aidacare™
HEALTHCARE EQUIPMENT

FLX FLOORLINE BED

USER MANUAL



Thank you for choosing the
Aidacare FLX Floorline Bed.

This bed has been specifically designed to offer comfort, support and safety.

It is important that you read this user manual carefully before using your new bed.

This product features the CE mark, in compliance with the Medical Devices Regulation 2002 (as amended) Class 1, and the Medical Device Regulation 2017/745.

This product Features the UKCA mark, in compliance with Part II UK MDR 2002 (as amended) Class 1.

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Due care has been taken to ensure all the information contained in this user manual is correct at the time of printing. All measurements, pictures, colours, and weight capacities are to be used as a guide only. We reserve the right to modify the design or appearance of any product displayed in this user manual without prior notice.

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1. SYMBOLS USED IN THIS MANUAL

The symbols below are used throughout this owner's manual and on the product to identify warnings and important information. It is very important for you to read them and understand them completely.



Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage or malfunction. On the product, this icon is represented as a black symbol on a white triangle with a black border.



ALWAYS! These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white infinity symbol on a black dot with a white border.



DO NOT! These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol with a black circle and black slash.



MAXIMUM PATIENT WEIGHT. This weight represents the total maximum weight of a patient on the bed. This weight (210kg / 33st) should not be exceeded at any time.



SAFE WORKING LOAD (SWL). This weight represents the total maximum weight that the bed can carry, including patient, mattress, bedding, bed ends and accessories. This weight (275kg / 43.3st) should not be exceeded at any time.



Please scan the QR code or visit our website **aidacare.com.au** and search 'Aidacare FLX (BEB048600 or BEB048610)' to access product marketing and technical documentation.

2. SYMBOLS USED ON THE PRODUCT

aidacare HEALTHCARE EQUIPMENT **FLX PULL APART FLOORLINE BED** SINGLE

BEB048600 | BEB048600-UK

SN

AUSTRALIA | **Aidacare Pty Ltd** | ABN 40 134 398 833
Building 3A, 1 Moorebank Avenue, Moorebank NSW 2170
1300 133 120 | product@aidacare.com.au

=210kg / 33st

=275kg / 43.3st

UNITED KINGDOM | **Aidacare Ltd** | Registration 13785408
Arcadia House, Maritime Walk, Ocean Village,
Southampton SO14 3TL
01622 541235 | info@aidacare.co.uk

EC REP **European Healthcare & Device Solutions Ltd**
Stratton House, Bishopstown Road,
Cork T12 Y9TC Ireland
info@europeandevicesolutions.eu

CN **MADE IN PRC** It is recommended that you have this product serviced every 12 months

Please note: Sticker is sample only and not to scale

# Product Code	CE Mark
SN Serial Number	Read User Manual
Manufacturer	Caution
Importer	MD Medical Device
EC REP Authorised Representative in EU	=275kg / 43.3st Safe Working Load
CN Country of Manufacture	=210kg / 33st Maximum Patient Weight
UKCA Mark	Type B
Includes Electronics components and should be mixed with General household waste	Protective Earth (Ground)

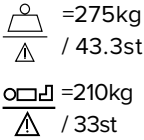
3. INTRODUCTION

The Aidacare FLX Bed is an electrically operated Floorline Bed offering functions and positional movements that assist caregivers and maximise patient comfort and safety. Ease of use, functionality, serviceability and cleaning practicality are key features of the bed. The bed has a welded steel structure with an anti corrosion treatment layer underlying the durable powder coated finish. The plastic components are made from urethane, PP and POM nylon and ABS plastic.

CLINICAL APPLICATIONS AND AREA OF USE

This bed is appropriate for adult patient care and should only be used under the instruction of a carer or health professional where concerns exist around patient safe use.

KEY FEATURES



Maximum safe working load (SWL) of the bed is 275kg / 43.3st with a suggested maximum user weight of 210kg / 33st which conservatively takes into account common accessories used with care beds such as alternating pressure mattresses, assist bars and foam mattresses.

- **ExitSafe** single button ingress / exit height
- **SmartDescent** automatically slows lowering speed from 300mm / 11.8" above floor level to lowest position. Designed to improve resident and carer safety whilst reducing potential for damage to equipment such as air mattress pumps becoming trapped under the bed
- Electrically adjusted height range from 105 – 750mm / 4" – 29.5"
- 75mm / 3" twin castors with single activation locking mechanism for ease of use
- Bilateral mattress retainers with length adjustable mattress extension retainer at foot end
- Four section electrically operated mattress platform with independent adjustment of backrest angle (maximum 62°) and knee section angle (maximum 40°)
- Integrated foot end extension extends the bed by 100mm / 4" or 200mm / 7.9"
- Can be pulled apart into two parts for ease of delivery, transport and storage (depending on serial number)
- Removable bed ends
- Auto-regression integrated into backrest reduces sacral pressure, shear forces and abdominal compression during bed profiling
- Large range of feature enhancing accessories

4. SAFETY PRECAUTIONS

This User Manual outlines the intended use of the Aidacare FLX Bed, the intended use constitutes how to achieve full functionality whilst maximising safety and efficiency for care staff and patients alike.

It is **important** that this User Manual is read in its entirety prior to operating the bed. The manual is designed to ensure that users are equipped with the information required to competently and responsibly operate the bed and its accessories.

It is recommended that the User Manual be kept in an easily accessible place for quick reference. If required, Aidacare product specialists can provide additional training.

All warnings and cautions within this manual should be strictly adhered to. Failure to do so could result in harm to the patient or operator.



WARNINGS highlighted throughout this document identify possible hazards in procedures or conditions which if not followed correctly could result in serious injury, or fatality.



CAUTIONS highlighted throughout this manual identify possible hazards in procedures or conditions, which if not followed correctly could result in equipment damage, or failure.

GENERAL

- Electrical equipment can be hazardous if used incorrectly.
- Residual current devices (RCD) are not supplied with FLX Beds. Please consult with your Biomedical Engineer/advisor concerning RCD requirements.
- The clinically qualified person responsible should consider the age, size and condition of the patient before using the bed and its accessories.
- The maximum safe working load of the FLX Bed is 275kg / 43.3st and includes the mass of the patient, mattress and any accessories fitted to the bed.
- The maximum suggested standard mattress thickness for use with the FLX Bed is 150mm / 6" (foam mattresses) and 200mm / 7.9" (alternating mattress replacements).
- The bed should only be used with approved accessories. Contact Aidacare for a full list of approved accessories.
- If a patient's condition could lead to a possible entrapment the mattress support platform should be left in the flat position whilst unattended.
- To ensure safe functioning of the bed electronics, the electronic system must be reset when any changes are made to it. Changes are defined as:
  - Mains power is lost (power outage, turned off/on, mains cable is unplugged).
  - Component cabling is disconnected from or connected to the control box or junction box.

  Refer to section 8.4 to complete the electronic system reset.



ALWAYS position the bed at its lowest height when unattended by caregivers to minimise the risk of patient injury from falls when getting in and out of the bed.



ALWAYS use the **ExitSafe** Button whenever the patient is entering or exiting the bed to ensure transfers are completed at a safe height to minimize falls risk.



ALWAYS use a mattress of appropriate size and type. A range of suitable pressure reducing and pressure relieving mattresses are also available from Aidacare.



ALWAYS make sure that the patient is safely positioned to avoid entrapment before operating the bed.



ALWAYS ensure that attendant and patient limbs are free from potential entrapment areas before operating any functions.

ALWAYS use the **ExitSafe** Button when treating a patient or transporting the bed to avoid unnecessary bending/stooping by care staff.

ALWAYS apply the brakes at the hend and foot ends of the bed when the bed is stationary.

ALWAYS apply the central locking brakes at the foot end and the individual locking brakes at the head end when bed is stationary and/or left unattended (whether in use or during transport). This will prevent unintended bed movement during use, care giving, ingress/egress and in storage).

ALWAYS unlock brakes at either foot end or head end during Trendelenburg and Chair movements to allow castors to adjust during movement. Always lock the brakes at end of movement.

ALWAYS store the handset when not in use to avoid accidental operation of the beds functions. The handset can be stored by hooking it on to the side rail of the bed or positioning it in the handset holder bracket (additional accessory).

ALWAYS ensure that all drips and drains (hospital lines) and power cables are free from possible entanglement with mechanical parts of the bed.

DO NOT place the handset, or power cord across the mattress surface of the bed when the bed is not connected to mains power. Always store the power cord using the fastening straps provided.

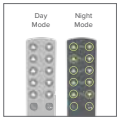
DO NOT use electrically operated beds in the presence of flammable gases.

DO NOT use the bed to support more than one patient. FLX Beds are intended for single person use and may become unstable if used incorrectly. Usage outside of intended design will void all warranties associated with this product.

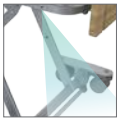
DO NOT use accessories that are not designed, or approved for use with FLX Beds.

5. OVERVIEW

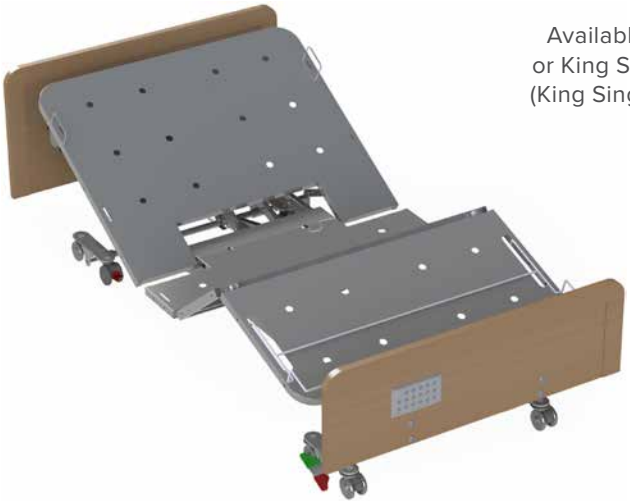
The Aidacare FLX Bed has been designed specifically for the aged care environment. Please take the time to familiarise yourself with the key components shown below:



Backlit Handset



Under-Bed Light

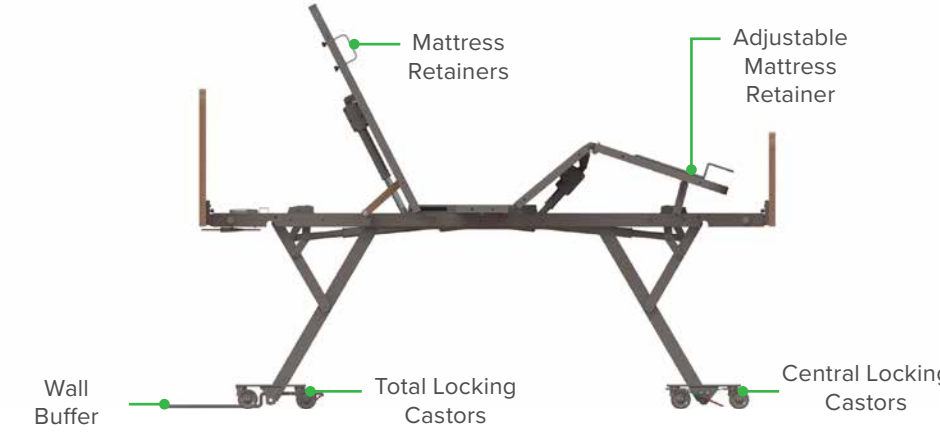


Available in Single or King Single widths (King Single pictured)

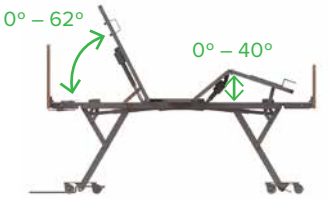
Can be pulled apart into two pieces in the middle of the bed for ease of transport, delivery and storage



Attendant Control Panel (included with bed end accessories)



6. SPECIFICATIONS



NOTE: Backrest and knee bend angle is the same across both Single and King Single beds.

Dimensions

	Overall Length	Overall Width	Overall Height	SWL
Single:	2130–2330mm 83.9"–91.7"	964mm 40"	105–750mm 4"–29.5"	275kg 43.3st
King Single:	2130–2330mm 83.9”–91.7”	1124mm 44.3"	105–750mm 4”–29.5”	275kg 43.3st

Mattress Size

MODEL	Single	King Single
Recommended Mattress Size Maximum Mattress Depth	Width = 900mm / 35.4"	Width = 1060mm 41.7"
	Length = 2000mm / 78.7"	
	Foam Mattress = 150mm / 6" Alternating Air Replacement Mattress = 200mm / 7.9"	

Bed Weight & Safe Working Load

Bed Weight – Single	105kg / 231.5lbs	
Bed Weight – King Single	115kg / 253.5lbs	
Maximum weight (Heaviest part once pulled apart)	Single	King Single
	55kg / 121lb	58kg / 128lb
SWL (Safety Factor 2 x SWL)	275kg / 43.3st	
Max User Weight	210kg / 33st (makes allowance for accessories like mattresses, air mattresses and pumps, bed poles etc.)	

Electrical Parameters

Power Input	240V AC 50Hz, Max current 400mA
Rate Load	Interruption 10%, Max 2 minutes / 18 minutes
Leakage Protection	Class II Type B
Waterproof Grade	IP54

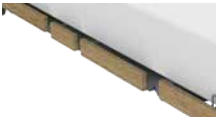
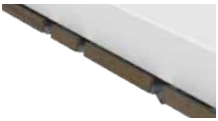
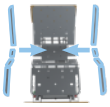
Standards Compliance

Aidacare FLX Beds are designed and manufactured where required in compliance with International Medical Device Safety standard IEC60601-2-52. All electronics are designed for use in Acute Care environments and comply with relevant Electrical Safety Standards.

7. ACCESSORIES

A range of FLX Bed accessories are available. In addition to the below listed accessories, Aidacare specialises in other complimentary products such as foam mattresses, pressure care surfaces, over bed tables, side lockers and adjustable day chairs. Please contact Customer Service on 1300 133 120 for further information.

Code	Description	
BEB048700 BEB048710	Bed End Set – Single – Como – Teak Bed End Set – King Single – Como – Teak	
BEB048701 BEB048711	Bed End Set – Single – Como – Milano Bed End Set – King Single – Como – Milano	
BEB048785 BEB048915 BEB048750 BEB048770 BEB048740 BEB048735	Full Length Rails (2m) – Set of 4 – Sublime Teak Full Length Rails (2.2m) – Set of 4 – Sublime Teak Bed End Set – Single – Sublime Teak Bed End Set – King Single – Sublime Teak Bed End Holders (for 2m long rails) Bed End Holders (for 2.2m long rails)	
BEB048790 BEB048910 BEB048755 BEB048775 BEB048740 BEB048735	Full Length Rails (2m) – Set of 4 – Milano Walnut Full Length Rails (2.2m) – Set of 4 – Milano Walnut Bed End Set – Single – Milano Walnut Bed End Set – King Single – Milano Walnut Bed End Holders (for 2m long rails) Bed End Holders (for 2.2m long rails)	
BEB048801 BEB048806	**Telescopic Side Rails Full Kit** – Sublime Teak **Telescopic Side Rails Full Kit** – Milano Walnut	
BEB048811 BEB048816	**Telescopic Side Rails (1/3) & Trim Full Kit** – Sublime Teak **Telescopic Side Rails (1/3) & Trim Full Kit** – Milano Walnut	

Code	Description	
BEB048821 BEB048826	**Telescopic Side Rails (2/3) & Trim Full Kit –** Sublime Teak **Telescopic Side Rails (2/3) & Trim Full Kit –** Milano Walnut	
BEB046265	Bed Side Set – Sublime – Teak	
BEB046275	Bed Side Set – Milano – Walnut	
BEA829140 BEA829145	Self Help Pole Mounting Bracket & Hardware – For Self Help Pole & IV Pole	
BEA029710 GSP390370	IV Pole Mounting Bracket & Hardware – IV Pole Only	
BEB046505	Width Extension Kit	
BEB046520	Grab/Assist Bar Folding - Single	
BEB046525	Split Folding Grab Rails (Pair)	

BEB046592	Battery Backup	
BEB046616	USB Port Upgrade Kit	
BEB046630	Directional Castor (Replaces Total Locking Castor at Head End)	
BEA030030	Handset Holder	

WARNING

Do not use accessories that have not been designed for use with FLX Beds.

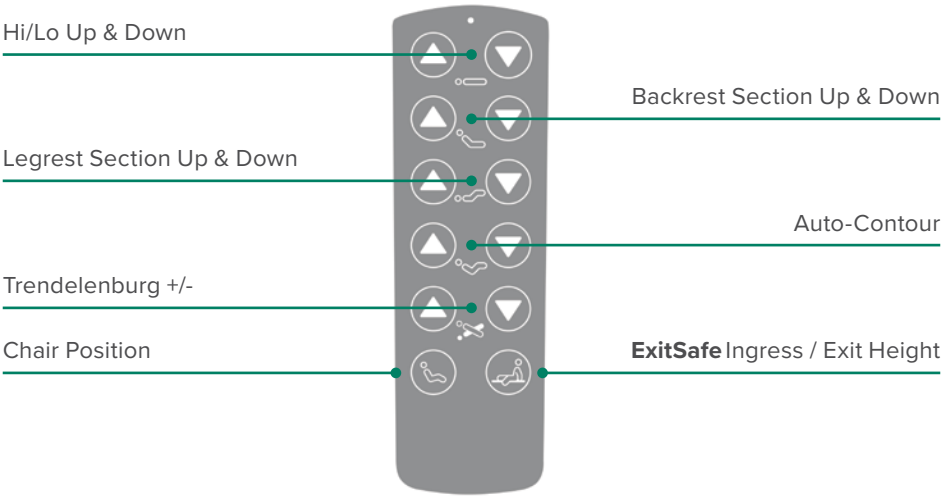
8. ELECTRONIC FUNCTIONS

WARNING

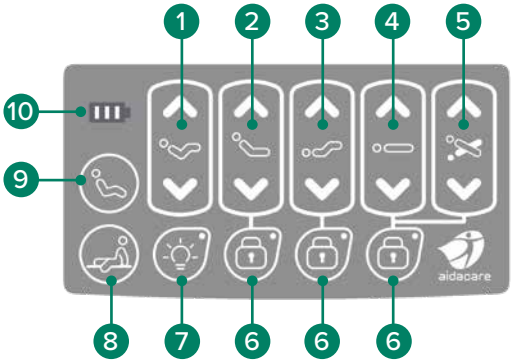
- Ensure the patient, caregivers and/or equipment is positioned to avoid being trapped or crushed during bed adjustment.
- Ensure the power lead is not stretched excessively.
- Ensure the handset and electrical leads cannot become entangled with moving parts of the bed.
- **DISCONNECT** the power lead from the mains and stow before transporting the bed.
- If the power lead shows any sign of damage, replace immediately.
- Ensure safety key is removed when handset is not in use.

8.1 HANDSET OPERATION

FLX Beds are powered by four electric rated actuators, which are controlled by the Handset or Attendant Control Panel. Adjustment occurs only while a button is pressed. Adjustment will stop when the button is released, or the selection reaches the end of its range.



8.2 ATTENDANT CONTROL PANEL (ACP) OPERATION



1 

Auto-Contour: Conveniently positions patient into cardiac chair position for therapeutic benefit and assists in preventing skin shear/patient sliding down the bed when raising backrest.

2 

Backrest Section: Controls the backrest angle from horizontal up to a maximum of 62°

3 

Knee Break Section: Allows for knee positioning up to 40° for increased user comfort and pressure therapy relief. The ratchet legrest can also be enabled by hand to further increase comfort.

4 

Hi/lo with SmartDescent: Positions the bed to the desired height from 105-750mm / 4"–29.5". The bed automatically halves its rate of descent from 300mm / 11.8" to lowest position to minimise the risk of entrapment or damage to low lying items such as mattress pumps.

5 

Trendelenburg +/- : Facilitates overall +ve or -ve tilting of the bed from -12° to 12° from horizontal.



ALWAYS unlock the central locking brakes when activating Trendelenburg positioning to allow legs to move and adjust during movement.



ALWAYS lock central locking brakes at foot end and total locking castors at head end at the end of movement.

6 

Patient Lock Out: Locks handset out of specific function.

7 

Underbed Light: Creates a subtle glow on the floor near the bed end for carers and users during the night.

8 

ExitSafe Ingress / Exit Height: Flattens the mattress surface and then raises the bed to the optimal height for entry/exit from the bed. This height is ideal for manutention/manual handling by carers and also facilitates CPR if required.

To adjust the exit height for the user raise or lower bed to desired height then simultaneously press ExitSafe Ingress/ Exit Height and Trendelenburg Down buttons for 5 seconds. Handset top LED will blink indicating the new height has been written to memory. The new ExitSafe height is now ready to use.

9 

Chair Position: Raises backrest and legrest into cardiac chair orientation and then tilts bed forward into an upright dining position.



ALWAYS unlock the central locking brakes when activating Chair positioning to allow legs to move and adjust during movement.



ALWAYS lock central locking brakes at foot end and total locking castors at head end at the end of movement.

10 

Battery Power Indicator: Illuminates on start-up, but thereafter only if optional battery backup is installed.

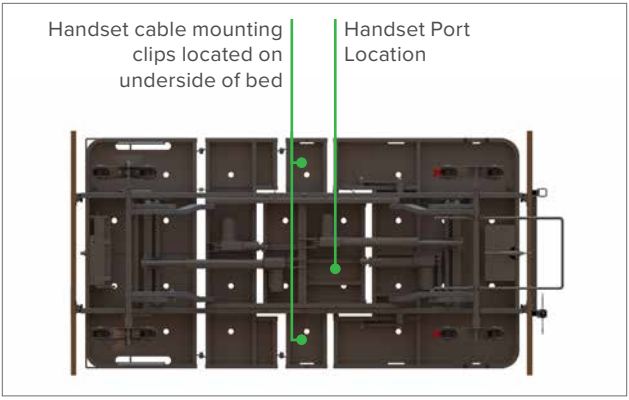


Care should be taken whilst operating the bed functions to ensure hands and fingers are free from potential squeeze hazards.

8.3 INSTALLING THE HAND CONTROL

The FLX bed handset mounts into a receiver in the middle of the bed, allowing for it to be used from either side of the bed.

Once handset is mounted into receiver, choose which side of the bed the handset is to be used on and mount the cable to the mounting clip located either side of the bed.



8.4 RESETTING THE ELECTRONIC SYSTEM

To ensure safe functioning of the bed electronics, the electronic system must be reset when any changes are made to it.

Changes are defined as:

- Mains power is lost (power outage, turned off/on, mains cable is unplugged).
- Component cabling is disconnected from or connected to the control box or junction box.

To complete the reset procedure, simultaneously press hi-lo up and hi-lo down buttons for 5 seconds. Continue pressing while the bed moves on its own (and calibrating the system) until the bed stops moving and the handset top LED flashes 3 times. The electronic system is now reset.

9. ASSEMBLY

9.1 FLX BED CONTENTS

The FLX Bed comes securely packaged in a cardboard carton. The outside of the carton is protected by corner and centre stabilisers for rigidity to avoid compression and damage in shipping. The FLX Bed should arrive to you in pristine condition, ready for immediate assembly and installation.

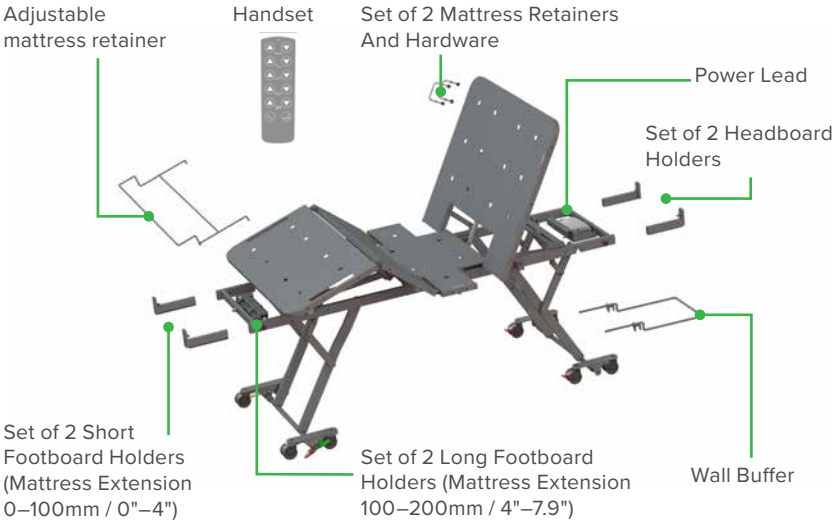
Contents:

- 1 x FLX Bed
- 1 x Set of 2 x Mattress retainers and hardware
- 1 x Adjustable mattress retainer
- 1 x Wall buffer
- 1 x Handset (located under the backrest)
- 1 x Set of 2 x head and footboard holders
- 1 x Set of 2 x long footboard holders (attached to frame under leg section)

NOTE: head and footboards sold separately.

WARNING

The FLX Bed is a large piece of advanced medical equipment requiring special attention and careful handling at all times.



Depending on the situation, appropriate powered or manual lifting, handling or moving assistance equipment includes but is not limited to:

- Forklift
- Walkie Stacker
- Hydraulic Pallet Jack
- Hydraulic Lift Trolley
- Goods Trolley
- Tail Gate Loader



Always use appropriate manual and powered handling techniques and equipment.



ALWAYS be aware of sharp items in packaging materials, handle and dispose or recycle appropriately.



Always wear appropriate protective clothing and eye goggles.



Always use cut-proof gloves when handling or cutting steel or plastic carton strapping.

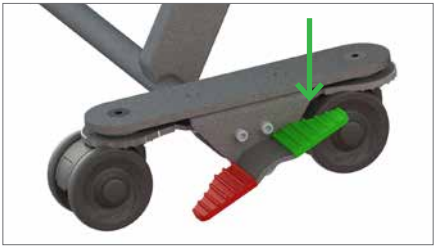


Do not attempt to lift an FLX Bed manually without appropriate equipment.

9.2 FLX BED ASSEMBLY

A. Unpack Bed, Plug In, Raise and Move:

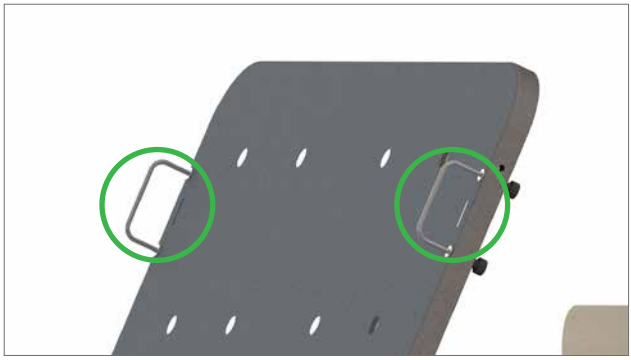
1. Using appropriate equipment lower the bed carton onto a hard flat surface.
2. Carefully remove strapping and external dunnage materials, remove the carton lid and remove internal dunnage materials.
3. Locate all component packets as per carton contents.
4. Flatten the sides of the carton base.
5. Plug in Power Lead. To locate it, lift up the mattress platform head section. Undo zip tie to release the power lead.
6. Ensure the bed is free of encumbrance or obstacles – press the hi/lo up button on the handset and raise the bed to an appropriate height (600–700mm / 23.6"–27.6" recommended) so as to fit Mattress Retainers, Head & Foot Board Holders and Wall Buffer.
7. Unlock central locking brake at the foot end by pressing the green pedal and unlock the locking castors at the head end by lifting the locking tab.
8. Roll the bed out of the flattened carton and position or move the bed as desired.
9. Remove remaining dunnage and wrapping and other materials such as protective foam and zip ties.





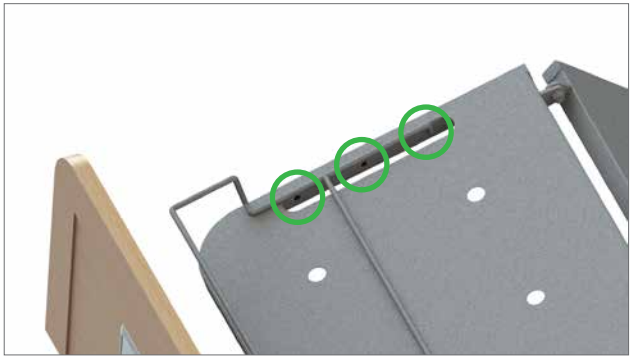
B. Mount Mattress Retainers (Backrest End):

1. Unpack the set of Mattress Retainers and hardware.
2. Insert vertically through holes on the Mattress Platform sides. Fasten firmly with hand from beneath.



C. Mount Adjustable Mattress Retainer (Foot End)

1. Unpack the Adjustable Mattress Retainer.
2. Insert mattress retainer ends into 1 of the 3 receiving holes which are 100mm / 4" spaced at the foot end of the mattress platform to match the desired bed extension (nil, 100mm / 4", 200mm / 7.9").
   Insertion may require lightly squeezing the retainer to fit. Lower the retainer to the mattress platform.



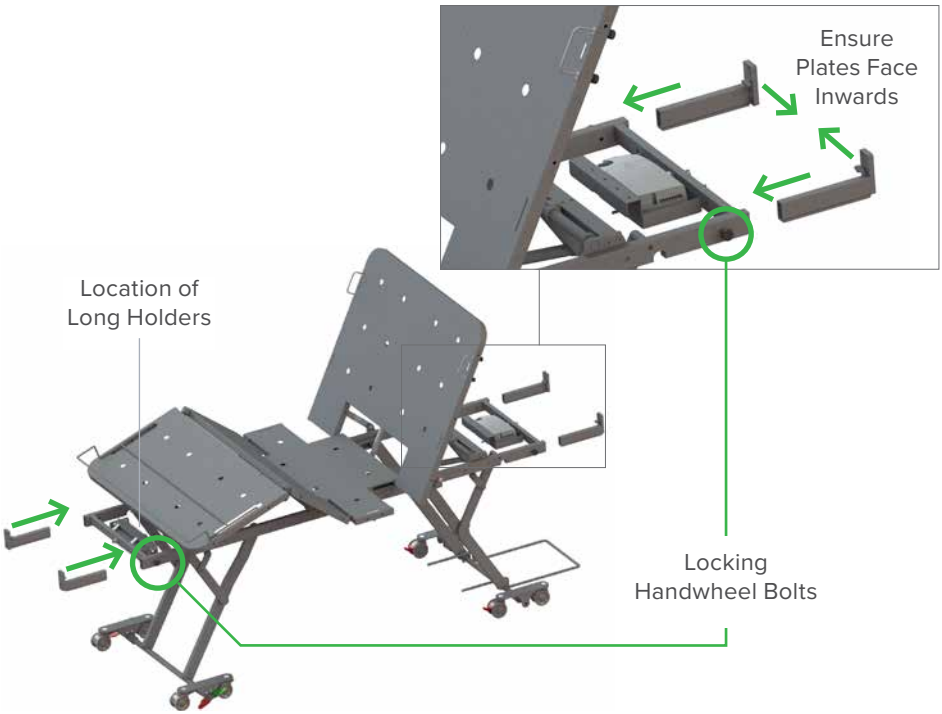
D. Mount Head and Footboard Holders:

1. Unpack the Head and Footboard Holders.
2. Loosen handwheel bolts located on the frame at the head and foot ends of the bed (4 positions).
3. Slide the holders into the frame at the head and foot ends, ensuring that the plates face towards each other.

   NOTE:

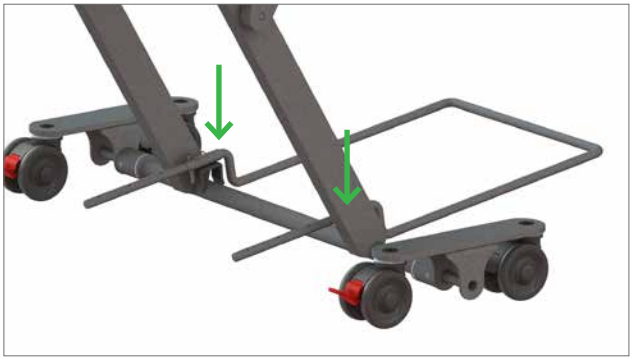
   a. If a mattress extension length of 0 or 100mm / 4" is desired, use the holders from the box.

   b. If a mattress extension length of 100–200mm / 4"–7.9" is desired, use the longer holders located under the legrest and ensure the shorter holders are placed under the legrest for future use.
4. Slide the holders fully at the head end.
5. Slide the holders to desired mattress extension length at the foot end.
6. Tighten handwheel bolts to lock position.



E. Mount and Adjust the Wall Buffer

1. Unpack the Wall Buffer.
2. To fix onto frame, simply click buffer's U-brackets to the rear axle of the frame. Press firmly to ensure buffer is firmly held in place.
3. Adjust the length of the wall buffer by pulling the locking pins out, sliding the buffer to desired position and locking again with the two pins.



F. Adjust Length of Power Lead

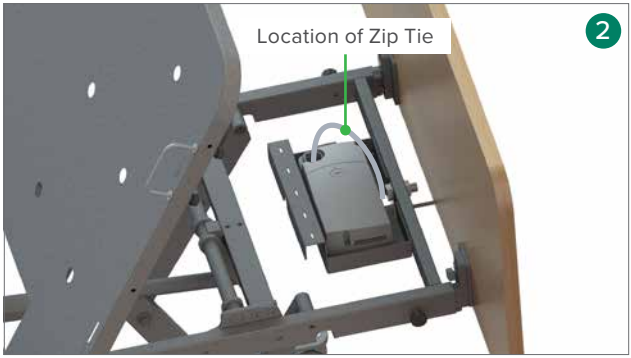
The power lead length out of the bed can be extended by 200mm / 7.9" to allow it to reach power outlets further away from the bed.

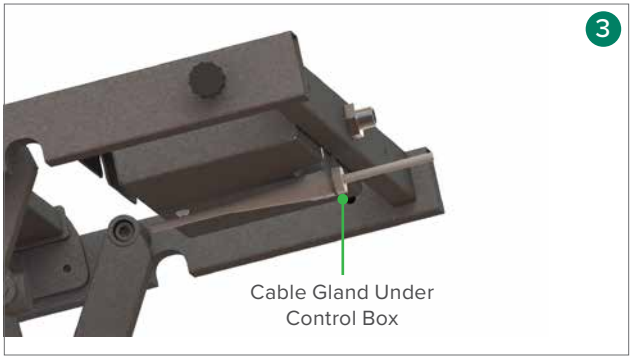
WARNING

DO NOT extend the power lead unnecessarily as this may allow the power lead to curl back under the bed and get caught in the bed mechanism. Care must be taken to ensure this is not possible prior to using the bed and after every subsequent bed relocation.

To extend the power lead:

1. Raise the backrest to maximum height.
2. Locate and cut the zip tie holding the power lead's excess cable to the frame.
3. Loosen the cable gland holding the power lead to frame.
4. Pull power lead through cable gland to desired length.
5. Tighten cable gland to hold power lead in place.
6. Test bed through both its hi-lo and backrest movement range and ensure the power lead does not get pinched or crushed by the frame. Any excess and loose power cord remaining between the cable gland and control box must be secured to the frame to prevent unintentional movement.





G. Position the bed:

You may position the bed as desired however it is recommended that if the head end is positioned against a wall, the wall buffer should be in contact with both the floor and wall or skirting board.

1. If necessary, gather and fasten excess ACP or power leads away from encumbrance with moving parts.

9.3 HEAD AND FOOT BOARD ASSEMBLY (Sold Separately)

The Head and Foot Board attachment system is designed to allow quick and secure fitting of Head and Foot Board options as well as customised options to suit any interior design specifications.

Carton Contents (size and colour is SKU dependent):

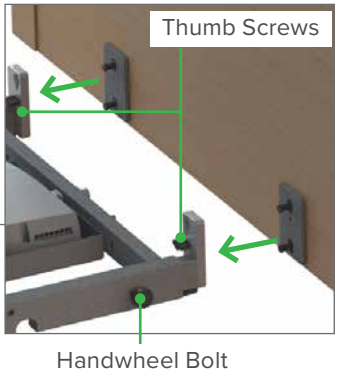
- 1 x Headboard with mounting brackets pre-fitted
- 1 x Footboard with mounting brackets pre-fitted and with or without attendant control panel pre-fitted



Assembly of Head and Footboards:

1. Locate head and footboard holders on the frame (see section 8.1).
2. Untighten the handwheel bolt locking the holders in place.
3. Loosen the thumb screws on the board holders.
4. Bring the head board up towards the headboard holders.
5. Align the pins on the headboard with the receiver holes in the holders. Insert pins and press down on board so that the pins drop into the keyhole. Ensure all four pins are located in the keyholes.
6. Tighten thumb screws to lock headboard in place.
7. Slide headboard all the way in.
8. Repeat steps 4-6 with the footboard.
9. Slide footboard to desired mattress extension length.
10. Tighten 4 x handwheel bolts to lock board holders in place.
11. Plug ACP lead to ACP port located under the legrest of the bed.
12. Gather and zip tie excess ACP lead to frame if required.





9.4 SIDE PANEL ASSEMBLY (Sold Separately)

The FLX Side Panels are designed to match the FLX Head and Foot Board options for a complete surround finish. They can also be customised to match customised Head & Foot Boards to suit any interior design specifications.

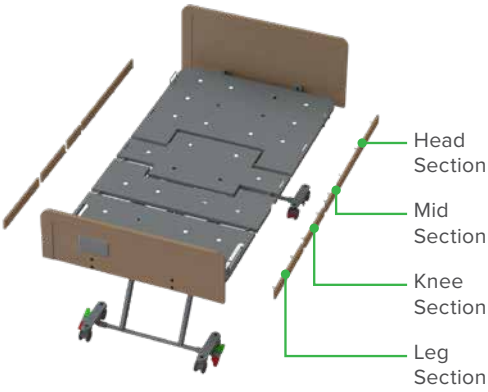
The FLX Side Panels are designed to move independently with each bed platform section they are attached to.

Contents (colour is SKU dependent):

- 1 x HEAD section LEFT (longest) – unique to this section and side
- 1 x HEAD section RIGHT (longest) – unique to this section and side
- 2 x MID section LEFT/RIGHT (shortest) – fits left/right side of this section
- 2 x KNEE section LEFT/RIGHT (second shortest) – fits left/right side of this section
- 1 x FOOT section LEFT (second longest) – unique to this section and side
- 1 x FOOT section RIGHT (second longest) – unique to this section and side
- 18 x Bolts

Assembly of Side Panels:

1. Remove any accessories attached to the side of the bed frame (e.g. rails).
2. Ensure the panels are matched to the correct platform section and left/right side as per the list above – some are unique to SECTION AND LEFT/RIGHT side.
3. Place the panel on the matching platform section. The top of the panel should **sit 10mm above** the top of the mattress platform.
4. Line up the panel nutserts with the holes in the bed frame.
5. Insert the bolt through the hole and screw into panel nutsert.
6. Fasten firmly.
7. Repeat for all panels – check to ensure all are correctly attached upon completion.



9.5 SELF HELP AND IV POLE MOUNTING BRACKET ASSEMBLY (Sold Separately)

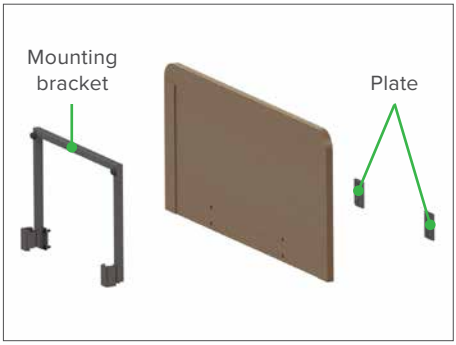
The self help and IV Pole mounting bracket provides a secure and strong location to mount a self help-pole (BEA829140) and IV pole (BEA029710) onto the bed.

Contents:

- 1 x Self Help Pole Mounting Bracket
- 4 x Bolts

Assembly of Mounting Bracket:

1. Remove headboard from bed.
2. Undo the bolts that hold the plate onto the headboard.
3. Place the mounting bracket on one side of the headboard and the original plates on the opposite side. Affix the mounting bracket and plates using the provided bolts and tighten.
4. Mount the headboard back onto the bed (see section 8.3) and lock in position.





9.6 SELF HELP POLE ASSEMBLY (Sold Separately)

The Self Help Pole (SHP) provides an overhead patient support or manoeuvring handle to assist with repositioning.

The Self Help Pole is designed to attach to the Aidacare AC4 and FLX Beds. However, while the AC4 bed already has receiver tubes attached to the bed frame, the FLX bed requires assembly of Mounting Bracket & Hardware Kit (BEA829145) before the Self Help Pole can be mounted.

WARNING

Be aware of encumbrances such as walls, cupboards, curtains, lights etc. when manoeuvring the bed with a Self Help Pole. Pay particular attention when tilting the bed or using the Trendelenburg or reverse Trendelenburg functions (where available).

WARNING

Self-help poles must never be used with unsupported user weight (their entire weight on it). So, the user should always be supported by bed when using it.

Contents:

- 1 x Self Help Pole

Assembly of Self Help Pole:

1. If assembling onto Aidacare FLX or FLX beds: ensure the Self Help and IV Pole Mounting Bracket (BEA829145) is assembled onto bed prior to fitting the Self Help Pole.
2. Slide the Self Help Pole into the receiver brackets on the Self Help and IV Pole Mounting Bracket. Push down to ensure correct fitment.



9.7 IV POLE ASSEMBLY (Sold Separately)

The IV Pole provides a telescoping height adjustable hanger for tubes, bags and other equipment.

The IV Pole is designed to attach to the Aidacare AC4 and FLX Beds. However, while the AC4 bed already has receiver tubes attached to the bed frame, the FLX bed requires assembly of Mounting Bracket & Hardware Kit (BEA829145) before the IV Pole can be mounted.

WARNING

Be aware of encumbrances such as walls, cupboards, curtains, lights etc. when manoeuvring the bed with a IV Pole. Pay particular attention when tilting the bed or using the Trendelenburg or reverse Trendelenburg functions (where available).

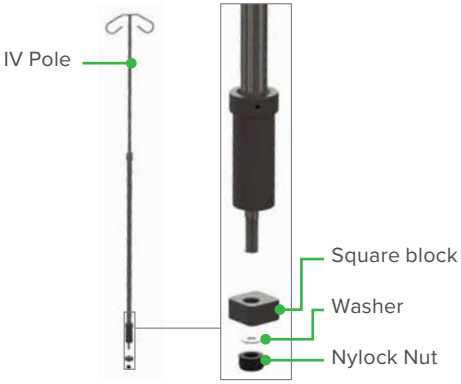
WARNING

IV Pole Safe Working Load is 10kg / 1.5st only.

DO NOT exceed this load at any time.

Contents:

- 1 x IV Pole
- 1 x nylock nut
- 1 x washer
- 1 x square block



Assembly of Self Help Pole:

1. If assembling onto Aidacare FLX or FLX beds: ensure the Self Help and IV Pole Mounting Bracket (BEA829145) is assembled onto bed prior to fitting the IV Pole.
2. Undo the nylock nut and washer at the bottom of the pole and remove the square block.
3. Slide the IV Pole into the receiver brackets on the Self Help and IV Pole Mounting Bracket on the bed. Push down to ensure correct fitment.
4. Mount the square block followed by washer and nylock nut from underneath the bracket and lock in place.



9.8 KING SINGLE CONVERSION KIT ASSEMBLY (Sold Separately)

The FLX King Single Conversion Kit is designed to retrofit a Single FLX bed into a King Single. This kit should not be used to extend the width of a King Single bed.

King Single FLX beds are available separately (BEB048610).

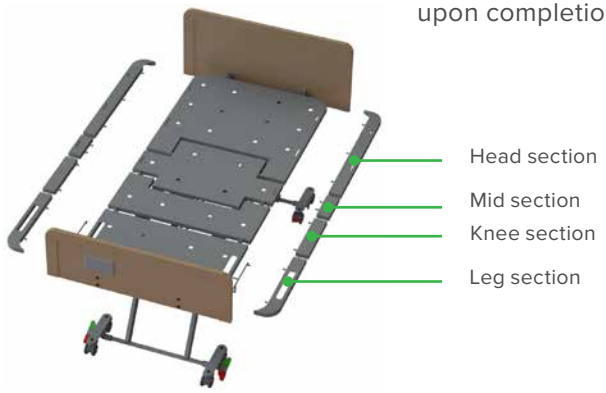
Each kit section attaches to a platform section of the bed, increasing the bed width from 900m / 35.4" (Single) to 1060mm / 41.7" (King Single).

Carton Contents:

- 1 x HEAD section LEFT (longest) – unique to this section and side
- 1 x HEAD section RIGHT (longest) – unique to this section and side
- 2 x MID section LEFT/RIGHT (shortest) – fits left/right side of this section
- 2 x KNEE section LEFT/RIGHT (second shortest) – fits left/right side of this section
- 1 x FOOT section LEFT (second longest) – unique to this section and side
- 1 x FOOT section RIGHT (second longest) – unique to this section and side
- 18 x Bolts & washers

Assembly of King Single Conversion Kit:

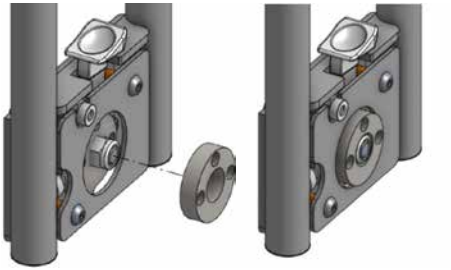
1. Remove any accessories attached to the side of the bed frame (e.g. rails or side panels).
2. Ensure the panels are matched to the correct platform section and left/right side as per the list above – some are unique to SECTION AND LEFT/RIGHT side.
3. Line up the panel holes with the holes in the bed frame.
4. Insert the washer onto the bolt
5. Insert the bolt through the hole and screw into panel weldnut.
6. Fasten firmly.
7. Repeat for all panels – check to ensure all are correctly attached upon completion.



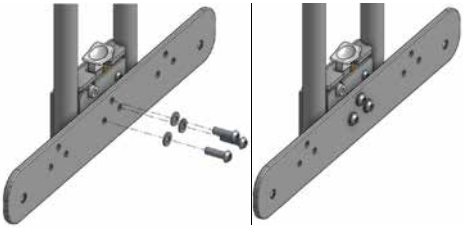
9.9 GRAB/ASSIST BAR ASSEMBLY
(Sold Separately)

Required tools: (1) x 4 mm Allen key, (1) x small spanner

1. Position the circular spacer to align with holes on rail body. It's recommended to do this with the rail flat on the ground.

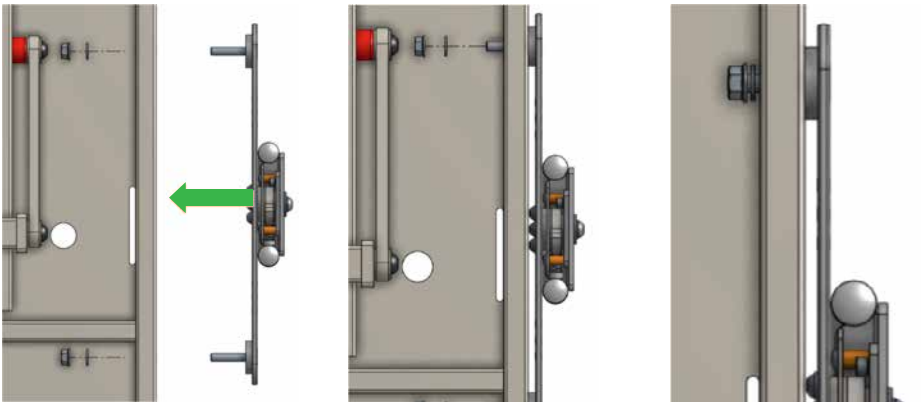


2. Use an Allen key to install the three washers and screws through the circular spacer. Do not overtighten screws.



3. Now the rail is ready to be installed onto bed. Insert long countersunk screws through mounting plate and bed spacers.



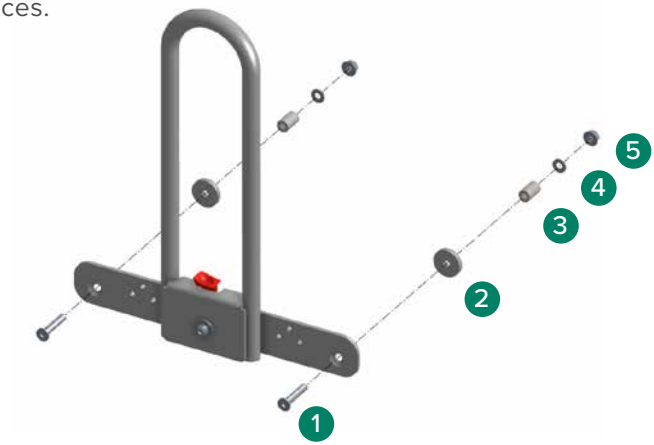


(Views from below)

4. A, B Insert rail into bed mounting holes. Ensure that the bed spacers 2 are present and in position as shown.

5. C Fasten nuts over washers. The rail should be securely fixed once installed.

Note: For beds with King Single expansion kit installed, 1 x GSP391625 3 must be added (not included with BEA46520)
The spacers are intended to cover the length of the screws 1 which allows the nuts 5 and washers 4 to be fastened over the extra length of the expansion pieces.



9.10 SPLIT FOLDING GRAB RAILS ASSEMBLY

The Split Folding Grab Rails are designed to provide self-support and assistance for positioning and movement within the bed.

The Split Folding Grab Rails are supplied as a left/right pair and require installation on the bed.

Carton Contents – 2 piece set includes:

- 1 x Split Folding Grab Rail with mounting plate – LEFT. 2 x bolts, bushings* and lock nuts on mounting plate
- 1 x Split Folding Grab Rail with mounting plate – RIGHT. 2 x bolts, bushings* and lock nuts on mounting plate

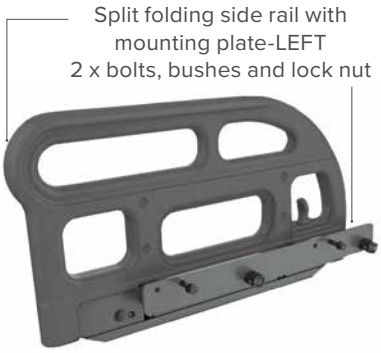
Recommended Tools

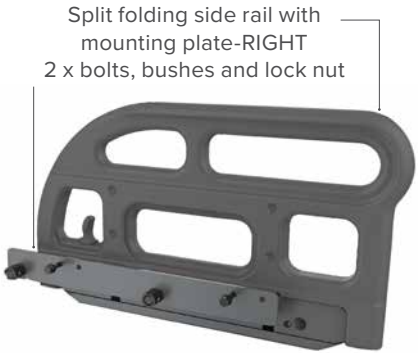


4mm Allen Key

10mm Spanner

*Bushings are only needed when installing Grab Rails onto FLX Single with a King Single width extensions kit.





NOTE: If side panels are already fitted to the bed, they must be removed before the folding grab rail can be attached. They can be removed from the entire bed or just the panel where the folding Grab Rail is going to be attached.

Fastening Split Folding Grab Rails to Bed

1. For best access to the bed frame side to attach the Split Folding Grab Rails, use the bed transport system and pivot the bed vertically.
2. The Split Folding Grab Rail is attached to the Head or Foot Section of the bed at the points indicated below.
3. The tapered end of the Split Folding Grab Rails with the release switch faces towards the foot end of the bed, as shown

4. Remove the 2 x bolts, bushings and lock nuts from the mounting plate.
5. If mounting to a FLX Single with King Single width extension kit – use the bushings supplied. For all other beds – use only the bolts, lock nuts and washers supplied.
6. Place and hold the mounting plate onto the bed frame and line up the bolt holes with the bed frame holes. Insert the bolts and fasten the washers and lock nuts on inside of bed frame.
7. Fasten firmly – use a 10mm spanner and 4mm Allen key to tighten the lock nut.
8. Press the release lever within the rail to release and fold down gently. When the base of the rail is parallel to and alongside the bed frame it will stop in this position.
9. To raise the rail, release the lever and pull it up by hand until it clicks into the up position.



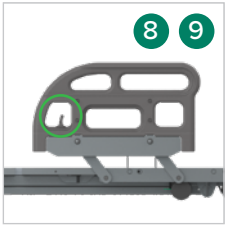












9.11 BATTERY BACK UP INSTALLATION



If fitted with a battery back-up unit the bed will automatically switch to battery power in the event of a power failure, or the bed being unplugged from mains power.

A fully powered new Battery Back-up may last 15 full lift cycles however this is dependent on user weight, movement range and battery age.

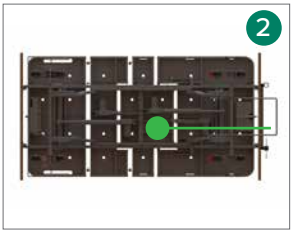
The Battery Back Up accessory is designed to provide back-up power in the event of a power outage or other event necessitating temporary use of the bed without access to a power outlet.

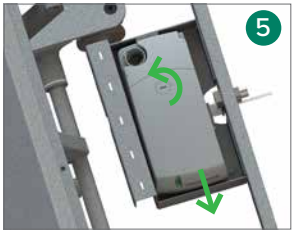
Carton Contents:

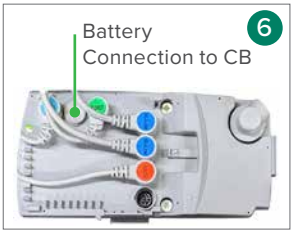
- 1 x Battery Backup
- 1 x hardware set

Assembly of Battery Backup:

1. Raise bed height and backrest to maximum height.
2. Attach battery backup underneath the bed (in the middle, next to the head end hi-lo actuator).
3. Run the lead towards the control box at the head end of the bed.
4. Disconnect beds' power lead from power source and wait 10 seconds for power to deplete from system.
5. Use a flat head screw driver to turn the locking tab on the control box to unlocked position then slide the cover off to reveal the ports underneath.
6. Attach the battery backup lead to the port shown. Note there may be a splitter cable already connected in which case connect battery backup to the lead labelled "TBB" of the splitter cable.
7. Close the control box.
8. Attach beds' power lead to power and wait 10 seconds.
9. Secure battery backup lead to the frame in same locations as other cables are attached.







9.12 USB PORT UPGRADE KIT (SOLD SEPARATELY)

The USB Upgrade kit allows users to charge personal devices via conveniently located ports on the backrest. The ports can be mounted to either left or right side of the bed.

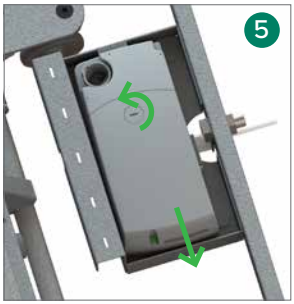
Carton Contents:

- 1 x USB Port
- 1 x Mounting Strip
- 1 x Splitter Cable
- Zip ties
- 2 x M4 long screws
- 2 x M4 short screws

Assembly of USB Port Upgrade Kit

1. Raise bed height and backrest to maximum height.
2. Attach the USB port under the backrest (in between the mattress retainer handwheel bolts) using the long screws.
3. Run the USB port cable under the back rest frame towards the beds' midsection, securing to the backrest using zip ties.
4. From the middle of the bed, run the cable towards the other cables running under the bed. Join the USB ports' cable to the other cables and route towards the control box at the head end following the same path as the other cables.
5. Use a flat head screw driver to turn the locking tab on the control box to unlocked position then slide the cover off to reveal the ports underneath
6. Attach the splitter cable to the port shown.
7. Close the control box.
8. Attach USB port cable to the splitter cable's port marked "TFA". If the bed has a battery backup it can be connected to the splitter cables' port marked "TBB".
9. Secure USB port cable to backrest, bed frame and other cables, ensuring enough slack is left to allow cable to adjust with bed movement.







9.13 FULL LENGTH SIDE RAILS ASSEMBLY

Full Length Rails (2m) – Set of 4
BEB048785 Sublime Teak | BEB048790 Milano Walnut

Full Length Rails (2.2m, for length extension) - Set of 4
BEB048915 Sublime Teak | BEB048910 Milano Walnut

Bed End Set – Single
BEB048750 Sublime Teak | BEB048755 Milano Walnut

Bed End Set – King Single
BEB048770 Sublime Teak | BEB048775 Milano Walnut

Bed End Set – Bend End Holders and Hardware
BEB048740 (2m long rails) | BEB048735 (2.2m long rails)

Recommended Tools



Phillips head screwdriver



3mm Allen key

FLX full length side rails are designed to provide a safety barrier to minimise the risk of a resident falling from the bed. These are supplied as a full kit and cannot be used with standard head and foot boards.

Carton Contains:
As rails and bed ends are packaged separately, a full kit contains 2 x cartons.

Bed End Set (Carton 1)

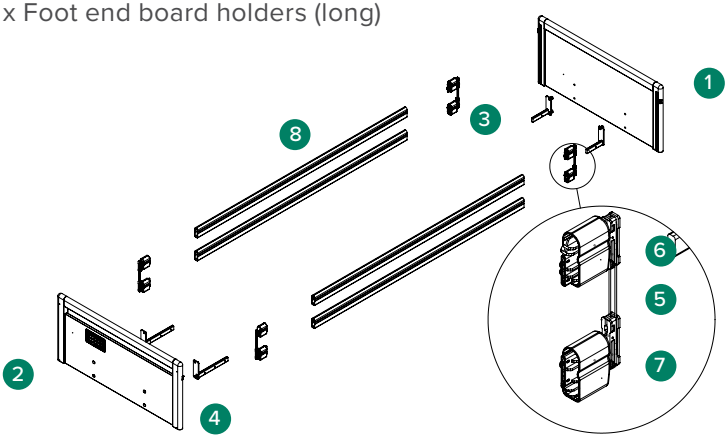
1. Headboard
2. Footboard

Bed End Holders Set (Carton 3)

3. 2 x Head end board holders (short)
4. 2 x Foot end board holders (long)

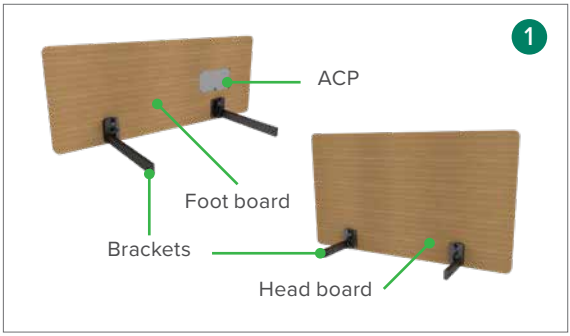
Full Length Rails Set (Carton 2)

5. 4 x Wire guides
6. 4 x End caps – Top
7. 4 x End caps – Bottom
8. 4 x Full length rails



Assembly of the full length rails:

1. Remove existing head and foot boards and board holders from bed (if fitted) and put aside.



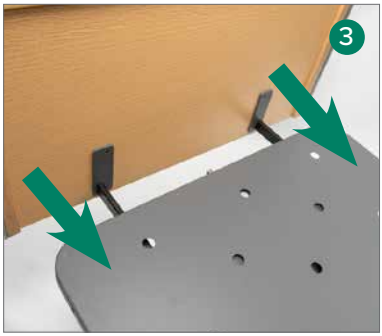
2. Assemble the board holders 3 & 4 to the new headboard 1 and footboard 2 for full length rails. Ensure the brackets are orientated towards each other as shown and are mounted to the same side of the board as the aluminium tracks.

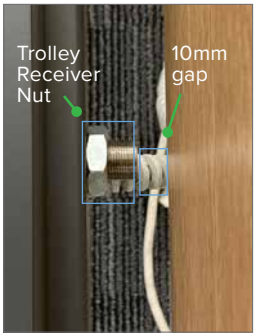
WARNING

Do not over tighten the bolts as this could damage the boards.

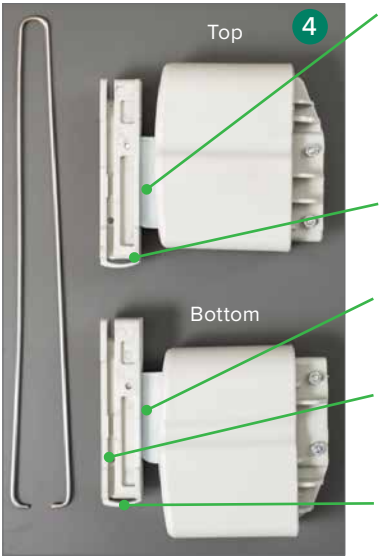
3. Insert new headboard 1 and footboard 2 onto the bed leaving a 10mm or 210mm gap between the board and transport trolley receiver nut for 2m and 2.2m long rail respectively.

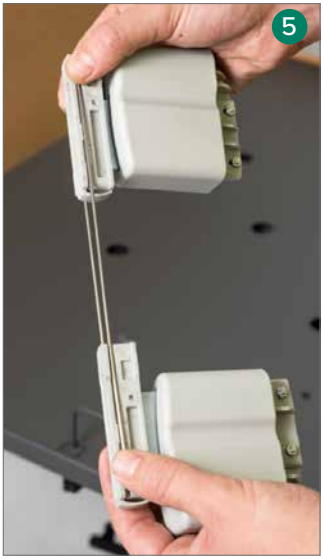






4. Assemble the plastic end caps 6 & 7 and wire guide 5 as shown. Ensure that the top cap 6 slides up and down the wire easily. If assembly is correct top and bottom caps will not touch.
5. Repeat step 4 until all four assemblies have been completed.





6. Remove the bolt and spacer from the bottom of each of the four aluminium tracks.
7. On the headboard 1, slide plastic cap assemblies into the aluminium track and all the way to the top.
8. Replace the bolt and spacer at the bottom of the track of the headboard 1 to prevent the end caps from falling out.







9. On the headboard 1, release the end cap assemblies by raising the top end cap 6 slightly and pressing the button. Let the end cap rest in the down position.
10. Slide the footboard end caps 4 on to the rail ensuring correct orientation. Finally slot the rail 8 into end caps already on the headboard 1





11. Slide the foot end cap 7 assemblies into the foot board 2. Slide rails all the way to the top and lock in place. Ensure wire 5 does not come loose during this step.
12. Replace the bolt and spacer at the bottom of the track for the foot board 5







13. Repeat steps 9 to 12 for other side of the bed.
14. Assembly is now complete.

9.14 TELESCOPIC RAILS ASSEMBLY

ALWAYS use the mounting bar for the Telescopic Side Rails.

WARNING! Blue handset (BEB046602) must be used with Telescopic Side Rails.

NOTE: Telescopic Rails compatible with pull-apart beds (serial number containing “PA”) only.

Kit Options (Bed NOT included)

Kits contain all parts required to fit a full bed. Choose a telescopic side kit and bed end to complete a set.

Telescopic Side Rail Kits (Choose one of the below options)

BEB048801 BEB048806	Sublime Teak Milano Walnut	**Telescopic Side Rails Full Kit** 2 x 1/3 Rail 2 x 2/3 Rail	
BEB048811 BEB048816	Sublime Teak Milano Walnut	**Telescopic Side Rails & Trim Full Kit** 2 x 1/3 Rail 2 x 2/3 Decorative Trim	
BEB048821 BEB048826	Sublime Teak Milano Walnut	**Telescopic Side Rails & Trim Full Kit** 2 x 2/3 Rail 2 x 1/3 Decorative Trim	

Bed Ends (Choose one of the below options)

BEB048830 BEB048835	Sublime Teak Milano Walnut	**Bed End Set** – Single For Telescopic Rails – Como R	
BEB048840 BEB048845	Sublime Teak Milano Walnut	**Bed End Set** – King Single For Telescopic Rails – Como R	

Customisation

The customisation option allows customers to choose what they need.

Mandatory (Required to fit and use side rails - Select either single or king single bed ends)

BEB048901		**Mounting Bar & Hardware** – Pair	
BEB046602	Blue	**Hand Control** – Min Height Limiting	
BEB048830 BEB048835	Sublime Teak Milano Walnut	**Bed End Set** – Single	
BEB048840 BEB048845	Sublime Teak Milano Walnut	**Bed End Set** – King Single	

Optional

BEB048850 BEB048855	Sublime Teak Milano Walnut	**Telescopic Rail** 1/3 Length – EACH	
BEB048860 BEB048865	Sublime Teak Milano Walnut	**Telescopic Rail** 2/3 Length – EACH	
BEB048870 BEB048875	Sublime Teak Milano Walnut	**Telescopic Rail** – Decorative Trim 1/3 Length – EACH	
BEB048880 BEB048885	Sublime Teak Milano Walnut	**Telescopic Rail** – Decorative Trim 2/3 Length – EACH	

Carton Contents – Mounting Bar & Hardware (PAIR):

1. End mounting bracket (x4)
2. Mounting rail (x2)

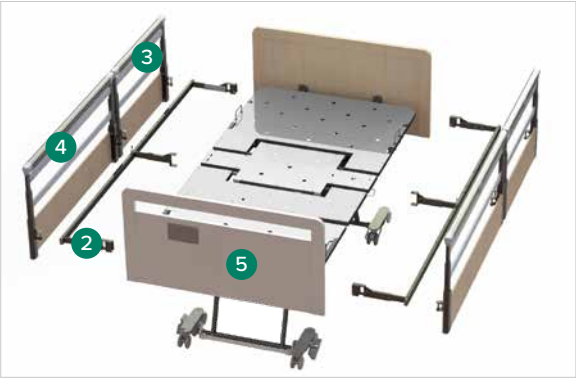
Carton Contents – Side Rails / Trim:

3. Telescopic side rail 1/3 length (x2) **OR** Decorative trim 1/3 length (x2)
4. Telescopic side rail 2/3 length (x2) **OR** Decorative trim 2/3 length (x2)

Carton Contents – Bed Ends:

5. Bed End Set Single **OR** Bed End Set King Single





Recommended Tools


Allen Keys (Size 5 & 6)


Socket Wrench (Size 13)


Drill

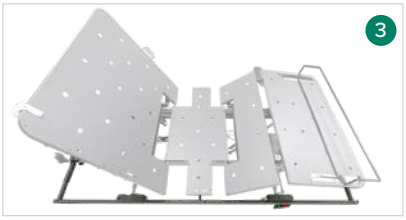
6mm drill bit

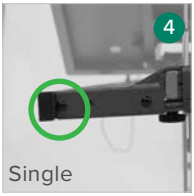
GENERAL ASSEMBLY

1. Remove all head and footboards from the bed, raise the bed to a comfortable working height and raise the backrest and leg rest to the maximum height.
2. Install end mounting brackets to the head and foot ends of the frame. DO NOT tighten circled bolts completely.
3. Insert mounting rails into the end mounting brackets at the same time.
4. Align holes based on the bed size. Refer to the images shown for SINGLE and KING SINGLE rail configurations.
5. Secure mounting rails with bolts.
6. Tighten all remaining bolts on mounting brackets.
7. Secure mounting rails to the centre of the bed frame with the long bolt.
8. Assemble the Telescopic side rails or decorative trim on to mounting rails. Ensure holes line up with both parts and secure with the provided bolts.
9. Assemble Head and Foot boards to the bed.
10. Replace the standard FLX handset with a Blue handset to limit low height. Conduct factory reset (see section 8.4)
11. Assembly is now complete.























9.15 INSTALLING MATTRESSES TO BED

GENERAL ASSEMBLY



WARNING! Mattress retainers must be used. Do NOT use bed without installing the mattress retainers. The mattresses can shift and slide away if not correctly retained in place which may lead to patient falls.



WARNING! Air mattress retainers must be strapped to mattress deck using the available slots in the mattress frame. Consult the manufacturer of the air mattress if straps have not been provided. Air mattresses are flexible and more prone to shifting than foam mattresses.



ALWAYS use mattress retainers at the head end and foot end of the bed. This ensures mattress remains affixed to the bed and does not slide off, avoiding potential falls.



ALWAYS check foot end mattress retainer is fitted correctly and that mattress is nested and retained by the retainer prior to use.



ALWAYS strap air mattresses to the mattress platform. Air mattresses are flexible and more prone to shifting that foam mattresses. Contact the manufacturer if the air mattress is not supplied with straps.

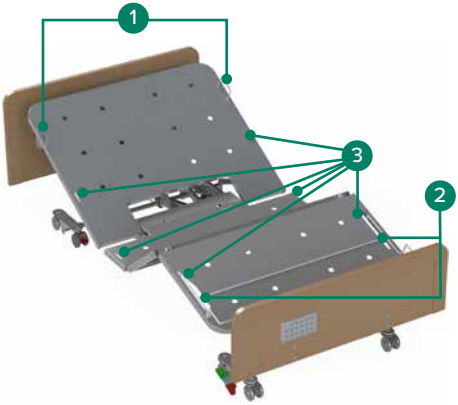


ALWAYS route air mattress hoses through the beds' foot end retainer and not over it.



ALWAYS test bed functions after assembly by raising and lowering backrest, legrest and other functions to ensure mattress doesn't affect or interfere with bed function.

The FLX/FL250 bed is equipped with mattress retainers at the head 1 and foot 2 ends of the bed to help retain mattresses in place during use. Slots 3 are provided in the mattress deck platforms to allow air mattresses to be strapped in place. Refer to image for locations of retainers and slots and section 9.2 FLX Bed Assembly for assembly instructions.



ASSEMBLY WITH MATTRESS EXTENSION BOLSTERS

Mattress Extension Bolsters can be used to fill the gap created when using a foam or air mattress with the bed extended to a longer length.

ALWAYS use mattress extension bolster that matches the bed width, bed extended length and mattress height.

Bolsters can be placed at either the head or foot end of the bed. **ALWAYS** consult a suitably qualified healthcare professional to determine the most appropriate placement based on patient needs.

1. Follow section 9.2 FLX Bed Assembly to extend the bed length.
2. Place mattress in desired position and ensure it is retained by the mattress retainers.
3. For air mattresses, use their straps (if provided) to secure mattress to platform. Ensure air hoses leading to the pump are routed through the beds' foot end retainer and not over it.
4. Place bolster in the gap created between the mattress and the head or foot end of the bed. Ensure bolster is retained by mattress retainers.
5. To secure bolster, dress the bed and ensure bedding wraps around both mattress and extension bolster.

10. GENERAL OPERATION

10.1 CASTOR SYSTEM – BRAKES & STEERING

Always apply the central locking brakes at the foot end and the total locking brakes at the head end when bed is stationary and/or left unattended (whether in use or during transport). This will prevent unintended bed movement during use, care giving, ingress/egress and in storage).

Always unlock brakes at either foot end or head end during Trendelenburg and Chair movements to allow castors to adjust during movement. Always lock the brakes at end of movement.

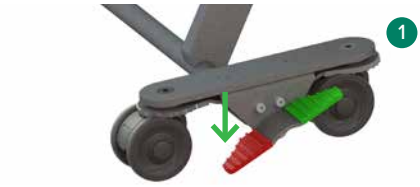
10.1.1 Central Locking Castors

Central locking castors are located at the foot end of the bed. The brakes are interlinked on either side of the bed allowing operation with a single movement for improved safety and efficiency.

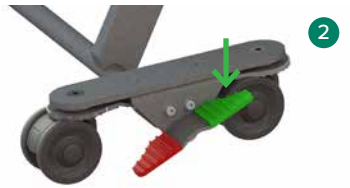
1. To engage the brakes push down on the red pedal as shown below until bed is locked in place.
2. To disengage brakes push down on the green pedal until the brake system is completely unlocked.

Pedal Positions:

Locked (Red Down)



Unlocked (Green Down)



10.1.2 Total Locking Castors

Total locking castors are located at the head end of the bed.

1. To engage the total lock, press the red pedal down.
2. To disengage the total lock, pull up on the red pedal until unlocked.

Locked (Latch Down)



Unlocked (Latch Up)



10.2 BED EXTENSION

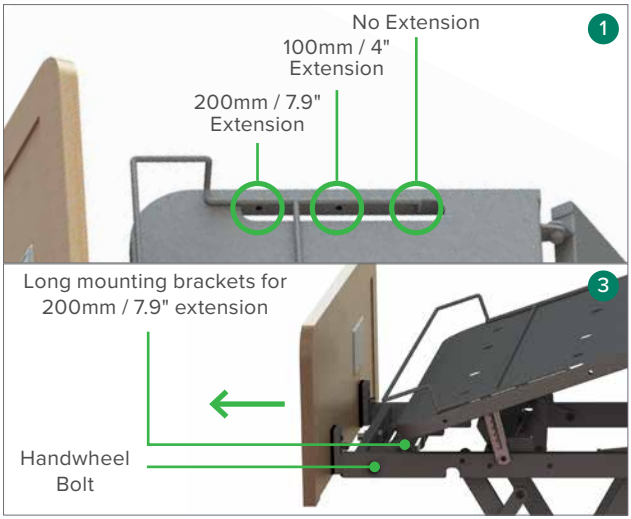
The integrated bed extension can add 100mm / 4" or 200mm / 7.9" of length to the mattress platform.

Moving Bed Extension From Closed/Standard Bed Position

1. Move the foot end mattress retainer from the minimum position to the middle hole (100mm / 4" extension) or the furthest hole (200mm / 7.9")
2. If extending the mattress platform by 100mm / 4": loosen the handwheel bolts under the bed frame and pull out headboard by 100mm / 4". Tighten handwheels to lock in place.
3. If extending the mattress platform by 200mm / 7.9": loosen the handwheel bolts under the bed frame and pull out headboard and its mounting brackets entirely. Replace the mounting brackets with the longer pair located under the leg section platform (remember to place the short pair and secure to frame under the leg frame for future use). Slide the headboard and brackets back into place and extend the platform by 200mm / 7.9". Tighten handwheels to lock in place.



The bed extension is designed for use as a bed extension only and is not meant to support the body weight of a person sitting. The extra length of the bed with extra load can also make the bed unstable potentially resulting in injury to the user and patient.



11. PULL APART & REASSEMBLY

Aidacare FLX beds with “PA” listed in their serial numbers are able to be pulled apart into two pieces to make delivering beds into challenging environments (such as upstairs or narrow corridors) easier.

The maximum weight of the heaviest piece once pulled apart is 55kg/121lb and 58kg/128lb for Single and King Single size models respectively.

11.1 PULLING THE BED APART

11.1.1 Recommended Tools



5mm Allen key
Suitable trolley (recommended)

11.1.2 Preparation

1. Ensure bed is located in a clean and tidy area with space to move around the bed unobstructed.
2. Lock the foot end castors so that bed doesn’t move during the pull apart process.
3. Remove all accessories from the bed including head and foot boards, mattresses, linen, any side rails, self help or IV poles etc.
4. Raise bed to maximum height and lower backrest and legrest to minimum height.

11.1.3 Disconnect Electric Cables

1. In the middle of the bed, disconnect the cables marked “TNP” (or “TEC”) and “TBL” and route the cables through the mattress deck so that they sit above the deck.





2. Disconnect the legrest and foot-end hi-lo actuators and route the cables through the mattress deck so that they sit above the deck.



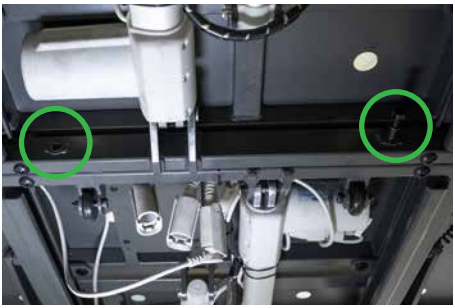


3. Connect the foot-end hi-lo actuator cable back to the actuator but ensure it is routed above the mattress deck.



11.1.4 Disconnect Bolts from Underneath Bed

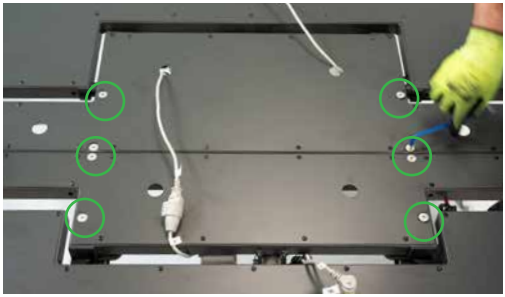
1. Using wrenches, remove 2 x bolts and their washers and nylock nuts from underneath the bed.




11.1.5 Loosen Mattress Deck Bolts

1. Using the 5mm Allen key, loosen the 8 x bolts in the middle of the bed but **DO NOT** remove them.

   NOTE: the bolts may be very tight when initially loosening. Take care not to apply too much force too quickly to avoid damaging the bolt heads. Use a slow, even application of force until bolts loosen.



11.1.6 Lower Bed and Pull Bed Apart

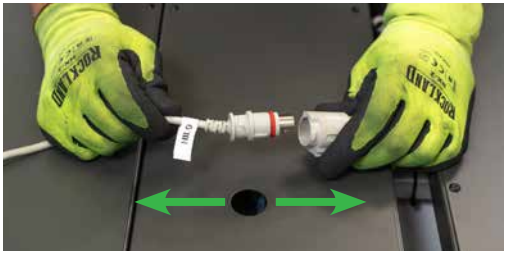
1. Unlock foot-end and head - end castors.



2. Lower bed to minimum height.

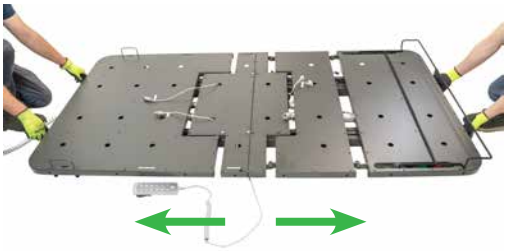


3. Unplug hi-lo actuator and leave cables above mattress deck.



4. Unplug bed from power.
5. Using the 5mm Allen key, remove the 8 x bolts in the middle of the bed and put aside.
6. Pull the two halves of the bed apart

   NOTE: the head end half of the bed has additional rollers to ease this process. Try to roll it away from the foot end.



7. To avoid losing the 8 x bolts removed in step 5, thread them back onto the middle connection bars. To avoid losing the 2 x bolts, washers and nyloc nutes removed in step 1.1.4, thread them back into the bed frame and hand tighten.



The bed is now pulled apart.

11.1.7 Transporting the Bed Halves

To transport the bed halves:

1. Carefully lift each half of the bed and place onto a suitable trolley

   IMPORTANT: Lock trolley castors (if fitted) before lifting bed halves onto it.

   IMPORTANT: The maximum weight of the heaviest piece once pulled apart is 55kg/121lb and 58kg/128lb for Single and King Single size models respectively.



WARNING! DO NOT attempt to lift the bed halves by yourself. Lifting each half of the bed is a TWO-person operation.

Use good posture and lifting technique to lift the two halves of the bed



WARNING! The backrest and legrest actuators do not lock in the minimum positions. Therefore, do NOT lift the bed halves from the backrest or legrest panels.





IMPORTANT: Only lift the bed halves from the main structural tubes under the backrest and legrest panels.







WARNING! Take care not to damage the electric cables or wires during movement or placement on trolley.

2. If appropriate, strap the bed halves to the trolley to avoid damage during transport.

3. Ensure the middle bed connector brackets and bolts are secured to the trolley and always transported with the bed.



The bed is now ready for transport.

11.2 REASSEMBLING THE BED AFTER PULLING APART

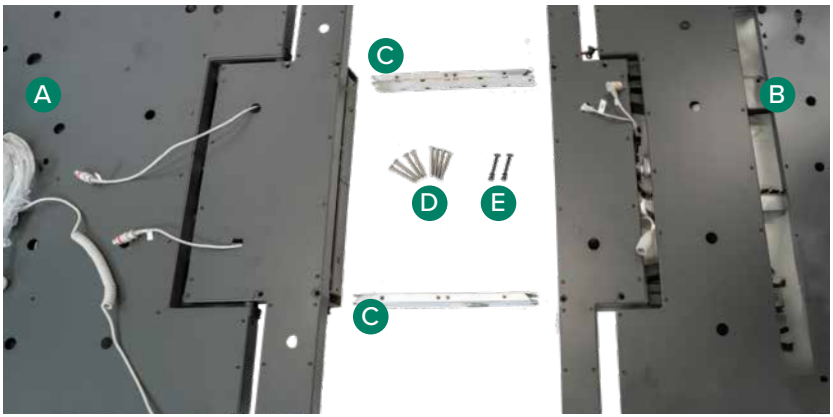
11.2.1 Recommended Tools



5mm Allen key

11.2.2 Preparation

1. Ensure bed is located in a clean and tidy area with space to move around the bed unobstructed.
2. Ensure all parts of the bed are included in the delivery including:
   a. 1 x Head-end half
   b. 1 x Foot-end half
   c. 2 x Middle connection brackets
   d. 8 x Countersink bolts
   e. 2 x Bolts, washer and nyloc nuts



3. Place the two halves of the bed on the floor with the head-end half and foot-end half lined up and the middle connection brackets lined up in between.

   IMPORTANT: The maximum weight of the heaviest piece once pulled apart is 55kg/121lb and 58kg/128lb for Single and King Single size models respectively.



WARNING! Do NOT attempt to lift the bed halves by yourself. Lifting each half of the bed is a TWO person operation.

Use good posture and lifting technique to lift the two halves of the bed.

IMPORTANT: The backrest and legrest actuators do not lock in the minimum positions. Therefore, do NOT lift the bed halves from the backrest or legrest panels.





IMPORTANT: Only lift the bed halves from the main structural tubes under the backrest and legrest panels.

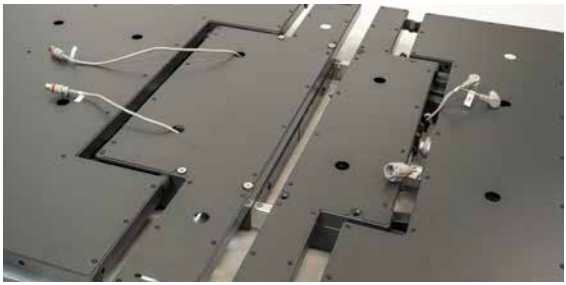




WARNING

WARNING! Take care not to damage any of the cables or wires during movement or placement on trolley.

4. Ensure electrical cables have been routed above the mattress deck as shown.



11.2.3 Assembling the Bed

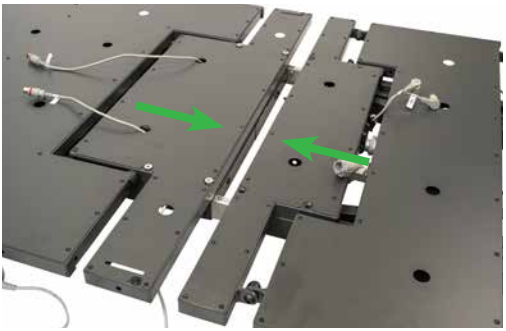
1. Remove the 8 x bolts from the middle connector brackets and put aside.



2. Insert the middle connector brackets into the head side of the bed.
   NOTE: take care to ensure the labels face towards outer edges of the bed.



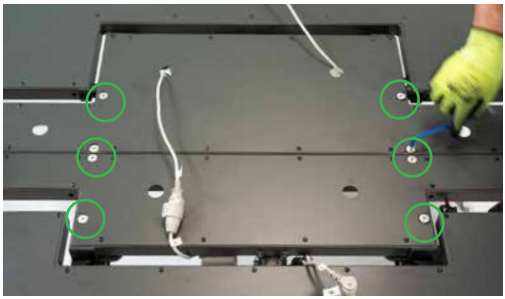
3. Slide the head-side half of the bed until the middle connector brackets are concealed.
   NOTE: Sliding the two halves together is easier as a TWO-person operation.
   NOTE: Sliding the two halves together may be easier if the foot-end half of the bed is lifted slightly during the sliding process.



4. Using the 5mm Allen key, thread the 8 x bolts through the top of the mattress deck and into the middle connector brackets until they just start feeling tight.
5. Fully tighten all 8 x bolts only once all are in place and threaded through.

   NOTE: When tightening, take care not to apply too much force too quickly.

   to avoid damaging the bolt heads. Use a slow, even application of force until bolts tighten but do NOT over-tighten. **If using torque wrench, tighten bolts to no more than 20Nm.**



11.2.4 Connecting Electric Cables

1. Connect the foot-end hi-lo actuator cable back to the actuator but ensure it is routed above the mattress deck.



2. Connect bed to power.
3. Wait 10 seconds for control box to initialize.

4. Raise bed to maximum height.



5. Disconnect foot-end hi-lo actuator.



6. Reassemble 2 x bolts, washers and nyloc nuts underneath the bed.



7. Thread the foot-end hi-lo actuator cable, the legrest actuator cable, the “TNP” (or “TEC”) and “TBL” cables back under the mattress deck.



8. Reconnect foot-end hi-lo actuator cable and legrest actuator cable to their actuators.



9. Reconnect “TNP” (or “TEC”) and “TBL” cables to their ports in the middle of the bed.



10. Secure cables to under frame of bed.

11.2.5 Test Bed Functions

1. Since actuator cables have been disconnected and reconnected it is important to conduct a factory reset on the control box before using the bed. To conduct a factory reset, refer to section 8.4 Handset Operation.



ACTION IS TO BE COMPLETED **BY HAND**



DO NOT operate the bed if any obstruction is observed. Check source of obstruction and remove if possible.



ACTION IS TO BE COMPLETED **BY HAND**



DO NOT operate the bed if any obstruction is observed. Check source of obstruction and remove if possible.

2. Gently lift backrest and legrest mattress panels by hand to test panels move smoothly without obstruction (such as cables being tight or cable ties have previously been used to secure back and leg panels to the bed frame).



STOP moving bed if concerned and resolve if possible.

3. Using the handset lower the bed to minimum height but observe and double check all cords under the bed remain in place and not hanging loose or overstretching during movement.
4. Repeat step 2 once bed reaches minimum height.

The bed is now ready to use.

12. STORAGE & MOVEMENT



- **DISCONNECT** the bed power cord before moving the bed.
- **DO NOT** remove the power cord from the source by pulling on the cord.
- **DO NOT** pull on the power cord, or handset cord to manoeuvre the bed.
- **ALWAYS** apply the brakes at the head and foot ends of the bed when the bed is in a stationary position.

Handle With Care

FLX Beds should be stored in a clean, dry, well ventilated area.

Do not drop and avoid shock or violent impact when transporting.

The following limits apply during transport and or a storage period of up to 15 weeks duration:

Ambient temperature	-25°C – 70°C
Relative humidity	10% – 75%
Air pressure	50 kPa – 106 kPa

The following limits apply to normal operating conditions and or periods of storage longer than 15 weeks:

Ambient temperature	+10°C – 40°C
Relative humidity	30% – 75%
Air pressure	70 kPa – 106 kPa

Moving your FLX Bed

1. Before moving the bed, press the **ExitSafe** position button on the handset or ACP until it is in position.
2. Release the brakes at head and foot end (see section 9.1)
3. Ensure handset is stored safely.
4. Unplug the mains cable from the wall socked, coil up and place under the mattress (if no mattress in place hang over mattress retainer)

13. CLEANING



Before cleaning always disconnect the bed from the mains power source.

NOTE: It is strongly recommended that protective clothing be used when cleaning.

NOTE: The following procedure also applies to bed accessories, but does not include mattresses.

- Wipe the beds surfaces with a soft cloth moistened with hot water and mild detergent (or the facilities recommended cleaning solution). It is recommended that the cloth be a white material to prevent bleeding of die colours to the bed. Take extra care in areas that may harbour dirt or dust
- Rinse with clean water and dry with a clean cloth.
- To remove potentially infectious materials such as body fluids, or when the bed has been used by someone with a known infection. Clean with NaDCC (e.g. Presept, Actichlor) at 10,000 ppm of available chlorine. Rinse and dry.
- Allow the cleaned parts to dry before replacing the mattress.



DO NOT use abrasive Hypocarbonate or Phenolic compounds or pads.

14. MAINTENANCE

To prolong the working life of the bed and for trouble free operation it is recommended that routine inspections should be performed by a person who is suitably qualified and well acquainted with the design, use and care of your FLX Bed.

If inspection reveals that the safety of the bed is jeopardised in any way, it should be **IMMEDIATELY WITHDRAWN FROM SERVICE**, tagged as such and the owner notified.

NOTE: Other than general maintenance activities all other service or repair work must be performed by qualified and trained persons who are approved by Aidacare.



The bed must be disconnected from the mains power supply before starting any maintenance activity.

General	
1	Examine all the warning signs on the bed, examine the bed for obvious signs of damage. All aspects of the equipment should operate as intended. Check that all nuts, bolts and other fasteners are tight and are not missing.
2	Examine flexible cables and conduits for cuts, cracks, abrasions or other deterioration.
3	Check that the power supply plug is not damaged. If either the power cable or plug is damaged then both the cable and plug must be replaced as a complete assembly by an approved service agent.
4	Check hi-lo rollers and track for signs of deterioration such as shavings, burrs, cuts, deformation or flat spots.
5	Ensure 8 x bolts on top surface of mattress deck holding two halves together are tight.
Brake System	
1	Activate brakes in the locked position and apply pressure to the bed head and foot end.
2	If the bed castors rotate the brakes should be adjusted or inspected accordingly.
3	If the bed does not stay stationary the bed should be removed from service until the issues are rectified.
Battery Backup	
1	Check battery indicator light on attendant control panel to monitor condition of battery back-up.

15. TROUBLESHOOTING

IMPORTANT!

Prior to making any adjustments to the electronics of the bed, the control box should always be reset to rule out any calibration issues.

Calibration issues can occur when power outages happen or when beds are unplugged from the wall during use.

To complete a reset:

1. Hold down the top two buttons of the handset (Top Left + Top Right).
2. After 5 seconds continue to hold and the bed will enter reset sequence
   This will result in all actuators retracting to their minimum length which manifests as the bed flattening and descending to the lowest position.
3. Once the bed reaches this position a faint relay “click” can be heard and the handset LED light will flash several times indicating reset procedure is complete.
4. If the bed does not perform normally after being reset, please explore the trouble shooting guide suggestions.

Effect	Possible Cause	Verification	Corrective Action
Bed does not stay in place	Braking system is not in Total Brake position Brake System is malfunctioning	Brake pedal is not engaged in lowest position Brake pedal is in lowest position, but bed does not stay in place	Brake pedal is not engaged in lowest position Contact your sales representative or a qualified Aidacare service technician
Bed does not move up or down	Bed is not plugged in and optional battery is flat Actuator is faulty Handset is faulty NCP is Faulty	Check if the power lead is plugged into mains power Swap actuators Swap handsets Swap NCP	If unplugged, plug power leads into mains power. Allow 3 hours to charge battery (if fitted) Conduct electronic system reset - refer to section 7.4 Contact your sales representative or a qualified Aidacare service technician
Backrest does not move up or down	Actuator code is unplugged Actuator is faulty Handset is faulty NCP is Faulty	Check if cables have come loose from control box (under top frame at head end) Swap handsets Swap Actuator Swap NCP	If loose, fully plug cables into control box Conduct electronic system reset - refer to section 7.4 Contact your sales representative or a qualified Aidacare service technician

16. WARRANTY & SERVICE

Aidacare FLX Beds carry a comprehensive warranty as detailed below. Please keep proof of purchase for proof of warranty commencement.

10 YEARS WARRANTY *Frame*

3 YEARS WARRANTY *Electronics*

1 YEAR WARRANTY *Handsets & Cable*

Consumer Warranty Against Defects:

Aidacare is bound by Australian Consumer Law in respect to Warranty Against Defects. A copy of the Aidacare Warranty Against Defects statement is available on the Aidacare homepage at aidacare.com.au. All warranty matters should be directed to Aidacare Customer Service on **1300 133 120**.

Aidacare 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. Aidacare acknowledges and conforms to all ACCC guidelines around consumer rights. For further information contact Aidacare on **1300 133 120** or email **product@aidacare.com.au.**

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

Spare parts list is available upon request.

For servicing, preventative maintenance and any other questions regarding this or any other Aidacare product please contact:

AUSTRALIA

Building 3A, 1 Moorebank Avenue,
Moorebank NSW 2170

1300 133 120 | aidacare.com.au

UK

Arcadia House, Maritime Walk,
Ocean Village, Southampton SO14 3TL

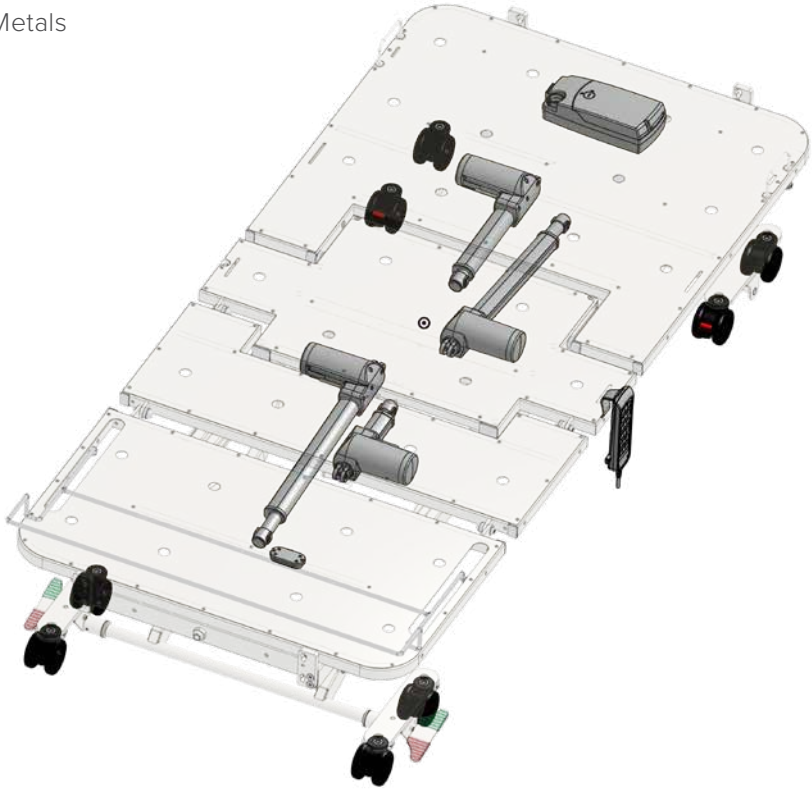
01622 541235 | **aidacare.co.uk**

17. RECYCLING INSTRUCTION

This product is fitted with electronic components and should not be mixed with general household waste. Please follow the diagram below to identify materials on the product. Old batteries and electronics are to be taken to your nearest recycling centre for recycling or contact your retailer.

Waste of Electrical and Electronic Equipment (WEEE)

Metals



18. MANUFACTURER, EU REPRESENTATIVE & IMPORTER DETAILS

If you have any questions, you can contact:



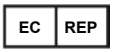
Manufacturer:

Aidacare Pty Ltd

ABN 40 134 398 833

Building 3A, 1 Moorebank Avenue,
Moorebank NSW 2170
Australia

1300 133 120 | **product@aidacare.com.au**



EU Representative:

European Healthcare & Device Solutions (Ireland) Ltd

Stratton House, Bishopstown Road
Cork T12 Y9TC
Ireland

info@europeandevicesolutions.eu



Importer:

Aidacare Ltd

Registration 13785408

Arcadia House, Maritime Walk, Ocean Village,
Southampton SO14 3TL
United Kingdom

01622 541235 | **info@aidacare.co.uk**

19. SERVICE LOG BOOK

Year 1 Date: _____

Service Type: _____

Condition Report: _____

_____

Inspected by: _____ Signature: _____

Action taken: _____ Date: _____

Year 2 Date: _____

Service Type: _____

Condition Report: _____

_____

Inspected by: _____ Signature: _____

Action taken: _____ Date: _____

Year 3 Date: _____

Service Type: _____

Condition Report: _____

_____

Inspected by: _____ Signature: _____

Action taken: _____ Date: _____

Year 4 Date: _____

Service Type: _____

Condition Report: _____

_____

Inspected by: _____ Signature: _____

Action taken: _____ Date: _____

Year 5 Date: _____

Service Type: _____

Condition Report: _____

_____

Inspected by: _____ Signature: _____

Action taken: _____ Date: _____

NOTES

AIDACARE PTY LTD

Building 3A, 1 Moorebank Avenue,
Moorebank NSW 2170
Australia

1300 133 120 | aidacare.com.au

AIDACARE LIMITED

Arcadia House, Maritime Walk,
Ocean Village, Southampton SO14 3TL
United Kingdom

01622 541235 | aidacare.co.uk

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HEALTHCARE EQUIPMENT