



# Lynton

## Users Manual



# Thank you

Thank you for purchasing a Repose Lynton rise recliner chair. The Dual or Single Tilt in Space mechanism options have interchangeable back and seat cushions for different postural and pressure management needs making this an ideal chair for domestic or care environments. With an easy-to-use handset the chair can be smoothly reclined and repositioned with an extensive range of positions for comfort and good seating posture. There is a rise function to aid people when they want to stand.

Other key features such as, the adjustable seat width, depth and height enable the chair to be easily adapted for different users and to further aid comfort and posture.

## Using this guide

To maximise the advantages of your chair please take the time to read these instructions carefully, as they contain essential information on set-up and operation of all key features, as well as upholstery care, important safety advice, plus warranty and contact details. If for any reason you are unsure of anything, please contact your supplier immediately for further information.

**ALWAYS KEEP THESE INSTRUCTIONS SAFE as you will need them for reference purposes.**

## Technicians guide (For supplier use only)

There is a Technicians Guide at the end of the manual for your chair supplier only (pages 24 to 51). This guide is **FOR USE ONLY BY AUTHORISED TECHNICIANS** and not for users.

## Making a supplier enquiry

For any enquiries you will need to quote your unique batch number which can be found on the back of this user manual. Please keep this manual safe for future reference.

# Contents

Page	
4	<b>What The Expert Says</b>
6	<b>Health, Safety and Correct Usage Warnings</b>
8	<b>Accupak Rechargeable Battery System</b>
10	<b>20 Cycle Rechargeable Battery System</b>
11	<b>Transformer / Power Supply</b>
11	Power connection
11	Battery usage and fitting
11	To change the 9v batteries
12	<b>Chair Stops Working - Basic Checks</b>
13	<b>Chair Location</b>
13	<b>Pressure Care Management</b>
13	<b>Weight limits</b>
14	<b>Feature Functionality</b>
14	Lockable castors
14	Glides
15	VAL Technology
15	Low profile seat height
15	Handset instructions
15	- <i>Quick Release Handset Plug</i>
16	- <i>Dual Tilt in Space Handset</i>
17	- <i>Single Tilt in Space Handset</i>
17	- <i>Electric motor - Usage time</i>
18	<b>Back Cushion Adaptability</b>
19	Seat depth adjuster pads
19	<b>Seat Cushion Adaptability</b>
19	Seat chaise and cover
20	<b>Optional Accessories</b>
22	<b>Product Care</b>
22	Fabrics and cleaning
22	Recommended quality checks
23	<b>Warranty</b>
24 - 51	<b>Technicians Guide (Supplier Only)</b>

# What The Expert Says

## Benefits of recline and tilt in space mechanisms

Both reclining and tilt systems can provide pressure relief, increase circulation, improve head, neck and trunk control, improve functional posture and positioning, support safe transfers by various means and minimise variations / fluctuations in the client's muscular control. Below we have considered some of the benefits of the movement features on the mechanisms:



- **Tilt in Space**

A Tilt in Space (TIS) movement allows the seat to back angle to remain the same whilst the whole seating system is tilted backwards. This ensures that the angle of the hips, knees and ankles remain unaffected and the weight on the Ischial Tuberosities is reduced by redistributing the weight through the back. It allows posture to be maintained and pressure to be redistributed. This constant angle also prevents shear and friction during movement.

- **Independent Backrest Recline**

This allows the user to maintain flexibility over their body's position, particularly the amount of hip flexion, enabling them to maximise comfort.

- **Independent Leg Rest**

This offers the user additional flexibility over positioning, allowing them to use it in conjunction with the recline feature to create the optimal posture for their body shape. Leg elevation can support reduction in oedema and fluid retention. This reduced fluid in the lower limbs allows a user to maintain their standing and walking abilities.

- **Rise**

This provides the user with more independence, supporting them as they rise to a standing position from being seated. As the chair rises the seat tilts forward slightly, transferring the weight to the knees whilst taking away the pressure from the hips thus allowing the user to walk away more easily from the chair. On the Lynton 159 Kg (25 stone) model there is VAL Technology which further aids the rise to stand movement.

Kate Sheehan  
Independent Occupational Therapist

# Postural positioning

The Lynton has functionality that can be used to alter some of the chair dimensions to aid a client's postural requirements. All of the following adjustments will be advised and made by your supplier.

- **Seat Width Adjustment**

Having the right seat width will support correct pelvic positioning and stability as well as reducing any pressure areas especially around the hip joint. Always allow adequate room for natural movement and different changes of clothing.

The seat width can be adjusted by swapping the arm rests to achieve a 483mm (19") or 533mm (21") seat width.

- **Seat Height Adjustment**

Your client's feet should be positioned so that they are flat on the floor, ensuring that their thighs are in contact with the full length of the seat cushion to provide a comfortable sitting position.

There are two sets of optional feet adjusters available that can be used to raise the height of the seat.

- **Seat Depth Adjustment**

It is important to ensure that the seat depth supports the client's thighs throughout their length, but not too long or too short so as to avoid pressure points at the back of the knees and on the ischial tuberosities. On the Lynton this can be achieved in two ways:

- The back rest can be located in either of two positions enabling an 457mm (18") or 508mm (20") seat depth.
- Further adjustments of 25mm (1") and 50mm (2") can be accommodated by using the optional seat depth adjuster pads.

# Health, Safety and Correct Usage Warnings

Please read the following instructions before using the chair as they are for your own safety, the safety of others and to ensure that the chair is used correctly and in line with warranty conditions.

## Please ensure that:

- The chair **MUST BE** set up correctly and securely by a professional and the user told which adjustments they can make.
- **YOU AND ANY CARERS OR ATTENDANTS UNDERSTAND** the features of the chair and how they might be used safely.
- **YOU READ** the recommended quality checks on page 22. If you have either of the Accupak or 20 Cycle rechargeable battery systems, please ensure you read the relevant instructions on pages 8, 9 and 10 carefully.
- **YOU NEVER** exceed the weight limit for the chair (see page 13) as this may damage the chair and will invalidate your warranty.
- The transformer is **ALWAYS** placed in a flat position, **IS THE CORRECT WAY UP** and **IS NEVER COVERED WITH ANYTHING**. See Transformer instructions on page 11.
- **DO NOT** route any cables under the chair or through any moving part of the chair as this may cause damage to the cable which could cause an electric shock.
- **YOU CHECK** the chair and cables regularly to ensure that they are in a suitable working condition and that there is no damage (see page 22). **DO NOT USE** the chair if it is not working properly or damaged.
- **YOU ALWAYS** move the chair around using the front of the arms and that you are mindful of your own physical attributes as you carry out any such movements. **DO NOT** use other parts of a chair to move it around as this may cause damage to the framework and workings of the chair and will invalidate your warranty.
- **DO NOT** try to lift the chair by the arm tops as this may damage the arms.
- Chairs **ARE NOT** occupied or plugged in when they are being moved around.
- **NEVER** push a chair up or down steps or stairs.
- **YOU ALWAYS** lock the castors when the chair is stationary, for making transfers or when altering the chair set up. **THIS WILL AVOID** any movements that could cause personal injury.
- Children **DO NOT** play with the handset, or on, the chair as this may cause damage and could result in personal injury.
- **NO ONE** stands or sits on the arms or the leg rest as this may damage the chair and/or cause it to tip. To do so may cause personal injury.

- You are **ALWAYS** careful to keep hands, other body parts and clothes away from the moving parts of the mechanism when checking or during usage to avoid them being trapped.
- **YOU NEVER** exit the chair whilst the leg rest is elevated.
- When using the rise function **ALWAYS** adjust the backrest to the fully upright position before raising the chair.
- **ALWAYS** exercise care when lowering into the chair as shock loads can severely damage the chair mechanism and **will Invalidate warranty**.
- The chair is **ONLY OPERATED** at normal room temperatures **AND IS NEVER** used or stored in a damp or wet area.
- **YOU ALWAYS** store your handset on one of the loops on the chair to ensure that it is safe from damage.
- **YOU ALWAYS** disconnect the power supply before checking any part of the chair.
- **NO** cables are trapped under the chair and that **YOU DO NOT** run over the cables with any equipment e.g. vacuum cleaner.
- If there is a spillage on the chair **IMMEDIATELY DISCONNECT THE ELECTRICITY FROM THE MAINS** and check that no electrical components are wet. If in any doubt, please consult with your supplier or an authorised chair technician.

# Accupak Rechargeable Battery System (Optional Accessory)

Please read these instructions if you have an Accupak rechargeable battery system for mains free usage.

## Components received on delivery/Set up

- **The Accupak battery** will be fitted out of sight on the base of the chair.
- **The transformer and power cables** which enable the battery to be initially charged / recharged will normally be connected to the chair when it is initially set up.
- **The handset user instructions** which can be found on page 15, 16 and 17.
- **Only use the equipment supplied with the Accupak.**

## Operation and charging

- When the chair is received the battery **MUST BE FULLY CHARGED** before usage. It is recommended that the battery is **CHARGED FOR AT LEAST 8 HOURS**.
- The battery **SHOULD BE OPERATED** at normal room temperatures and never in damp environments.
- The battery provides an average of up to 70 adjustment cycles.
- The plug-in **CONNECTIONS ARE ACCESSIBLE** so that the system can be switched off in an emergency.
- The transformer must **ALWAYS** lie flat on the floor.
- The Accupak has an audible acoustic warning signal which is activated when the handset controls are used and the battery is low and requires recharging. The system still remains activated and emergency adjustment is possible, but please charge immediately. The battery also has an overall switch off threshold should you continue to operate the chair when the acoustic warning is sounding. This prevents deep discharge of the battery and permanent damage to it.
- **DO NOT** let the battery completely discharge as this will stop it from being fully charged again. If the battery is left to completely discharge it may have to be replaced and this is **not covered under the warranty**.
- It is **RECOMMENDED** that the battery is charged regularly overnight to prevent complete discharge.
- The chair may be used and operated whilst it is being charged, but **DO NOT** move the chair about when it is plugged in.
- The electrical components are designed to be used for **NO LONGER** than 2 minutes continuous movement in any period of 20 minutes. (See Usage time on page 17).
- Rechargeable batteries, by their nature, have limited lifespans and are characterised by gradual power loss over time. This normal depreciation and continual power loss is **not covered under the warranty**.



## Maintenance and disposal

- The rechargeable battery system is designed to be maintenance free.
- **DO NOT** open the Accupak. Check the cables and connections regularly for any signs of damage.
- **DO NOT** operate the system if there is any damage or if the unit gets too hot.
- **MAKE SURE** that the Accupak is kept clean and dry at all times.
- **DO NOT** submerge in water or expose to direct heat.
- **NEVER** run anything over the cables e.g. a vacuum cleaner, as this may damage them.
- **ALWAYS** store the chair in a dry and safe place which will protect the chair and the Accupak battery. If you are storing for periods of more than 6 months then the Accupak battery must be fully charged before being stored. The battery should be re-charged every 12 months when in storage.
- If your battery shows any signs of leakage **DO NOT** allow the fluid to come into contact with your skin. If it does, clean the affected area and contact your doctor.
- **ONLY** clean the Accupak and transformer by wiping carefully with a slightly damp cloth. Do not use solvents or chemical cleaning agents, to clean them. **ALWAYS DISCONNECT the power source when doing any cleaning.**
- Damaged batteries must be disposed of immediately and in line with environmental regulations.

## Basic fault and error detection

Below we have listed some basic checks you can carry out if the chair mechanism stops working. If the chair is still not working after carrying out these steps we recommend that you contact your supplier.

Problem	Possible Cause	Remedy
Handset or mechanism movement not working (mains power disconnected from chair)	<ol style="list-style-type: none"> <li>1) No supply voltage</li> <li>2) Deep discharge protection triggered (see above)</li> <li>3) Handset or system defective</li> </ol>	<ul style="list-style-type: none"> <li>• Connect chair to the mains/ charge the battery</li> <li>• If connecting to the mains /charging the battery does not work, contact supplier/ engineer</li> </ul>
Handset or mechanism movement not working (mains power connected to chair)	<ol style="list-style-type: none"> <li>1) Thermoswitch has been triggered in transformer (you cannot see this), preventing the chair from being powered and the battery from charging</li> <li>2) Handset or system defective</li> </ol>	<ul style="list-style-type: none"> <li>• Leave the chair in a state of rest for 20 to 30 minutes</li> <li>• If leaving the chair at rest does not work, contact supplier / engineer</li> </ul>
Acoustic Warning Sound can be heard	<ol style="list-style-type: none"> <li>1) The battery charge is very low (see above)</li> </ol>	<ul style="list-style-type: none"> <li>• Immediately recharge the battery</li> </ul>

# 20 Cycle Rechargeable Battery System (Optional Accessory)

Please read these instructions if you have a 20 Cycle rechargeable battery system for mains free usage.

## Operation and charging

- When the chair is received the battery **MUST BE FULLY CHARGED** before usage. It is recommended that the battery is **CHARGED FOR AT LEAST 8 HOURS**. The green LED light on the charger will turn green when charging is complete.
- The battery **SHOULD BE OPERATED** at normal room temperatures and never in damp environments.
- The battery provides an average of up to 20 chair adjustments.
- There is an acoustic warning signal, a 5 second beep, that notifies you of a low remaining charge during operation. Charge the battery before further use.
- **DO NOT** let the battery completely discharge as this will stop it from being fully charged again. If the battery is left to completely discharge it may have to be replaced and **this is not covered under the warranty**.
- It is **RECOMMENDED** that the battery is charged regularly overnight to prevent complete discharge.
- The chair may be used and operated whilst it is being charged, but **DO NOT** move the chair about when it is plugged in.
- The electrical components are designed to be used for no longer than 2 minutes continuous movement in any period of 20 minutes. (See Usage time on page 17).
- Rechargeable batteries, by their nature, have limited lifespan and are characterised by gradual power loss over time. This normal depreciation and continual power loss **is not covered under the warranty**.

## Maintenance and disposal

- The rechargeable battery system is designed to be maintenance free.
- **DO NOT** open the battery.
- If your battery shows any signs of leakage do not allow the fluid to come into contact with your skin. If it does, clean the affected area and contact your doctor.
- If the battery is stored disconnect the battery from the control or drive system and ensure you charge it every six months. Maximum storage time is 12 months.
- **ONLY** use a dry cloth to clean.
- Damaged batteries must be disposed of immediately and in line with environmental regulations.

**Repose always recommend that a qualified chair technician carries out any checks.**

# Transformer / Power Supply

## Power connection

Your chair comes with a transformer which has 9V emergency lower batteries that enables you to move the chair back to the seated position if there is a power cut. Firstly, insert these batteries as illustrated below and always note the operating instructions. Connect the transformer to the chair and power supply as shown in image 1, ensuring that it is flat on the floor and the right way up. The green LED light will illuminate once connected.

**Never cover the transformer and always ensure the wiring is safe to avoid someone tripping over it.**

The chair is safe when the power source is left on.

## Battery usage and fitting

Batteries need changing after every use and they will go flat over time even when not being used.

**NEVER RELY ON THE BATTERIES TO GET YOU OUT OF THE CHAIR.** You must always be physically capable of exiting the chair without the use of the batteries.

If you are in an area with frequent or long power cuts the Accupak system could be more suitable.

## To change the 9v batteries:

- 1) Remove the battery case cover (B) on the transformer (A).
- 2) Remove the battery clips (D) from the batteries (C).
- 3) Replace batteries and refit clips and cover - it should be ready for use.

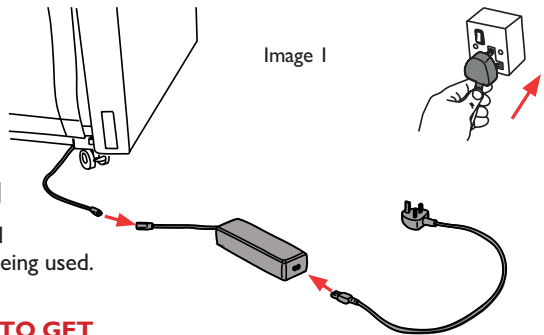
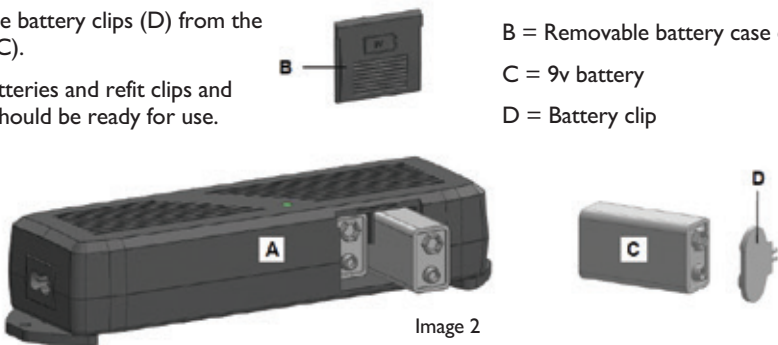


Image 1

Image 2

# Chair Stops Working – Basic Checks

If the chair stops working and you have purchased either an Accupak or a 20 Cycle battery system please refer to pages 8, 9 and 10. If you do not have either system then some simple checks you might carry out are:

- **CHECK** the green light on the transformer is on when it is plugged into the mains. If it isn't then the transformer is not working properly.

**If it is on and the chair is not working, then:**

- **CHECK** the handset is not damaged.

**If both these are okay then check the following, but ALWAYS DISCONNECT your chair from the power source when doing the following checks.**

- **CHECK** the wall socket is in working order by trying another appliance.
- **CHECK** to see if any cable connections have become disconnected.
- **CHECK** to see if any of the cables are damaged or trapped. Damaged cables should be changed.
- **DO NOT** open or attempt to open any electrical components as this could cause harm and to do so may invalidate your warranty.

If the chair is still not working, then contact your supplier and ask them to check the chair thoroughly.

# Chair Location

It is **very important** that you locate the chair correctly to ensure that all of the features work properly:

- Always ensure that there is enough space to recline fully and freely. There should be no objects behind the chair that obstruct its movement and the back should never touch the wall.
- The leg rest should be able to move fully and freely with no objects to restrict this movement.
- Position the chair free from any trailing wires.
- Ensure the chair is within easy reach of a power point to charge or recharge the battery system.

## Important note

- Obstructions may cause damage to the chair and its mechanism and **will invalidate your warranty**.

# Pressure Care Management

The Lynton has features that could help with postural and pressure management.

Please ensure that you understand how these features can be used to benefit your client. We always recommend that if you are setting up or operating the Lynton with clients that have medical conditions that the features are used in line with recommended professional advice.

# Weight Limits

The Lynton comes with two maximum weight options:

Small – Overall weight limit of 127 Kg (20 stone) / Leg rest weight limit 57 Kg (9 stone)

Medium & Large – Overall weight limit of 159 Kg (25 stone) / Leg rest weight limit 57 Kg (9 stone)

If in any doubt please refer to labelling on the mechanism.

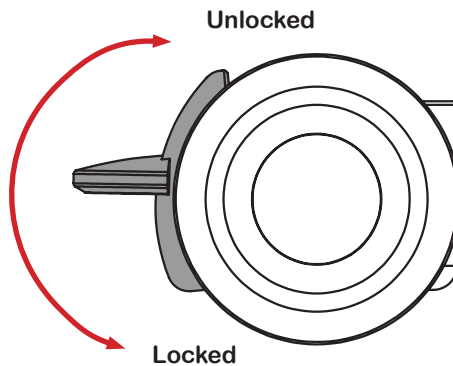
Please note that there may be additional overall chair weight restrictions for certain types of seat cushions – e.g. Dynaform (see page 49).

# Feature Functionality

Below we have detailed the chair's key features. Please read these carefully to ensure you understand how to get the best from your chair.

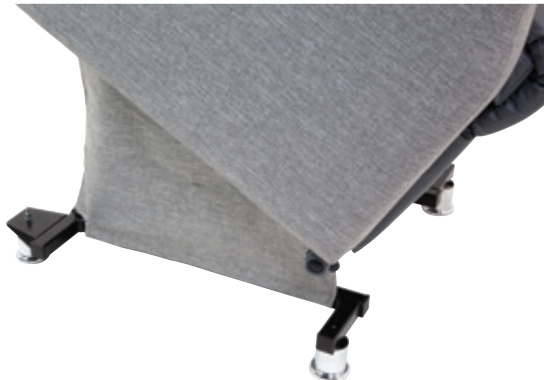
## Lockable castors

The Lynton comes with durable lockable castors as standard which are designed to glide easily over low profile carpets, wooden and vinyl flooring. **ALWAYS LOCK THE CASTORS** when the chair is stationary, for making transfers or for making changes to the chair set-up. **THIS WILL AVOID** any movements that could cause personal injury. Press down to lock and pull back up to unlock.



## Glides

If your seat height has been raised with the addition of feet then your chair will no longer have operational castors, but will have glides.



# VAL Technology

VAL comes as standard on the medium and large versions. It is not available on the small version. VAL allows the rise angle to be adjusted by a technician only to further support individuals to a standing position.

## Handset instructions

The Lynton has either a Single or Dual Tilt in Space Mechanism. Please read the handset instructions for your mechanism (pages 16 and 17). For safety, always ensure that you store the handset on one of the loops on the chair.

### Quick Release Handset Plug

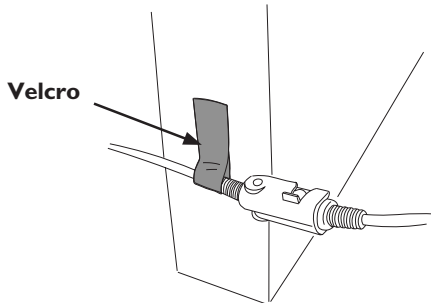
Both handsets come with a quick release clip for detaching the handset. It should be attached to the chair using the Velcro strips located at either side of the backrest at the bottom of the arm (see Image 1).

To operate (Images 2):

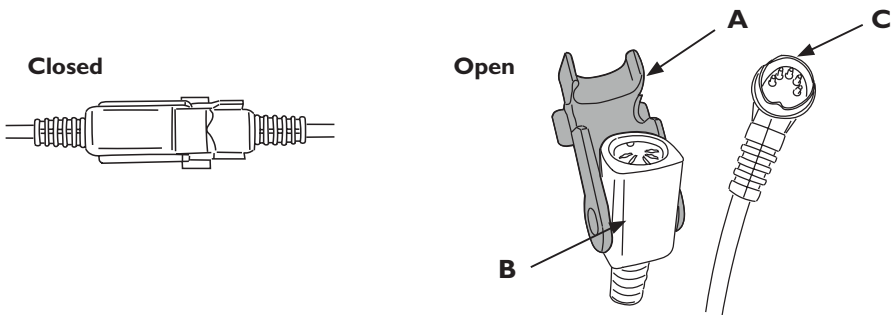
Clip (A) locks plug (B) to plug (C). To lock Plugs (B) and (C) together - push the clip (A) against the plugs until you hear it 'click' shut.

Ensure the quick release plug is fixed as shown on the outside of the chair with the velcro strip on the back of either arm.

Image 1



Images 2



The following instructions will aid use of your chair. Simply depress and release the desired button to reach the correct position as indicated.

### Dual Motor Tilt and Space (DTIS) – four button



### DTIS Range of Movement



Full Rise



Static Position



Independent Back Rest



Semi Recline



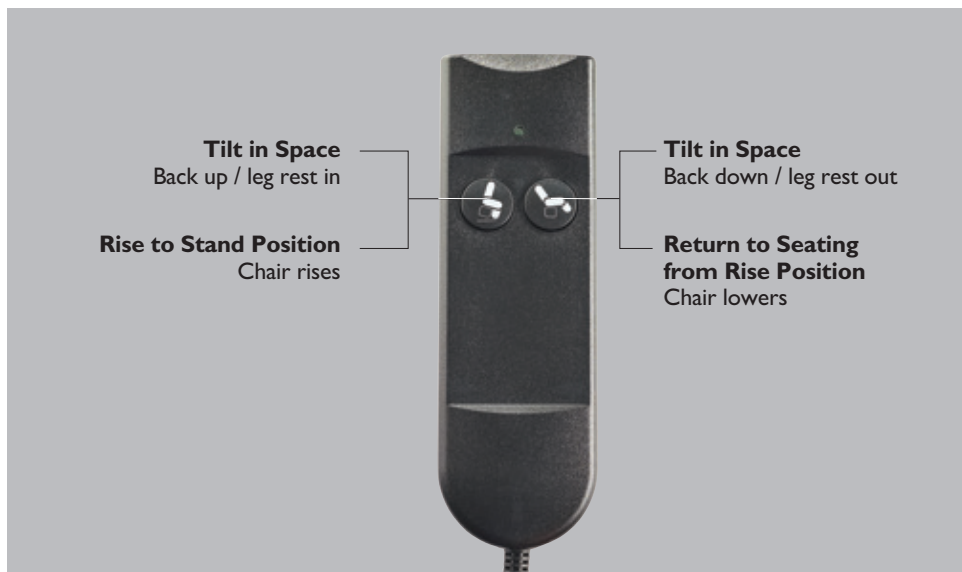
Footrest Horizontal



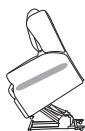
Fully Reclined



## Single Motor Tilt and Space (STIS) – two button



## STIS Range of Movement



Full Rise



Static Position



Semi Recline



Footrest Horizontal



Fully Reclined

## Electric motor - Usage time

The electrical motor is designed to be used for no more than 2 minutes continuous movement in any period of 20 minutes. If they are used for 2 minutes continuously then they should not be used for another 18 minutes. 2 minutes will allow for a considerable number of movements in line with normal operation. This ensures that you get the best performance from the chair and helps to protect the motor from failure.

# Back Cushion Adaptability

The Lynton comes with a removable back cushions as standard, giving you the option to select a number of removable and interchangeable back cushion configurations.

## Key Features:



- All cushions can be interchanged and repositioned for comfort and posture management. With the waterfall back cushions the largest cushion sits at the top of the back frame. To reposition the back cushions simply pull away from the back where they are positioned using Velcro strips and then reposition as required.



- Each of the fibre filled cushions comes with a zip that will enable fibres to be added or taken away to adjust the level of firmness and also to remove the covers for cleaning and replacement.



## Seat depth adjuster pads

There is also the option of purchasing seat adjuster pads which can further reduce the seat depth by either 25mm (1") or 50mm (2") depending on which pads are chosen. They simply fit behind the Velcro strips, as the image demonstrates.

# Seat Cushion Adaptability

The Lynton comes with an Easiform seat cushion as standard, but with the option to select from our range of interchangeable seat cushions (see page 49). To change the seat cushion, chaise or cover slip, firstly remove the back cushion. Then release the chaise from the Velcro strips, as shown below. The seat cushion can then, be simply lifted from the seat frame. Always ensure that when fitting the seat cushion that the “This way up label” sits at the back of the seat and is visible on the top.



Image 1

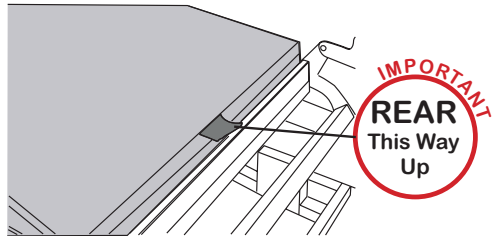


Image 2

## Seat chaise and cover

The Lynton benefits from a single, full seat cover and chaise which removes any pinch points and reduces the risk of pressure areas developing because of them. To remove firstly take off the back cushion. Then at the back of the seat cushion release the chaise from the Velcro and peel off the chaise (Image 3). The chaise is also secured by Velcro to the front of the seat and under the footplate, again simply peel off (Image 4).

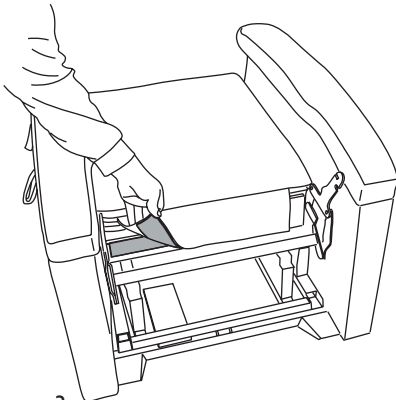


Image 3



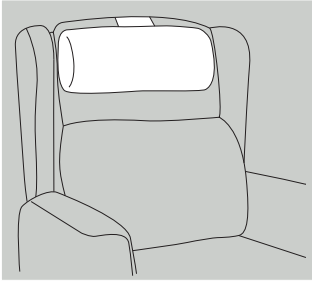
Image 4

# Optional Accessories

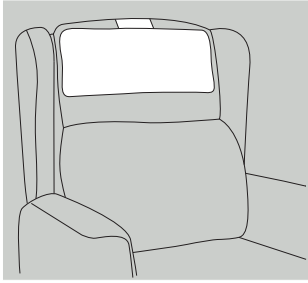
The following accessories are optional on the Lynton:

- Replacement chaise cover and memory foam
- Replacement or alternative Pressure Management seating options
- Seat depth adjuster pads
- 20 cycle rechargeable battery back-up system
- Accupak rechargeable battery system for mains free operation
- Seat height adjusters (glides)
- Replacement or alternative back cushions
- Channelled leg rest
- Enclosure Skirt

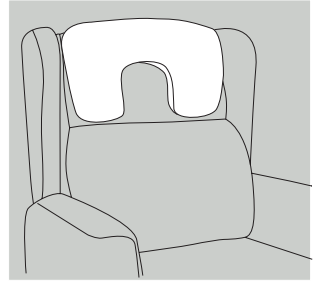
**A range of headrests:**



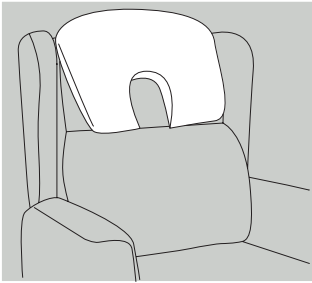
**Head roll**



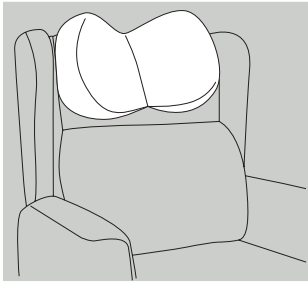
**Small head pillow**



**Small profile headrest**



**Large profile headrest**



**Midline headrest**

# Product Care

## Fabrics and cleaning



Always ensure that you follow the cleaning instructions for your particular upholstery. These are detailed below. Repose cannot be held responsible for any damage caused by cleaning.

Some general care tips:

- **Regular cleaning** is required to maintain the appearance and cleanliness of your chair. Small dust and dirt particles can increase the wear and tear of the upholstery and may dull the fabric.
- Your **upholstery should not be exposed** to direct sunlight for long periods of time as this will cause your fabric to fade. If your furniture is positioned within prolonged light, ensure your curtains and blinds are drawn for protection.
- **Ensure** your upholstery is protected from sharp objects or buckles as these may cause the fabric and/or upholstery to snag or become damaged.
- **Avoid** allowing pets onto your furniture as their claws may cause damage to the fabric and upholstery. All animals have a degree of oil in their coats which may transfer to your fabric if they go onto the chair. This will cause your fabric to wear prematurely.
- If you have fibre filled cushions regularly plump to avoid the fibres flattening.
- **Do not** dry clean or machine wash outer chair fabric. However the inner Dartex Vapor Permiabile is washable to 90°.
- **Never** apply chemicals, other than those recommended by your supplier, on the chair.
- Steam Cleaning: Is a suitable process for the outer chair fabric of the Lynton.

**Important note:** The person cleaning the chair **should always** use protective gloves to reduce the risk of infection transmission.

## Recommended quality checks

The chair should always be checked regularly for signs of damage or excessive wear and tear to ensure safe and reliable usage is maintained.

Regular checks should include, but are not limited to:

- Damage to the cables.
- Damage to the transformer.
- Any loose or detached parts.
- Castors for damage or any build-up of fluff, dirt, or dust particles.
- Damage to the handset.
- Damage to the fabric of the chair.

# Warranty

Two years on mechanisms, electrics, frame and upholstery. One year on air seat cushions.

Repose will repair or replace, at our discretion and free of charge to the original purchaser, any parts covered by this warranty and which on examination, are found to be faulty in material and/or workmanship. The warranty is for parts and labour. For full details of the warranty including return of faulty products, exclusions etc. please see visit our website.

Any products returned to Repose must be disinfected and should pose no health hazard.

## Warranty exclusions

- You continue to use the product after becoming aware of any faults.
- The fault arises because you failed to follow instructions as to its storage, installation, commissioning, use or maintenance.
- Fabric damage resulting from misuse, negligence, abuse, accident or incorrect cleaning.
- Unauthorised or incorrect repairs, alterations and modifications.
- The fault arises, as a result of Repose following any specific drawing, design or specification supplied by you.
- Damage to the chair from misuse, negligence, abuse or accident.
- Damage caused from normal wear and tear.
- Damage caused by common carrier abuse or mishandling and any special, indirect, incidental and/or consequential damages.
- Replacement of the battery if the battery is left to completely discharge.

## Statutory rights

Nothing contained in our Terms and Conditions nor in these guidelines shall affect the statutory rights of the customer.

## Warranty claim

Please contact your supplier with your original purchase invoice and unique chair batch number and they will make the necessary arrangements with Repose. The batch number and supplier details are clearly visible on the mechanism.

### Batch Label

Repose Specialist Seating Solutions

Input Voltage 230VAC 50Hz  
Refer to user instructions

Year:

Batch Number:

For further details on the model, dimensions and special features please contact the number below quoting the batch number above.

Atwood House, Cokeland Place, Cradley Heath, B64 6AN  
Tel: 0844 7796001 Fax: 0844 7796002 Email: info@reposefurniture.co.uk  
www.reposefurniture.co.uk

CE

# Lynton

# Technicians Guide

(FOR SUPPLIER USE ONLY)

This guide covers all installation procedures for set up and chair adjustments. Our quick set up guide covers some of these areas, but here we have included more detail. All alterations detailed in this section should only be undertaken by an authorised and approved chair technician.

**MODULAR ASSEMBLY COMPONENTS** – The Lynton has been designed with ease of carrying and transport in mind. Some of the components (see sections below marked with an asterisk) can be transported separately and then assembled on site. Each of these components has been designed to weigh 25 Kg (3 stone 13lbs) or less. All parts are labelled with a unique reference number - please quote when ordering (see example on page 51).

If you have any questions please contact your supplier.

**YOU MUST ALWAYS** take the necessary precautions and advice when carrying out any movement or handling operation.



# Contents

Page	
26	<b>Mechanism Assembly: Step 1</b>
27	<b>Step 2 and 3</b>
28	<b>Step 4</b>
29	<b>Step 5 and 6</b>
30	<b>Step 7 and 8</b>
31	<b>Step 9 and 10</b>
32	<b>Backrest Installation / Seat Depth Adjustment</b>
33	<b>Wing Installation</b>
34	<b>Arm Installation</b>
36	<b>Seat Width Adjustment (Arm Top Installation)</b>
37	<b>Channelled Leg Rest Installation</b>
38	<b>Enclosure Skirt Installation</b>
40	<b>Seat Height Adjustment – Fitting the Adjuster Feet</b>
42	<b>VAL Set-up</b>
44	<b>Seat Cushion Creation / Replacement</b>
46	<b>Chair Dimensions</b>
48	<b>Back Cushion Range</b>
49	<b>Seat Cushion Range</b>
50	<b>Standing Aids</b>
51	<b>Maintenance and Repairs</b>
51	<b>Part Numbering</b>

# Mechanism Assembly

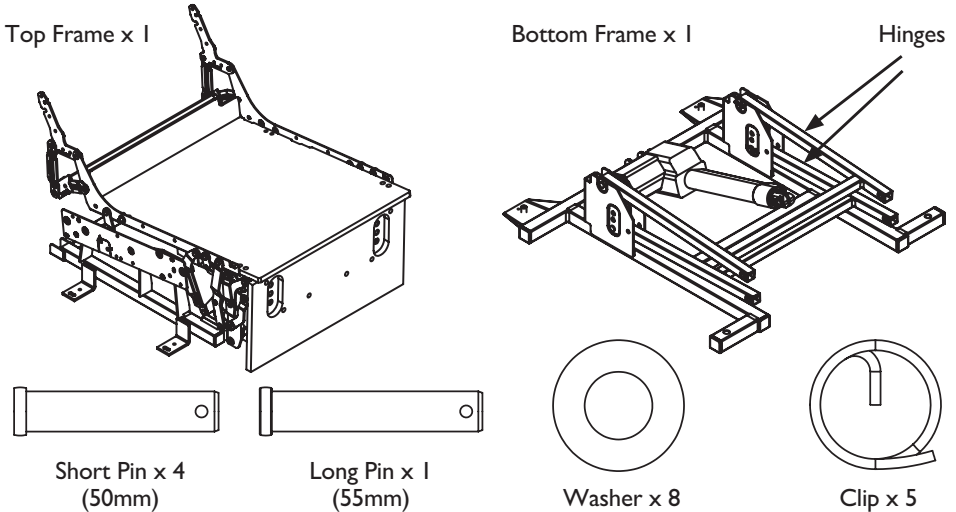
Assembling this mechanism needs to be completed by an authorised and trained technician. It is imperative that it is done correctly as incorrect assembly could result in injury to the user.

Please ensure you never place your fingers between two separate parts of the mechanism. There are multiple pinch points and carelessness could result in injury.

No tools required. However, you may find the use of a small mallet or mole grips helpful.

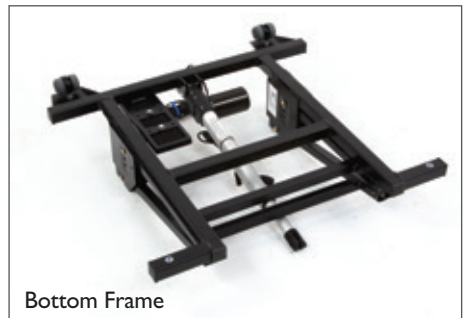
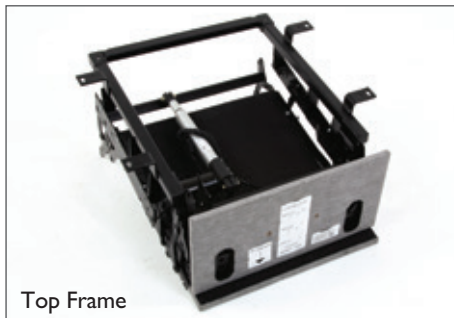
The following images show the set up of the dual mechanism (DTIS). The single mechanism (STIS) is split and assembled in the same way minus STEP 6. This is because it does not have an independent back rest motor.

## Components required for assembly



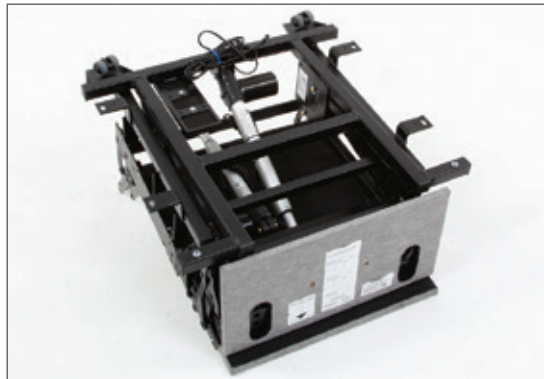
## Step 1

Turn the top and bottom frame upside down as shown.



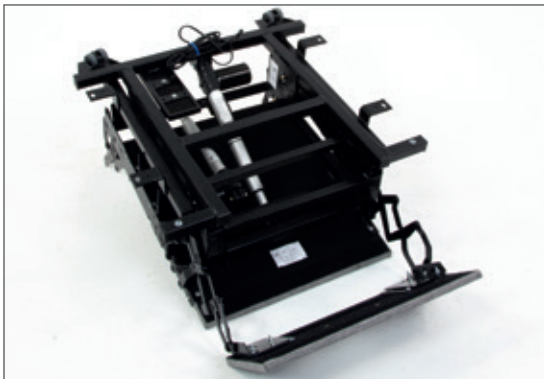
## Step 2

Lower Bottom Frame onto Top Frame.



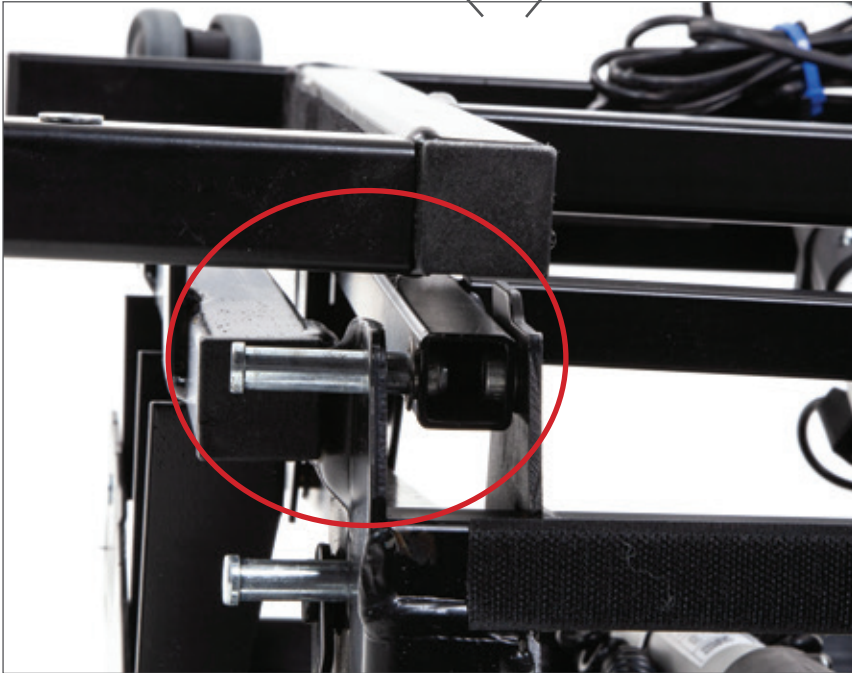
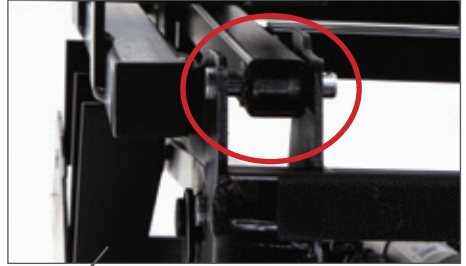
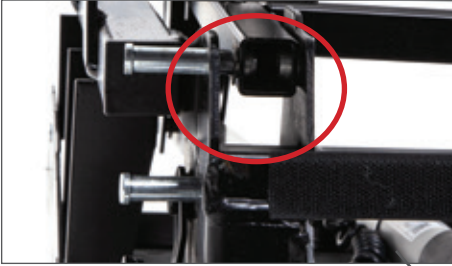
## Step 3

Pull leg rest out slightly to help with access.



## Step 4

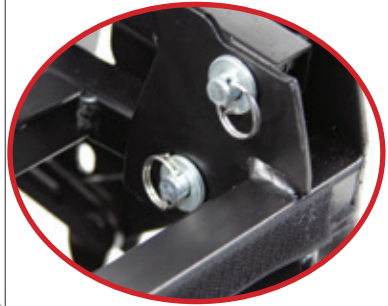
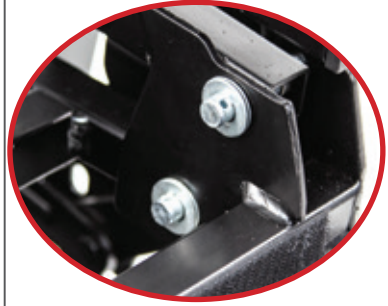
From the outside of the mechanism insert the 4x short pins through the brackets and hinges as shown. Ensure the short pins have been pushed completely through. Complete this step on both sides.



Incorrect installation could result in injury. Ensure pin is fully through both sides of the brackets and hinges.

## Step 5

On each short pin put two washers then loop the ring through the small hole at the end of the short pin - as you would put a key on a key ring.



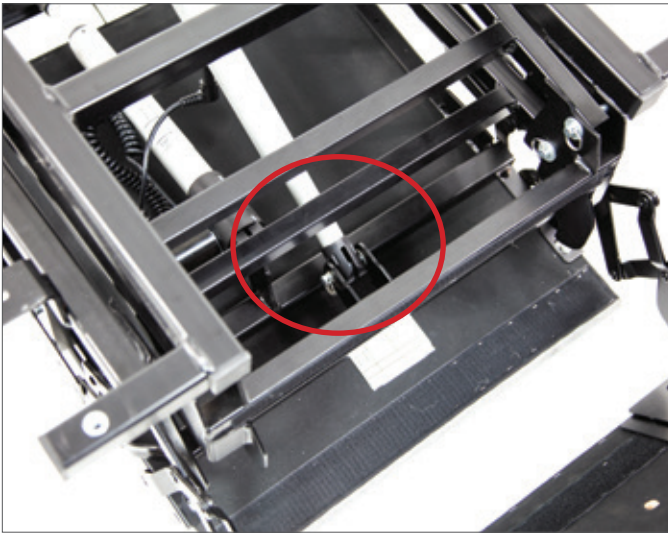
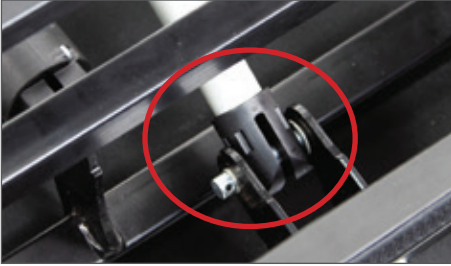
## Step 6 (NOT APPLICABLE FOR THE STIS)

Connect the wire coming from the motor on top frame to the main motor on the bottom frame.



## Step 7

Lift the end of the motor up so the holes on the end of the motor align with the holes on the bracket. Push the long pin through all holes and out the other side. Loop the ring through the small hole at the end of the long pin – as you would a key ring.



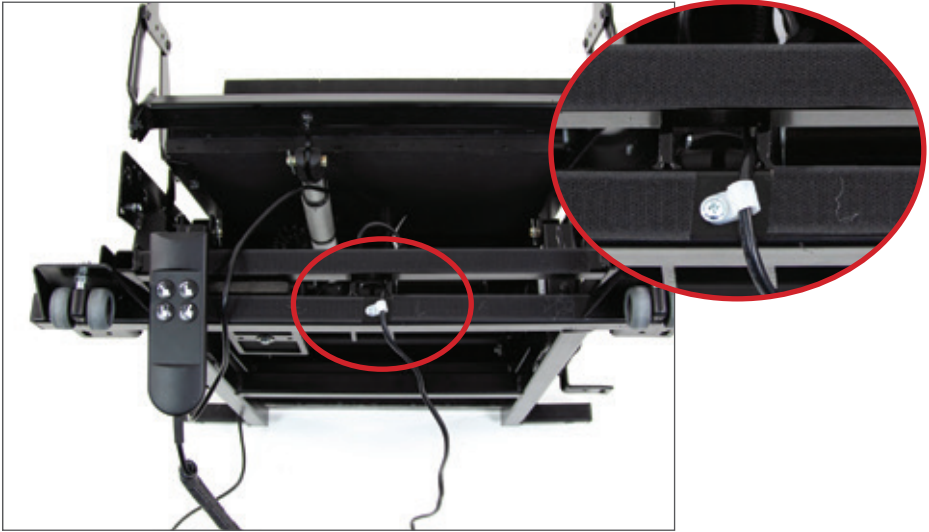
## Step 8

The cables should be arranged as below. If this is the case, then the motor assembly is complete.



## Step 9

The power cable trailing from the rear of the mechanism should thread between the base and the top frame assembly. Check that it is not crushed as this will damage the cable.



## Step 10

Run the mechanism through the whole lift/recline cycle to ensure no faults. If a cable looks to be at risk of becoming trapped, move it to a more suitable area and cable tie as appropriate. Contact your supplier if you have any concerns.



**ASSEMBLY IS COMPLETE**

# Backrest Installation / Seat Depth Adjustment

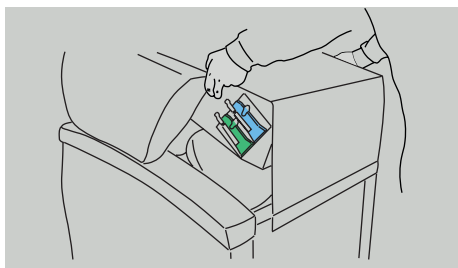
For ease of transport the back frame can be separated from the seat base. The back frame attaches to the seat base by inserting the L shaped housing pins (red pin in Steps 2 and 3)) on the seat frame into either of the bracket sets (highlighted in blue or green) on the side of the chair back frame (see below).

By selecting which bracket set you use you will also be selecting the seat depth:

- Blue housing brackets for 457mm (18") seat depth.
- Green housing brackets for 508mm (20") seat depth.

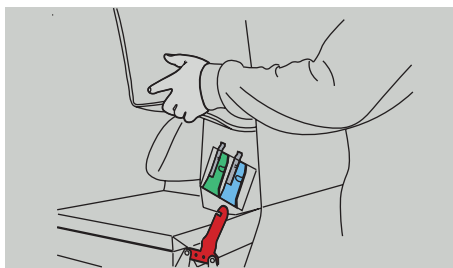
The seat depth is very important as it should be long enough to support the upper part of the legs whilst allowing the user's back to rest comfortably on the backrest.

## Step 1



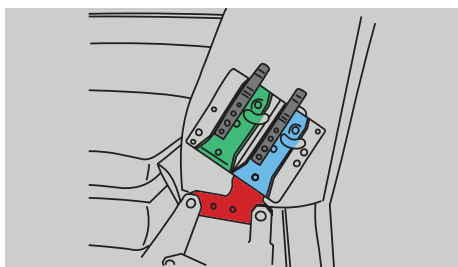
Firstly, lie the back on top of the base with the top facing forward.

## Step 2



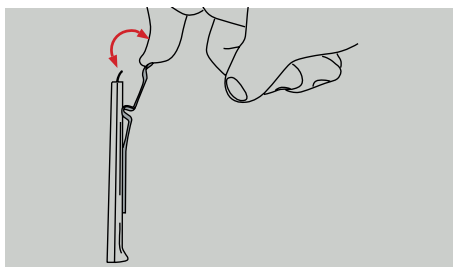
Lift the back and position the brackets over the housing pins remembering that **you should be using the same positioned bracket on either side of the back frame (blue or green).**

## Step 3



Slide the brackets onto the housing pins and gently apply pressure to the top of the back and push down to ensure it is securely in place – when you hear a click it's in place.

## Step 4



To release the brackets pull the tab away from the chair.



## Seat depth adjustment pads

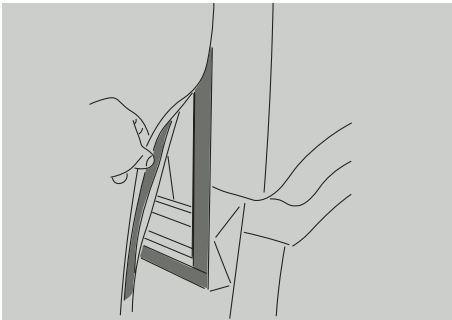
There is also the option of purchasing seat adjuster pads which can further reduce the seat depth by either 25mm (1") or 50mm (2") depending on which pads are chosen. They simply fit behind the back cushions using the Velcro strips, as the image demonstrates.



## Wing Installation

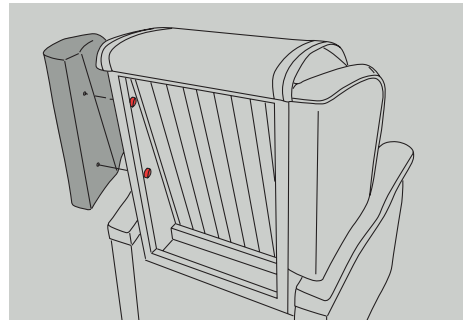
The Lynton comes with detachable wings. They are easy to fit and requires no tools:

### Step 1



To attach the wings, lift the fabric flap attached to the back of the chair (by Velcro) to expose the screw holes (see step 2).

### Step 2



Holding onto the wing (Grey) with one hand screw the thumb screws (Red) to attach the wing.

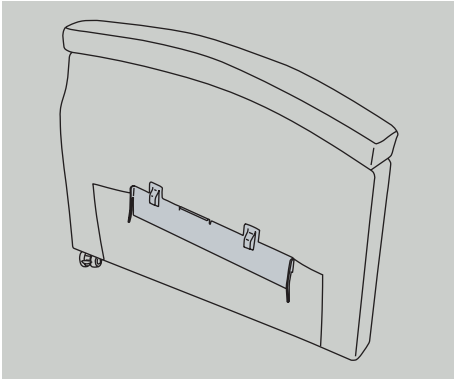
Repeat for the other side. Reset the fabric flap. To remove the wings reverse these steps.

# Arm Installation

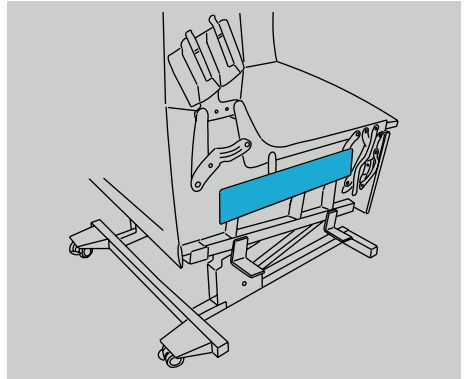
## Arm installation

No tools are required. Each arm comes with a pre-attached metal arm bracket (A). This bracket (A) fits over and sits tightly and securely against the corresponding bracket on the mechanism (B).

If you need to fit or take off the arm tops see page see page 36.



A - Arm Bracket



B - Mechanism Bracket

## Step 1

The dark grey tabs (C) on the Arm Bracket (A) hook over the top of the Mechanism Bracket (B) as demonstrated in image 1. The arm bracket also has three small tabs shown in light pink (D1 and D2), one at either end, and a top tab (D3). These tabs (D1-3) act as a guide to aid the Arm Bracket (A) to sit square on the Mechanism Bracket (B) – image 2.

Push the arm towards the mechanism and down to the ground (image 3) ensuring that the pink tabs are properly located at the top and front/back of the Mechanism Bracket (B) – image 2.

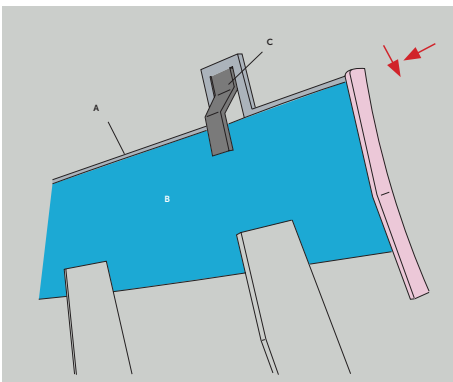


Image 1

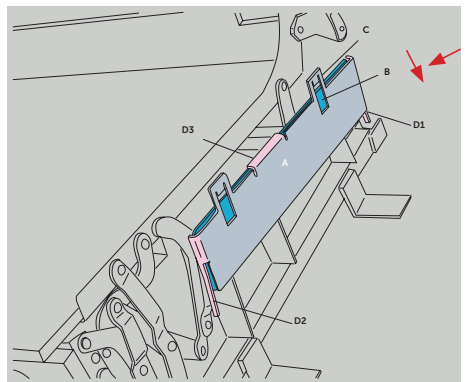


Image 2

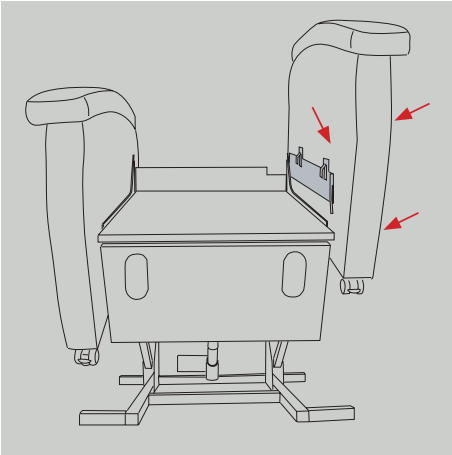
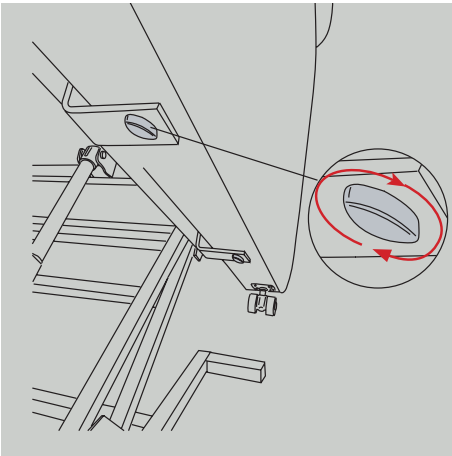


Image 3

## Step 2

Once the arm is positioned you will need to put the chair into the rise position. This enables you to secure the thumb screws, into the housing holes underneath the arm. Tightly secure the arm.



**Important note:** Never use the arms to lift the chair as this may cause damage to them.

# Seat Width Adjustment

The arm rests are removable and can be swapped between the two sides of the chair. You can do this to increase or decrease the seat width, the distance between the two arm rests. This will help the user to have good posture support whilst seated.

The distance between the two arm rests can be selected to be either 483mm (19") shown on image 1 or 533mm (21") as shown on image 2.

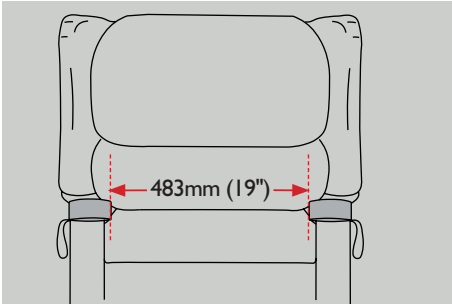


Image 1

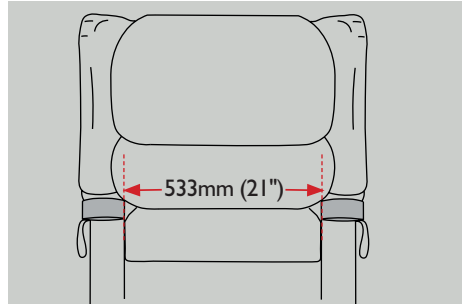
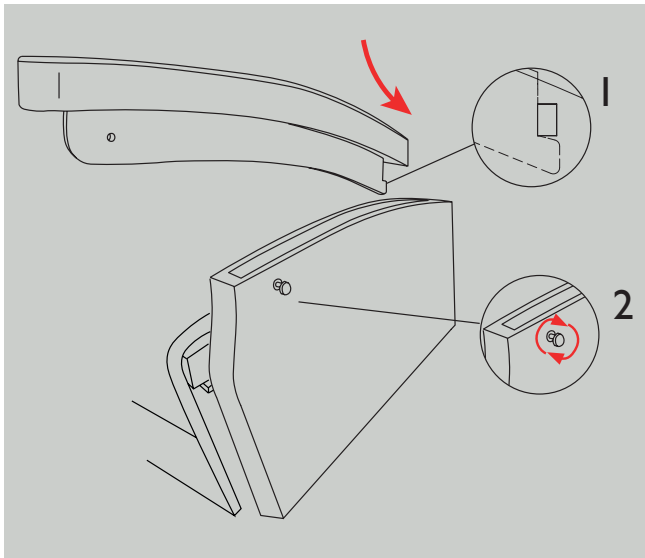


Image 2

To Install the arm tops, push them into the openings on the arms. Hook the lip under the bar at the rear of the arm (1) and then push the arm front into the arm. Tighten the thumb screw securely on the outside of the arm (2). We have added some photos that will assist you.

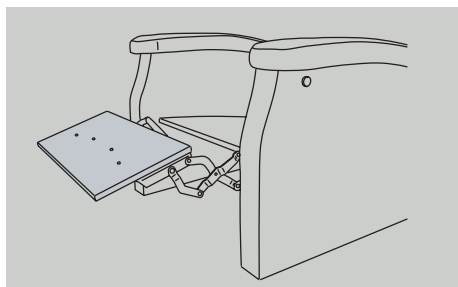


# Channelled Leg Rest Installation

There is the option to install a channelled leg rest which ensures a user's legs do not fall off the leg rest whilst they may be resting or sleeping.

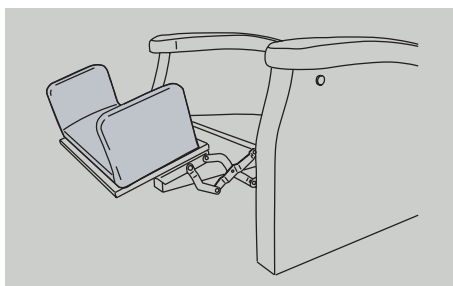


## Step 1



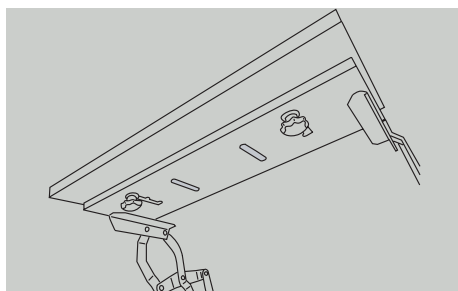
Remove the chaise and then extend / raise the leg rest so you can access the footplate from underneath.

## Step 2



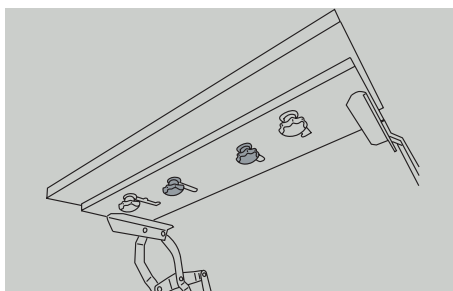
Position the channelled leg rest on the footplate so it can be secured from below.

## Step 3



On the underneath of the footplate you will find two central slots.

## Step 4



Through the slots screw the two wing knobs to securely fasten to the leg rest. Refit the chaise.

# Enclosure Skirt Installation

There is the option to fit an enclosure skirt, but only with the standard VAL fitting. The skirt hides the mechanism when the chair is either in the full rise or recline positions. It can provide additional safety for children and some pets from accessing the mechanism. Below is a set of images and instructions as to how it is fitted.

## Step 1

Put the chair into raised position and remove the footrest and chaise.



## Step 2

Lie the skirt out and identify the Rear. The front has a removable flap – Please attach if not already attached.



## Step 3

Lift the front of the chair up and slide the front of the skirt on – one side at a time.



## Step 4

Lift the rear of the chair up and slide the rear of the skirt on – one side at a time.



## Step 5

Attach rear bottom skirt Velcro (onto mechanism).



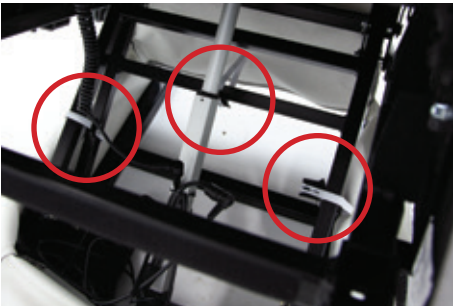
## Step 6

Attach side bottom (onto mechanism) and top (onto arm bottom) skirt Velcro.



## Step 7

Attach the internal elasticated Velcro x3 (onto mechanism).



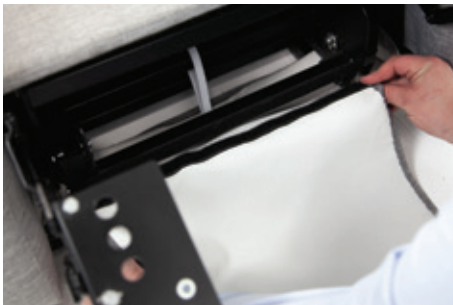
## Step 8

Attach rear top skirt Velcro onto mechanism.



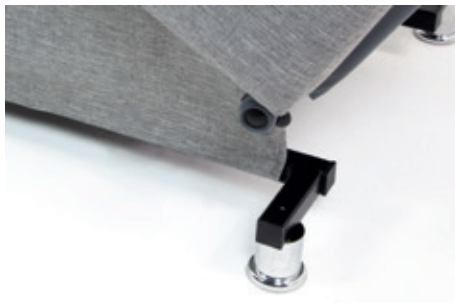
## Step 9

Attach front Velcro onto the front of the mechanism and then onto the underneath of the seat tray.



# Seat Height Adjustment – Fitting the Adjuster Feet

For a taller person the seat height and leg rest length can be adjusted. This will ensure that the user's feet can be placed flat on the floor and that they have the correct leg rest length to support the legs when the leg rest is elevated.

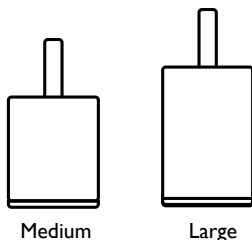


## Step 1

### Selecting the correct feet

There are two sets of feet that can be fitted that will raise the seat to two different heights as required (see feet combinations below). They are fitted as detailed in Steps 2 and 3. After adding the feet always ensure that the footplate is adjusted as shown in Step 3 and in line with the holes as indicated below a, b or c.

The two feet sizes.



### Standard seat height

No adjustment required Hole (a)  
on the footplate illustration – Step 3

### 1" Seat Height Adjustment

Medium x2 in the front / Medium x2 in the back  
Hole (b) on the footplate illustration – Step 3

### 2" Seat Height Adjustment

Large x2 in the front / Large x2 in the back  
Hole (c) on the footplate illustration – Step 3



## Step 2

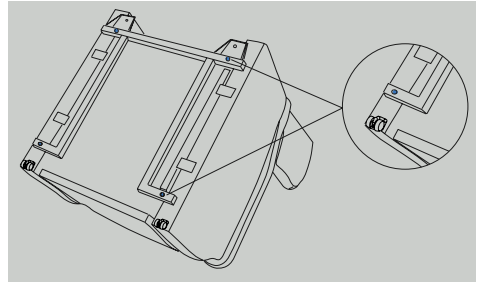
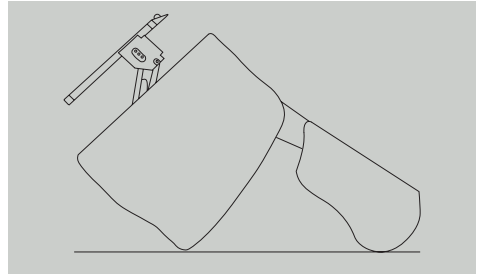
### Fitting the feet

Always ensure that any castors are locked before making any alterations. Ensure the area around the chair is clear of any obstructions as you firstly, need to tip the chair forward so it rests on the back and the arms.

When tipping the chair over ensure that you take care to protect the back and arms when they touch the floor. You can now access the base of the chair to fit the feet.

Select the correct set of feet. There is no need to remove the castors.

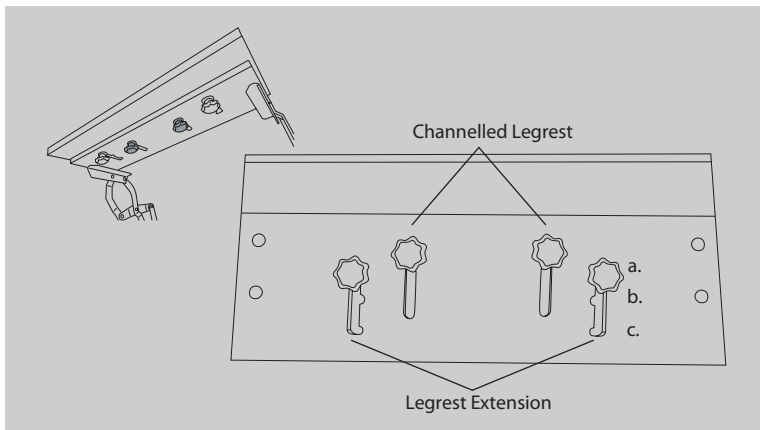
Screw the feet into the holes found at the front and rear of the underneath of the frame (Blue).



## Step 3

### Adjusting the footplate

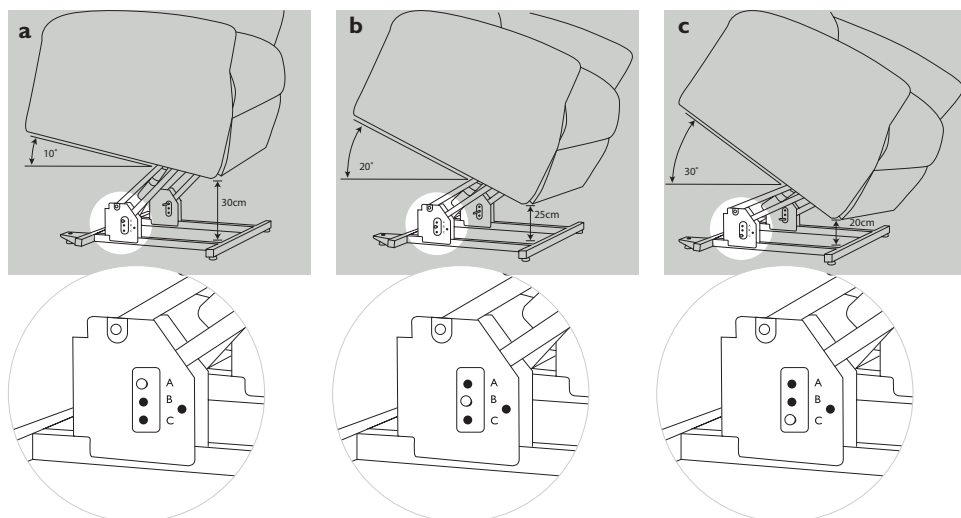
Set the chair upright. Extend the footplate into the raised position. On the back of the footplate there are two sets of adjuster screws. The central slots are used to attach the channelled legrest (p.37) and the outer slots are to extend/adjust the footplate. Loosen the footplate screws and slide to desired settings a, b or c in line with the increment that you have chosen: a – standard seat height, b should be used if you have used the medium set of feet and c if you have used the large ones.



# VAL Set-up

## VAL options

VAL (Variable Angle Lift) comes as standard on the 159 Kg (25 stone) (Medium and Large) models (not on the small) and it allows the rise angle to be set to support individuals to a standing position. Choose from three positions 10°(a), 20°(b) or 30°(c). The higher the angle the lower the front of the chair becomes, providing more support when moving from a sitting to a standing position. A simple pin system allows you to set the angle required. Please note – An enclosure skirt can only be fitted on the standard VAL setting (c).

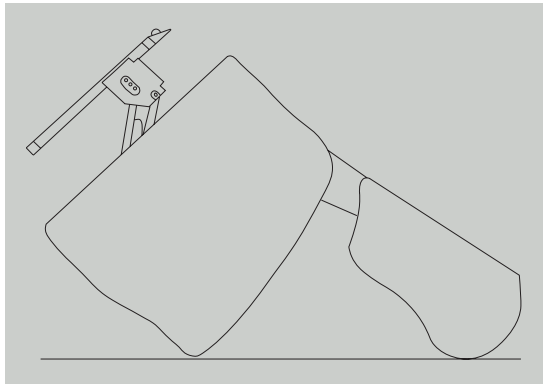


## VAL Technology - angle alteration

To alter the angle take the following steps. Ensure the area around the chair is clear of any obstructions as you firstly, need to tip the chair forward so it rests on the back and the arms.

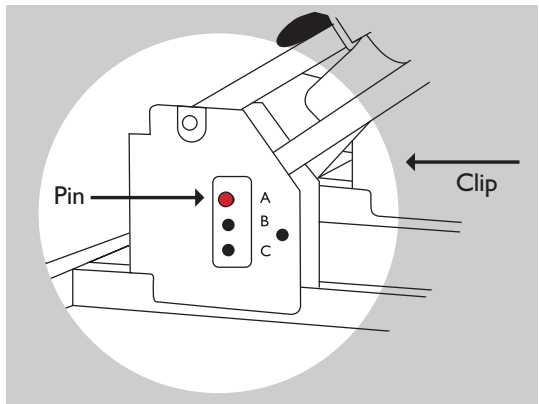
# Step 1

Tip the chair forward so it rests on the floor on both the end of the arms and top of the backrest ensuring that the pins on either side of the chair are visible. When tipping the chair over ensure that you take care to protect the back and arms when they touch the floor.



# Step 2

Remove the clips from both pins on either side of the chair. Then remove the pins and place the bar level with the required setting – a, b or c and then place the pins back into the required holes (same place on both sides).



# Step 3

Put the clips back into place on both sides.

# Step 4

Bring the chair back up to its normal resting position on its base.

# Seat Cushion Creation / Replacement

A range of seat cushions with different pressure management options are available for the Lynton. Some of these are supplied by Repose and the details of these are shown on page 49. They are supplied fully assembled and can therefore be easily fitted as per the instructions on page 19 of this user manual. However, you may want to change the seat cushion type within an existing cushion. These instructions explain how to do this, enabling you to change the pressure management features.

The instructions for changing the seat cushion option are different depending on which Repose cushion is selected.

## Step 1

### Remove the cover – what you see

On removing the seat cover you will see a foam box.

In the foam box there will be a seat cushion option fitted - see images (2) or (3). Depending on which cushion is fitted it will look slightly different.

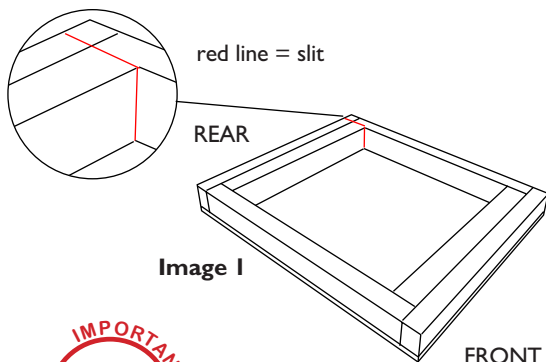


Image 1

Image 2 shows the situation if the Easiform, Firmaform or Liquiform cushions are fitted.

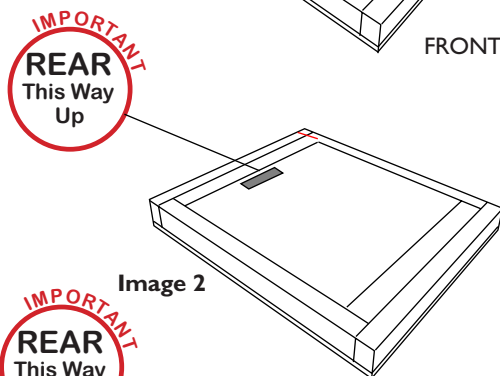


Image 2

Image 3 is what you would see if the Dynaform cushion is fitted with a separate oblong foam block fitted to the rear of the foam box (highlighted in green). Two important things which are consistent whichever seat cushion option is being fitted:

- The red slit (image 1) should always be positioned to the rear of the chair.
- The label "Rear this way up" (image 2) should always be face up at the rear of the foam box.

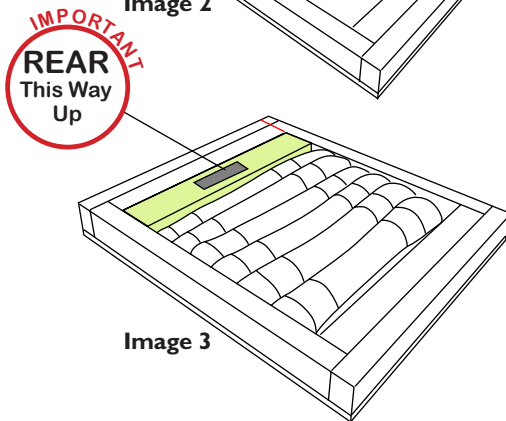


Image 3

## Step 2 - Cushion change / installation

### Easiform / Firmaform / Liquiform

To fit simply remove the existing cushion (and block if a Dynaform cushion is already fitted) and replace with new one (Image 4). See below for Dynaform cushion fitting.

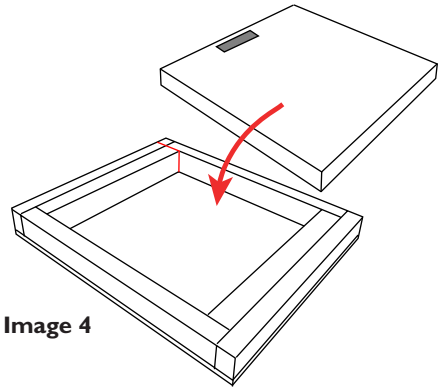


Image 4

### Dynaform

This is slightly different to the other cushions as an additional oblong foam block needs to be fitted to the rear of the foam box with the label in the correct position (highlighted in green). The six tube Dynaform cushion is attached to a sheet of plastic and the whole unit is then fitted into the remainder of the foam block (plastic underneath), as shown in image 5. The pipework is then fed out through the red slit at the rear of the foam block.

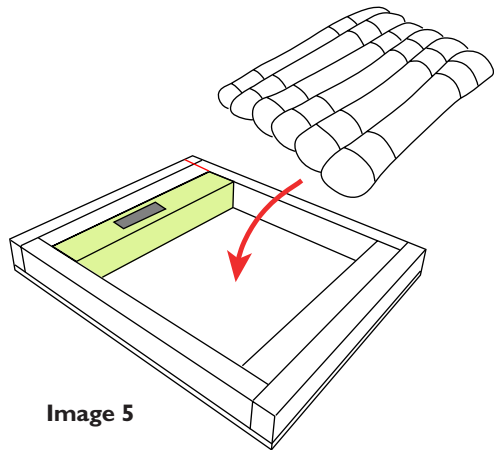
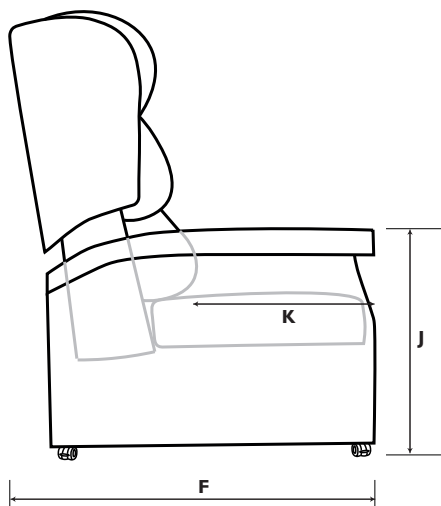
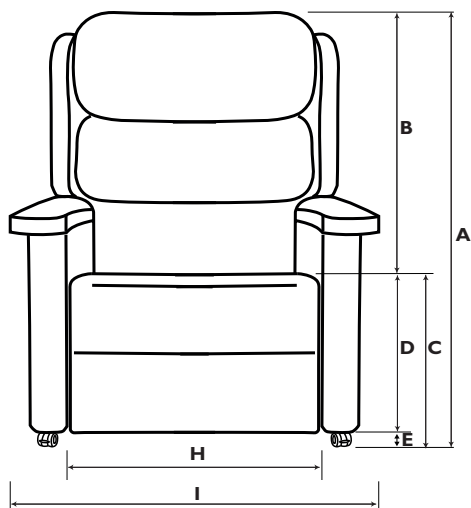


Image 5

# Chair Dimensions

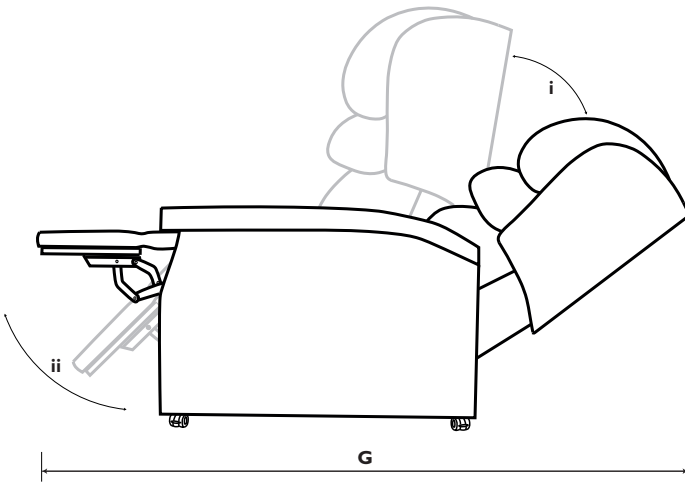


## Basic dimensions for Lynton

<b>A</b>	Overall height	1118mm	44"
		1130mm	44.5"
		1187mm	46.75"
<b>B</b>	Back height	711mm	28"
<b>C</b>	Seat height	457mm	18"
		470mm	18.5"
		502mm	19.75"
<b>D</b>	Foot top to seat	406mm	16"
<b>E</b>	Floor to foot top	51mm	2"
		64mm	2.5"
		95mm	3.75"
<b>F</b>	Overall length (normal seating position)	991mm	39"
<b>G</b>	Maximum overall length (full recline)	1753mm	69"

## Available seat and overall widths

<b>H</b>	Seat width	508mm	20"
		559mm	22"
<b>I</b>	Overall width	800mm	31.5"
		851mm	33.5"
<b>J</b>	Arm height	635mm	25"
		648mm	25.5"
		705mm	27.75"
<b>K</b>	Seat depth	457mm	18"
		508mm	20"



**Recline and tilt angles**

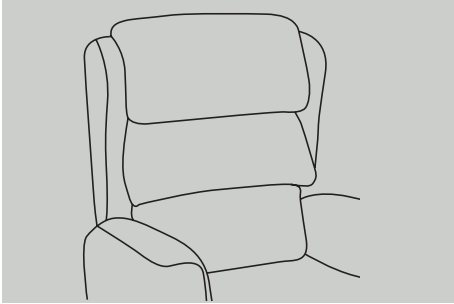
<b>i</b>	Back angle recline	93.5 -131°	37.5° range
<b>ii</b>	Leg rest angle	85° - 176.5°	91.5° range

**Important Notes:**

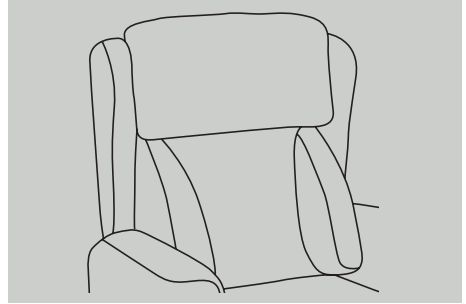
- Please note that depending on the seat cushion built into the chair the seat height may vary slightly from that shown opposite.
- All measurements are approximated as each chair may be slightly different when constructed.

# Back Cushion Range

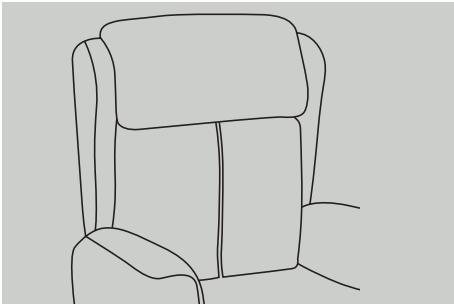
There are two main back options (1) and (2). Both of these options can be adapted respectively (3) and (4) below. All cushions are interchangeable:



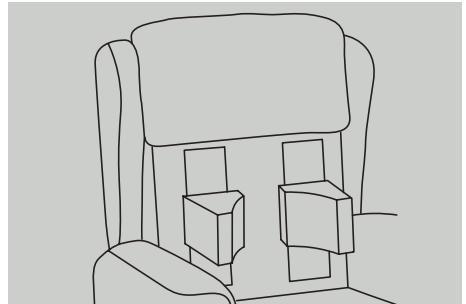
**1. Waterfall back**



**2. Support lateral back**



**3. Adjustable Waterfall back**



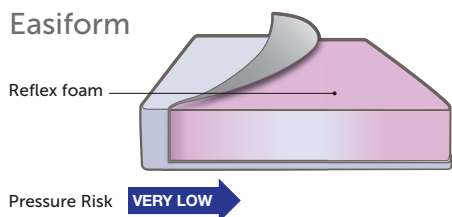
**4. Adjustable lateral back**

In addition, you can adapt both the waterfall and support lateral back cushions with the addition of a large profile headrest (see page 20 accessories).



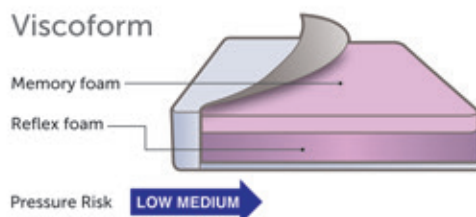
# Seat Cushion Range

There are four interchangeable seat cushion options depending on your postural and comfort requirements. They all have a pressure management range which is shown on the images below. For further details on the options please consult your supplier.



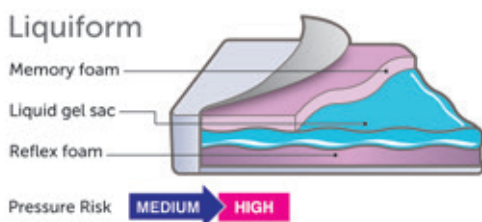
Our softest foam cushion with high quality Reflex foam filler for gentle comfort.

For ease of cleaning and replacement all seat cushions and covers are removable.



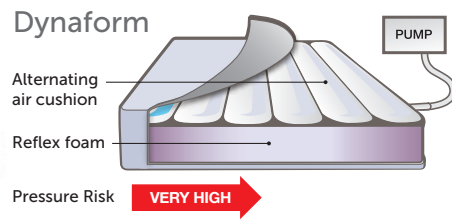
For those who have good posture and mobility but are seated for greater than one hour at a time and require pressure relief and supported comfort.

This cushion has a high-density foam base which offers a supportive and firm seat base with a top layer of memory foam to allow immersion into the cushion, giving stability and a large surface area to reduce pressure levels.



For those who have good posture and mobility but sit for long periods of time and require pressure relief and supported comfort. Recommended for people with limited muscle bulk or at risk of excessive weight loss.

This cushion has a high-density foam which offers a supportive and firm seat base. The foam is topped with a fluid liquid gel in a soft silicone cover which provides a high level of pressure relief. The liquid gel helps to dissipate heat and constantly adapts to the user's movement.



For those at very high risk of developing pressure sores or a history of sores where the highest priority is to prevent further pressure damage.

The Dynaform cushion is a dynamic alternating air cushion, which constantly changes the air levels within its air cells to recreate the effect of normal body movements, which provides constant pressure redistribution to prevent pressure build up.

Minimum weight of user 40 Kg (6 stone 4lbs)

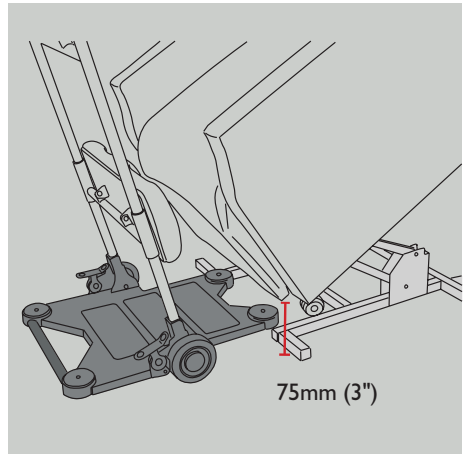
Maximum weight of user 121 Kg (19 stone)

# Standing Aids

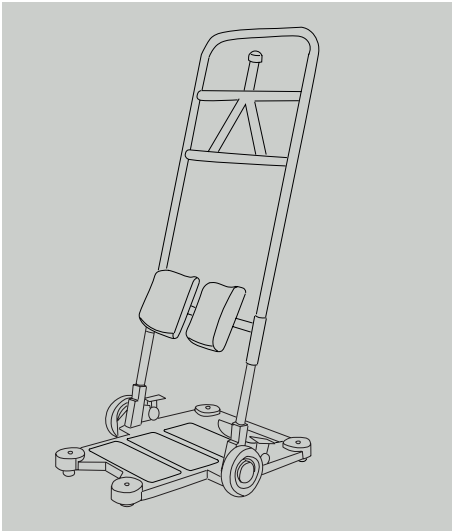
## Preparing the chair to receive a standing aid

To use your Lynton chair with a standing aid such as the Freeway Raiser ensure your chair has been put into the rise position with at least 75mm (3") between the chair and the floor. This is to allow the aide to fit under the chair safely with enough room to carry out any manoeuvres.

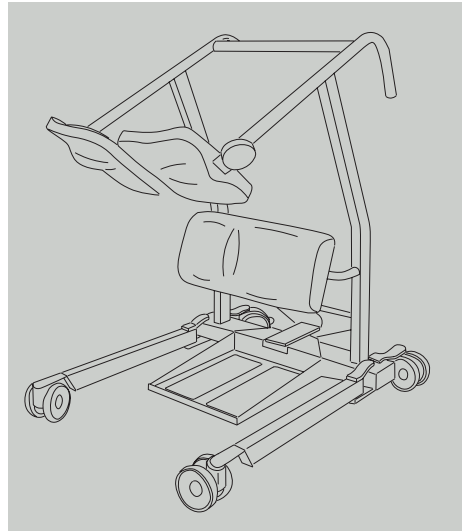
Please see your stand aid manufacturers user guide for how to safely operate the standing aid.



The Lynton is compatible with a number of standing aids, including:



Prism Medical UK Freeway Raiser  
**(Cannot be used with a low profile chair)**



Prism Medical UK Mackworth TA180  
Stand Aid & Transfer Assistant

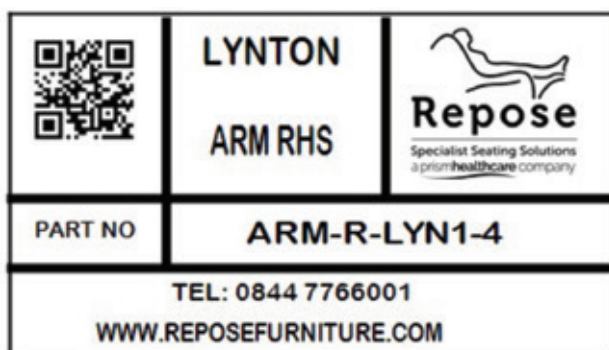
# Maintenance and Repairs

- **YOU ONLY USE** approved parts on your chair. These can be obtained through your supplier. Failure to use approved parts will **invalidate your warranty**.
- **YOU ALWAYS** get your supplier to carry out any repairs or fit new parts to the chair. **DO NOT** attempt to carry out your own repairs to the chair as this may invalidate your warranty.
- **YOU NEVER MAKE** any material design, mechanical or other modifications to the chair as this may affect the way in which the chair operates and the inherent safety features. It will also **invalidate your warranty**.
- **YOU PROVIDE** your original purchase invoice and unique chair batch number when ordering parts or when making a claim under your warranty.

## Part Numbering

Each component part of the chair has been allocated a part number. This is to aid the supplier/customer in replacing parts should the need arise.

Please see below an example of the type of label you will find which shows the part number.



Please contact [service@reposefurniture.co.uk](mailto:service@reposefurniture.co.uk) regarding any replacement parts, quoting the relevant part number.

For a full list of replacement parts please see the separate Lynton Parts List

Batch Number:

Supplier:



Repose Furniture Limited, Attwood House  
Cokeland Place, Cradley Heath, West Midlands  
B64 6AN

Tel: 0844 7766 001\*

Fax: 0844 7766 002\*

Email: [service@reposefurniture.com](mailto:service@reposefurniture.com)

\*Calls cost 7p per minute plus your networks access charge

Visit our website for more details  
[www.reposefurniture.com](http://www.reposefurniture.com)

