



# Diana Deluxe Chair Bed User Manual

**IMPORTANT:**

Do not use HealthCo DIANA DELUXE CHAIR BED without having first read this manual.

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# LABEL INFORMATION

## PRODUCT SAFETY SYMBOLS

The symbols below represent labels used on the product to identify warnings, mandatory actions and prohibited actions. It is very important for you to read and understand these symbols completely.

Do not remove these labels from your product. Please note that not all of the symbols may be used on your Diana Chair model.



Pinch/Crush Points Hazard! Do not place objects or appendages in the path of moving parts.



Read and follow the information in the owner's manual.



Maximum weight capacity

# TABLE OF CONTENTS

Label Information	2	5. Operation	13
1. Introduction	4	• Safe operating precautions	
• Safety		• Engaging the directional locking castor	
• Purchaser's agreement		• Engaging the total locking castors	
• Information exchange		• Transferring	
2. General Guidelines	5	• Moving the Diana Chair	
• Pre-use checks		6. Care and Maintenance	15
• Modifications		• Regular cleaning	
• Weight limitations		• Regular maintenance	
• Pinch hazards		• Bi-Annual Maintenance	
• Shipping & delivery		7. Warranty	16
• Motor vehicle transport		8. Spare Parts List	17
• Environment			
• Surface temperature			
• Reuse			
• Storage			
3. Your Diana Chair	7		
• Body components			
• Specifications			
• Accessories			
• Materials			
4. Adjustments & Functionally	9		
• Tilting the chair			
• Tilting the backrest			
• Adjusting the backrest			
• Adjusting the armrests			
• Adjusting the backrest wings			
• Attaching the tray			
• Modular pressure relief system - adjustable			
• Attaching the padded footrest			

# 1. INTRODUCTION

## SAFETY

CONGRATULATIONS on purchasing your HealthCo Ltd Diana Chair. This product provides comfort for those who sit for long periods of time and are at risk of pressure injury. Understanding how to safely operate and care for this product should bring you years of trouble-free operation and service.

Read and follow all instructions, warnings and notes in this manual and all other accompanying literature before attempting to operate this product for the first time. In addition, your safety depends upon you, as well as the carer or healthcare professional in using good judgement.

If there is any information in this manual which you do not understand, or if you require additional assistance for setup or operation, please contact your authorised HealthCo Ltd Dealer. Failure to follow the instructions, warnings and notes in this manual and those located on your HealthCo Ltd product can result in personal injury or product damage and will void the Care Quip product warranty.

## PURCHASER'S AGREEMENT

By accepting delivery of this product, you agree not to change, alter or modify this product or remove or render inoperable or unsafe any guards, shields or other safety features of this product; fail, refuse or neglect to install any retrofit kits from time to time provided by HealthCo Ltd to enhance or preserve the safe use of this product.

## INFORMATION EXCHANGE

We want to hear your questions, comments and suggestions about this manual. We would also like to hear about the safety and reliability of your new HealthCo Ltd Diana Chair and about the service you received from your authorised HealthCo Ltd Dealer. Please notify us of any change of address, so we can keep you informed of important information about safety, new products and new options that can increase your ability to use and enjoy your HealthCo Ltd Diana Chair.

Please feel free to contact us at the address below:

### HealthCo Ltd

The Croft house | York Lane | Morthen | Rotherham | South Yorkshire | S66 9JH  
www.healthcoltd.co.uk

**NOTE: If you ever lose or misplace your user manual, contact us and we will be glad to send you a new one immediately.**

# 2. GENERAL GUIDELINES



**MANDATORY!** Read and follow the information provided in this owner's manual before attempting to operate your Diana Chair for the first time.

Your Diana Chair should be operated by a trained attendant. A trained attendant can be defined as a family member or healthcare professional specifically trained to operate this product.

Below are some precautions, tips and other safety considerations to assist in safely operating your Diana Chair.

## 2.1 PRE-USE CHECKS

Before using your HealthCo Ltd Diana Chair, check that it is working properly. Never use your chair if a fastening component is loose, a wheel or chair part does not function normally or upholstery parts are torn or undone.

## 2.2 MODIFICATIONS

HealthCo Diana Chair are designed and engineered to provide maximum comfort and support. However, to prevent personal injury and/or damage to your Diana Chair, you should not modify, add, remove or disable any feature, part or function of your Diana Chair. Unauthorised modifications may also void your product's warranty.

**NOTE: Use HealthCo Ltd approved parts only for all repairs and replacements.**

## 2.3 WEIGHT LIMITATIONS

Your Diana Chair is rated for a maximum weight capacity of 180 kg. It should never be used to carry heavy objects or for any other purpose, other than maintaining a person whose weight does not exceed the maximum weight capacity.



**MANDATORY!** Stay within the specified weight capacity of your Diana Chair. Failure to do so may result in injuries and/or product damage, HealthCo Ltd will not be held responsible for any such issues/failures.

## 2.4 PINCH HAZARDS

There may be some pinching risks when handling the chair or accessories. Take care at articulating parts of your Chair.



**WARNING!** Do not place objects or appendages in the path of moving parts.

## 2.5 SHIPPING AND DELIVERY

Before using your Diana Chair, make sure your delivery is complete as some components may be packaged individually. If you do not receive a complete delivery, please contact your authorised HealthCo Ltd Dealer immediately. Where damage has occurred during transport, either to the packaging or content, please contact the delivery company responsible.

## 2.6 MOTOR VEHICLE TRANSPORT

The HealthCo Ltd Diana Chair should never be used as a passenger seat in a vehicle, even if it is equipped and strapped. If you do need to transport the chair in a vehicle, ensure that it is secured and that any removable accessories are taken off.



**Be aware of the weight of the Diana Chair and manual handling requirements when transferring into a vehicle.**

## 2.7 ENVIRONMENT

Always ensure door widths are compatible with the chair's dimensions. Ensure pathways are clear. Never use this product on stairs or escalators. The HealthCo Ltd Diana Chair has been designed for indoor use only, in dry environments.

## 2.8 SURFACE TEMPERATURE

If the chair is exposed to a heat source, such as a heater or sun rays, either directly or through a window pane, the temperature of the upholstery, metallic and plastic elements may increase and pose a burns risk to the user. Those elements should be cool before use.



**Do not smoke when sitting in the chair.**



**Do not sit on the chair's legrest, backrest or armrests**

## 2.9 REUSE

If another person wishes to use the Diana Chair, it should be cleaned and disinfected. A healthcare professional should appropriately adapt and adjust it for the new user. Original labels should be readable and the User Manual should be given to the new user.

## 2.10 STORAGE

Before storing the chair for a long period of time, ensure that it is cleaned (see Section 6. Care & Maintenance). Store it in a dry place, away from dust and humidity. When removing from storage to use again, check its performance before using.

# 3. YOUR DIANA CHAIR

## BODY COMPONENTS

This section points out the features of your Diana Chair. Carefully review the function and location of each item described, and note that the illustrations and option locations shown in this manual may not precisely reflect those on your Chair.



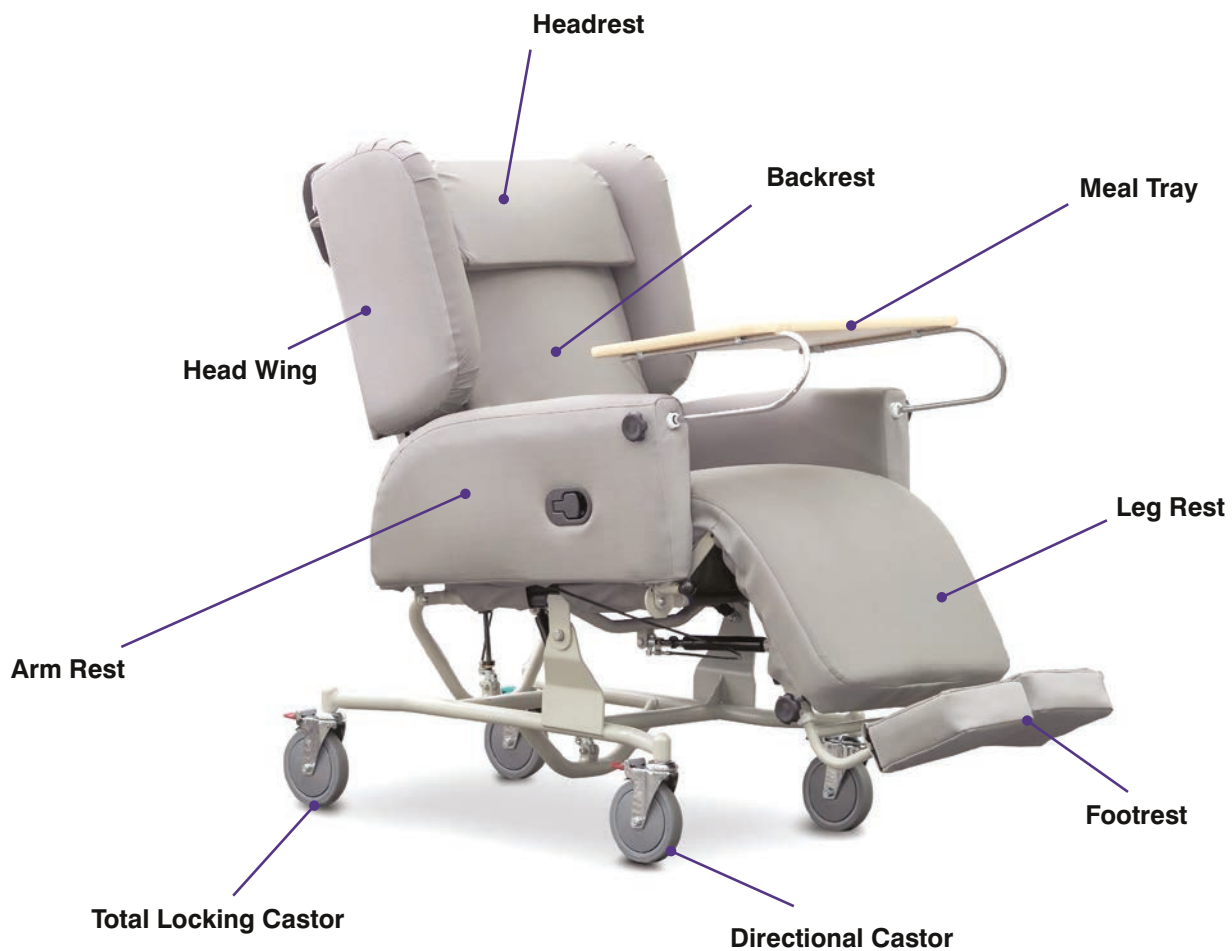
**Tilt & Recline Levers  
& Push Handle**



**Padded Footrest**



**Hand Pump Seating  
Surface**





# SPECIFICATIONS

	LARGE
Product Code	
Overall Width	700mm
Seat Width	500mm
Seat Depth	560mm
Castor Size	150mm
Backrest Height	730mm
Height (Floor to top of push handles)	1290mm
Seat Height	650mm
Armrest Height	750mm
Overall Length	1200mm
Tilt Angle	Forward Tilt 4° Backward Tilt 39°
Overall Weight	49kg

*We reserve the right to introduce technical / specification changes*

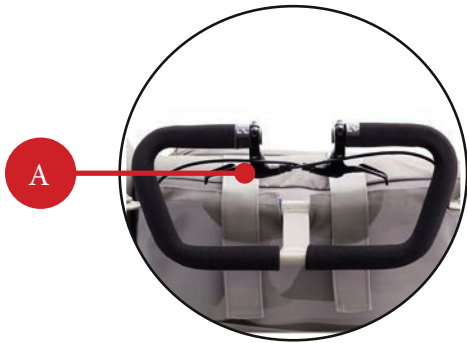
## STANDARD INCLUSIONS

- Padded Footrest
- Tray Table

# 4. ADJUSTMENTS & FUNCTIONALITY

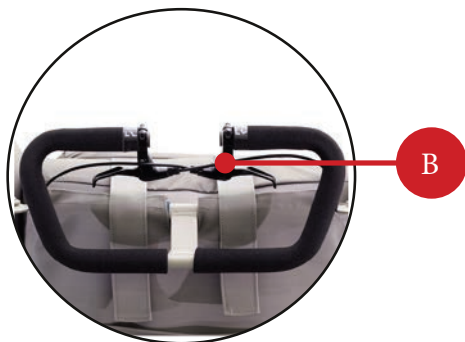
## 4.1 TILTING THE CHAIR

- To tilt the chair, squeeze the trigger lever (A)
- Release the lever to set the chair in the desired position
- Wings should always be up when adjusting the seat or backrest



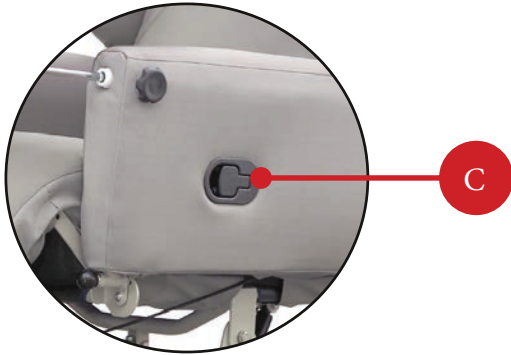
## 4.2 ADJUSTING THE BACKREST

- To change the backrest angle, squeeze the trigger lever (B)
- Release the lever to set the chair in the desired position
- Wings should always be up when adjusting the seat or backrest



### 4.3 ADJUSTING THE LEGREST

- The legrest on the Air Chair can be set up to a 400 angle
- Before adjusting the legrest, ensure that the castors have brakes applied
- Then pull the legrest lever (C) and release when the desired position is achieved
- This is a gas assisted function for ease of use
- Release the lever to set the chair in the desired position
- Wings should always be be up when adjusting the seat or backrest



### 4.4 ADJUSTING THE ARMRESTS

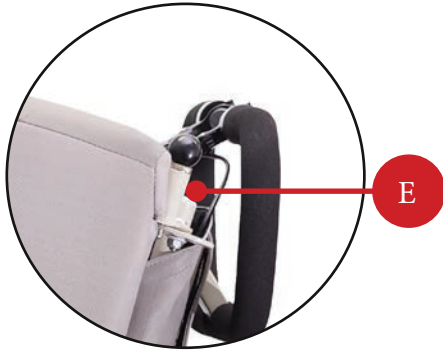
- To facilitate user positioning and transfers, the Air Chair armrests may be dropped down
- To do so, pull the black armrest release lever (D)
- Always guide the armrest as it drops down. If you do not, it may cause a fast drop and damage to your Air Chair



**CAUTION:** Always ensure that armrests are up before moving the occupant or leaving them unattended.

## 4.5 ADJUSTING THE BACKREST WINGS

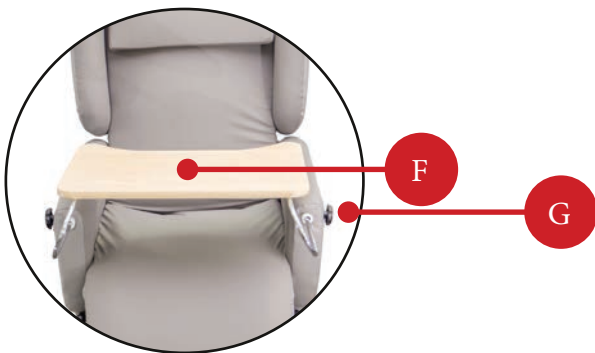
- To facilitate user positioning and transfers, the Air Chair backrest wings may be adjusted
- To do so, pull the black backrest wing release lever (E)
- Always guide the backrest wing as it moves. If you do not, it may cause a fast movement and damage to your Air Chair



**CAUTION:** Always ensure that backrest wings are up before moving the occupant or leaving them unattended.

## 4.6 ATTACHING THE TRAY TABLE

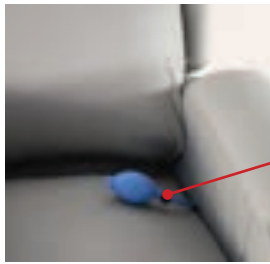
- Insert the tray table into the sleeves located on the armrests (F)
- To secure, fasten hand wheel (G)



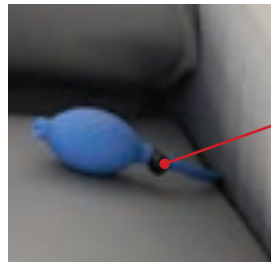
**CAUTION:** Remove the tray table every time you want to move the chair

## 4.7 Modular Pressure Relief System - Adjustable

- This product is designed to redistribute pressure areas and provide the user with comfort. It comprises of a pressure adjustable air bladder in the seating surface and lumbrosacral contouring in the backrest.
- The adjustable air bladder can be adjusted via a hand pump to suit the needs of the individual.
- It is recommended to inflate the air bladder prior to the user sitting in the chair.
- To inflate the air bladder, use the hand pump (H) located behind the head wing of the the chair. As a guide 50 full pumps without a user in the chair will bring the air bladder to 'firm pressure'.
- The carer or user should release pressure by pressing the release button on the hand pump (I), until the desired softness and immersion is achieved.
- The pressure should be checked and adjusted weekly.
- The user should never be able to feel any hard frame surfaces under the seat or backrest if correctly inflated.
- Note: Always bear in mind that an appropriate amount of immersion and envelopment is required for pressure re-distribution, relief and comfort.
- The user should always have maximum immersion and envelopment without losing the support of the chair.



Hand Pump - Seating Surface



Release Valve

## 4.8 ATTACHING THE PADDED FOOTREST

- Insert the footrest frame ends into the sleeves located at the base of the legrest (J)
- To secure, fasten hand wheel



J



**CAUTION! Ensure the footrest is not touching the ground when moving the chair**



# 5. OPERATION

## 5.1 SAFE OPERATING PRECAUTIONS

There are certain precautions that should be taken during the operation of your Diana Chair. Read and follow these precautions carefully in order to ensure safe Diana Chair operation and to prevent injury and/or product damage:

- Keep children and pets away from all moving parts while operating the Diana Chair
- Do not allow children to play on or operate the Diana Chair
- Do not sit or stand on the legrest

## 5.2 ENGAGING THE DIRECTIONAL LOCKING CASTOR

- The total lock castors have GREY pedals (L) in colour while the directional lock castor has a BLACK pedal (K)
- When the BLACK directional lock castor is engaged, movement of the Diana Chair in a straight line is facilitated. To allow sideways movement, it should be disengaged
- Note: before engaging the BLACK directional lock castor, push the Diana Chair forward to ensure that all castors are forward facing and correctly aligned.



## 5.3 ENGAGING THE TOTAL LOCKING CASTORS

- Use your foot to push down on the GREY pedals (L)
- To disengage, use your foot to push the top of the pedal down



**CAUTION! Always engage all 3 total locking castors when the HealthCo Ltd Diana Chair is stationary**

## 5.5 TRANSFERRING

- Ensure all brakes are engaged
- If carrying out a hoist transfer, the Diana Chair can be put on a slight tilt to facilitate user positioning
- Wings and armrests (L) can also be swung back/dropped down to facilitate user transfers



**CAUTION!** Always put wings and armrests back to their original, upright positions as soon as transfer is complete and before the user is left unattended or moved

## 5.7 MOVING THE DIANA CHAIR

- The Diana Chair can be moved with the occupant sitting in it, provided that the ground condition is taken into account
- Always ensure the occupant is secure in the seat before moving or operating the Diana Chair



**CAUTION!** Never use the Diana Chair on a slope (whatever the angle)



**CAUTION!** Never try to clear an obstacle whose height is more than 2cm (such as a doorstep) when the occupant is in the chair

# 6. CARE AND MAINTENANCE

Your Diana Chair will require routine maintenance checks. You can perform some of these checks, but others may require assistance from an authorised HealthCo Ltd Dealer. By following the maintenance checks in this section as scheduled, you can help ensure your Diana Chair gives you years of trouble-free operation. If you have any questions regarding maintenance of your Diana Chair contact your authorised HealthCo Ltd Dealer.

## 6.1 REGULAR CLEANING

The materials used for your Diana Chair's upholstery are resistant to most everyday environmental factors. They will remain in good condition if they are regularly maintained (at least once per month). To do this:

- Regularly dust and clean
- Use soapy water and then rinse with clean water (not excessively)
- Remove all stains as quickly as possible
- Regularly remove sweat marks
- Avoid prolonged exposure to any heat source
- DO NOT use undiluted alcohol, solvents, detergents, corrosive cleaning products, perchlorethylene, waxes, trichloroethylene
- DO NOT use hard brushes or any other pointed object to clean the Two Way stretch cover
- To remove any stubborn stains, use bleach or 10% alcohol diluted in water. Rinse with clean water (not excessively)
- Some stains can be reduced, though not removed, after cleaning. These include: ink, coffee, wine, alcohol, blood, urine, food, chocolate, ketchup etc. and some colourants used in clothing such as jeans. HealthCo Ltd is not liable for residual stains resulting from outside pollutants
- If used for multiple patients, the HealthCo Diana Chair should be cleaned and disinfected after each use

## 6.2 REGULAR MAINTENANCE

- Upholstery: Check the tension and general condition of the upholstery and existing pads They should not be undone, torn or not attached correctly
- Fastenings: All parts should be tightened sufficiently, but not excessively leading to damage Never use a chair if fastenings are loose
- Castors: Regularly check the condition of the castors, their wear and the performance of their braking system
- They should always be free of foreign matter (hair, lint etc)

## 6.3 BI-ANNUAL MAINTENANCE

To ensure safety and product longevity, your Diana Chair should be serviced every 6 months.

For replacement of parts, only HealthCo Ltd parts should be used. Any change or repair using parts from another source voids the warranty, and HealthCo Ltd will accept no responsibility for the chair in this case.

- Check all fastenings and hinge pins, with systematic replacement of all loosened nuts and worn screws (damaged thread, reduced screw section, rust traces)
- Lubricate the hinge pins
- Check the welding, with systematic replacement of parts whose welding has cracks, come off, tear off, and is twisted, out of shape or buckled
- Inspect all castors that are equipped with brakes and systematically replace if their performance is uncertain
- Check locking and adjusting systems. Systematically replace if they do not work properly and if there is a risk to the user or attendant
- Check the axial and radial play of the wheel pivot is minimal and there is no abnormal noise when they are rotating
- Inspect the castor & tyre treads and systematically replace if they are cut, cracked, torn or worn
- Inspect the upholstery and systematically replace if sewing is undone and fabric is torn, cut, has holes or is worn
- Once the above checks have been completed, check the functionality of the chair and it's accessories: wheel rotation, braking, rolling, angle and chair stability



# 7. WARRANTY

## THREE-YEAR LIMITED WARRANTY

For three (3) years from the date of purchase, HealthCo Ltd will repair or replace at our option to the original purchaser, parts found upon examination by an authorised representative of HealthCo Ltd to be defective in material and/or workmanship.

## ONE-YEAR WARRANTY

HealthCo Ltd Diana Chairs offer genuine belguim made two way stretch fabric. This carries a 3 year warranty against faulty materials and workmanship during manufacture.

**NOTE: HealthCo Ltd provides parts only under warranty. Your HealthCo Ltd Dealer is responsible for labour and service. Please contact your HealthCo Ltd Dealer for information about these services and for any applicable charges.**

## CONSUMER WARRANTY AGAINST DEFECTS:

HealthCo is bound by English Consumer Law in respect to Warranty Against Defects.

All warranty matters should be directed to HealthCo Ltd Customer Services.

HealthCo Ltd does not warrant against excessive or incorrect use, modification or any situation that could not be deemed as fair wear and tear. This is a back to base warranty and does not cover freight costs pertaining to the return of any items under warranty. HealthCo Ltd acknowledges and conforms to all ACCC guidelines around consumer rights. For further information contact HealthCo Ltd.

HealthCo Ltd will not warrant the safety and or correct functioning of products where any original components have been changed or modified by non-HealthCo Ltd approved and trained service & maintenance staff or external providers. Furthermore, safety is not guaranteed where components have been replaced with non-original HealthCo Ltd approved parts. If any faults are detected upon receipt of this product please phone HealthCo Ltd. Any faults that are detected during normal use should be reported to HealthCo Ltd immediately to determine if warranty conditions apply and if so, the necessary repair or replacement work to be completed.

# 8. SERVICING

Spare Part
Arm Rest Assembly - Left
Arm Rest Assembly - Right
Body Cushion Assembly - Short
Body Cushion Assembly - Tall
Head Rest Assembly - Short
Head Rest Assembly - Tall
Wing Assembly - Left
Wing Assembly - Right
Arm Rest Cover - Left
Arm Rest Cover - Right
Body Cushion Cover - Short
Body Cushion Cover - Tall
Head Rest Cover - Short
Head Rest Cover - Tall
Wing Cover - Left
Wing Cover - Right
Seating Surface Air Bladder
Back Surface Contoured Pressure Relief Insert
Tilt & Recliner Handle/Lever
Elevating Legrest Handle/Lever
Leg Rest Cable
Tilt & Recline Cable
Leg Rest Gas Strut
Reclining Gas Strut
Tilting Gas Strut
6in Locking Castor
6in Directional Castor
Chair Tray Adjustment Bolt
Footrest Adjustment Bolt
Arm Rest & Wing Pin Assembly

For servicing, preventative maintenance and any other questions regarding this or any other product please contact HealthCo Ltd.

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