is reached. Finally retighten the allen bolt to secure.



## Rear Shock Absorbers

The rear shock absorbers can be adjusted for different ride properties.

To make the ride more firm, turn the star-shaped disc on the absorber clockwise. To make the ride softer, turn the disc anticlockwise



### Warning:

Adjusting the ride characteristics of the wheelchair will affect its dynamic stability. Always set both shock absorbers to approximate equal firmness.

## Rear Wheel Position

The horizontal and vertical position of the rear wheels can be altered to suit the user. To do this remove the rear axle bosses and replace in the desired position for both wheels. Alter the position of both brakes if required.



### **Warning:**

Adjusting the rear wheel position will affect the dynamic and static stability of the wheelchair. Always ensure any adjustments are safe for the user and ensure both rear wheels are set to the same position.

## 5. FOLDING BACK MECHANISM



The wheelchair has a half fold back mechanism which has been designed so that the wheelchair will fit in to small spaces by reducing the wheelchair height.

To fold the back, push in the black lever using your thumb, whilst pulling the push handle down. Then repeat for the other side.



### **Warning:**

Do not pull on the black lever as this could result in damage and/or injury.

## 6. DISASSEMBLY AND FOLDING

The leg rests, armrests, rear wheels and cushions are easily removable without tools to facilitate a light carry weight and minimize storage space required.



### **i. Legrests:**

The legrests can swing in / out and are removable for convenience.

Pull up on the black plastic handle to unlock the legrest and then swing the legrest in or out, as required.

To remove the legrest, swing the legrest out approximately  $45^{\circ}$  and pull up on the leg rest.

To reinstall the leg rest, insert the leg rest at  $45^{\circ}$  then swing the legrest inwards until it locks in position.



### **Warning:**

Always ensure the legrest is properly reinstalled and locked in position before use.



**Warning:**

Check that the wheel is securely fastened before use by pulling the wheel and ensuring there is no sideways movement.

**ii. Rear wheels:**

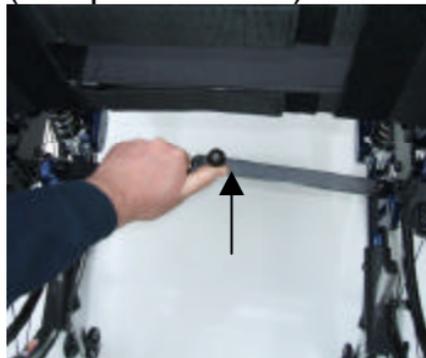
The rear wheels on the wheelchair can be easily removed for transportation or storage.

With one hand holding up the wheelchair frame, the other hand should grip the centre of the wheel, push the centre pin inwards and in the same movement pull the wheel hub away from the wheel.

To put the wheels back the procedure should be reversed.

### iii. Folding the wheelchair:

Firstly, unlock the snap link which make the frame rigid, by pushing the black knob forwards (see photo below)



Then to fold the chair, ensure that the legrests are removed or the footplates flipped up. Remove the seat and back cushions and remove the rear wheels if required. Pull up in the centre of the front and rear of the seat canvas and the wheelchair will naturally fold up.

## 7. OPERATION



### **Before Using the Wheelchair read the safety notices below:**

- Use slow speeds on gradients. Do not exceed the maximum gradient stated.
- The wheelchair is only suitable for single occupancy.
- Keep your feet on the footplates when moving. Do not stand on the footplates.
- Do not use escalators.
- Do not reverse down a gradient
- Maintain proper balance at all times. Users should not move their centre of gravity out of the seating area.
- Do not reach for items further than your arm will extend.
- Be aware of hazards in your environment, such as narrow doorways, steps, household appliances, children's toys, etc.
- We recommend you consult your healthcare professional for advice about transferring to and from the wheelchair. The parking brakes should always be applied when transferring.
- The wheelchair brakes and parking brakes are not suitable for slowing the wheelchair down.

## **i. Propulsion**

- Either the wheelchair user or an attendant can manually propel the wheelchair.
- If the user is propelling the wheelchair, they should use the handrims attached to the rear wheels. The user can slow the wheelchair by applying pressure to the handrim using their hands. The wheelchair should not be propelled by the user in environments where the user cannot stop the wheelchair promptly and comfortably.
- If an attendant is propelling the wheelchair, they should push using the push handles.



## **ii. Brakes**

The wheelchair comes with right and left parking brakes.

To apply the brakes, push the handle in the direction shown by the arrow.

To unlock the brakes, pull the handle back in the opposite direction.

## 8. USING THE STEPPER TUBE AND KERBS

**Anti-tip wheels.** The stepper tubes have integral anti-tip wheels. The height of the wheels can be altered by pulling the round disc on the stepper tube whilst adjusting the wheel height as required.



**Warning:**

Ensure that the wheels on both stepper tubes are set at the same height.

**Use the stepper tube** to raise the front castors (when mounting a kerb for example). To use, push down on the stepper tube with a foot.



**Warning:**

Do not raise the front castors by pushing down on the push handles as this could result in damage to the wheelchair.

**To mount a kerb.** Approach the kerb head on. Then the attendant uses the stepper tube to raise the front castors, and lowers the front castors on the raised kerb. Finally the attendant should push the wheelchair forward, lifting it up slightly to mount the kerb if required.

**To go down a kerb.** Line up the front castors with the edge of the kerb. The attendant uses the stepper

tube to raise the front castors and tip the user slightly back. Keeping the castors raised, slowly lower the wheelchair down the kerb.



**Warning:**

Do not raise the front castors by pushing down on the push handles as this could result in damage to the wheelchair.

## 9. USING THE WHEELCHAIR IN A VEHICLE

The wheelchair user should transfer to a normal vehicle seat and the wheelchair should be safely stored away. The wheelchair has not been designed to be used as a seat in a motor vehicle, and failure to follow the above instructions could result in injury.

## 10. TYRE PRESSURE AND INFLATION

This Enigma wheelchair comes complete with racing pneumatic tyres. These tyres should be inflated with a manually operated pump and use a high-pressure bicycle tyre valve. Note that under no circumstances should a powered or compressed air pump be used. The tyre pressure should be tailored for optimum user comfort and wheelchair ease of use. The maximum pressure for the tyres is 100psi (7 bar).

## 11. CARE AND MAINTENANCE

- Before each use of the wheelchair, the brakes should be checked.
- The wheelchair should be stored in a dry environment, away from direct sunlight. When in storage the wheelchair can be folded up. The wheelchair should be kept clean and dust free. This can be done with a duster or damp cloth and mild detergent.
- The user should routinely check the following items. It is recommended that a Medicare Technology dealer services the wheelchair annually, where these items should be repaired, replaced, adjusted and/or lubricated if required.
  - Tyre wear
  - Wheel bearings
  - Castors
  - Brakes
  - Legrest locking mechanism
  - Seat upholstery
  - Back upholstery
  - Arm pads
  - Arm rest mechanisms
  - Rear wheel quick release pin
  - Anti-tip bar adjustment
  - Half folding back mechanism
  - Back posts
  - Wheelchair (folds up)
  - Shock absorbers

- The wheelchair comes with a toolkit to perform simple maintenance tasks and the most common adjustments.

## 12. SPECIFICATION

Model	Enigma 'K' Chair
Overall $D^*$	97 x 71 x 91cm / 38 $\frac{1}{4}$ " x 28 $\frac{1}{4}$ " x 36"
Folded Width	32cm / 12 $\frac{1}{2}$ "
Seat $D^*$	40 x 45 x 48cm / 16" x 18" x 18 $\frac{3}{4}$ "
Carry Weight	5.8kg / 13lb
Total Weight	14.9kg / 33lb
Weight Capacity	18 stone / 115kg
Max Gradient	10° (18%)

*All dimensions are based on the wheelchair in its default configuration.*

*$D^*$  = Dimensions (L x W x H)*



### **Warning:**

Do not exceed the weight capacity or maximum gradient stated above. Failure to do so could result in damage or injury.

## 13. WARRANTY DETAILS

There is a comprehensive twelve-month warranty from the date on which your new wheelchair is delivered. The warranty covers the wheelchair for repairs or replacement during this period. For more detail, please see the warranty conditions below:

1. Any work or replacement part installation must be carried out by an authorised Medicare Technology dealer / service agent.
2. To apply the warranty should your wheelchair require attention please contact the outlet from which you purchased the wheelchair.
3. Should any part of the wheelchair require repair or full or part replacement, as a result of a manufacturing or material defect within the warranty period, parts will be supplied free of charge. Note: The guarantee is not transferable.
4. Any repaired or replaced parts will be covered by the balance of the warranty period on the wheelchair.
5. Parts replaced after the original warranty has expired will be covered by a three-month warranty.
6. Consumable items supplied will not generally be covered during the normal warranty period unless such items require repair or replacement clearly as a direct result of a manufacturing or material defect. Such items include (among others): upholstery and tyres.
7. The above warranty conditions apply to brand new wheelchairs. Ex-demo wheelchairs supplied directly by Medicare Technology carry a six-month warranty period. If you are unsure whether your wheelchair is covered contact your dealer.
8. Under normal circumstances, no responsibility will be accepted where the wheelchair has required assistance as a direct result of:
  - a. the wheelchair part not having been maintained in accordance with the manufacturers recommendations
  - b. failure to use the manufacturer's specified parts
  - c. the wheelchair or part having been damaged due to neglect, accident or improper use
  - d. the wheelchair or part having been altered from the manufacturer's specification or repairs having been attempted before the dealer is notified
9. The frames on Enigma aluminium wheelchairs have a five-year warranty.

In the event of your wheelchair requiring attention, please contact your service agent / dealer and give all relevant details so they can act quickly. The manufacturer reserves the right to alter without notice any weights, measurements or other technical data shown in this manual. All figures, measurements and capacities shown in this manual are approximate and do not constitute specifications.

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