



ActiveCare-Fixed

USER MANUAL

For Parts or Technical Assistance - (877) 867-7365

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Overview

Introduction

This manual provides instructions for use of the ActiveCare Bed. Do not operate the bed without first reading and understanding the warnings and cautions provided herein.

NOTICE: The information in this document is subject to change without notice.

Intended Use

The ActiveCare Bed is intended to provide means for a single occupant to recline and sit, and to assist the occupant in moving between reclining, sitting and standing positions.

The bed is intended for use in long and short-term care facilities, and homes.

The bed is intended to support a safe working load of 600 lbs. (evenly distributed), which includes the weight of the occupant, mattress, bedding, and any other items on the bed deck.

The bed is intended for operation by adult users who have read and understand this User Manual.


The bed is intended for indoor use in environments where it will not get wet, where floors are stable and level, and in ambient temperatures between 41°F and 104°F.


The bed is intended for operation on 120 VAC, 60 Hz mains power.

The bed is **not** intended to provide a means for transport of the occupant.


Safety Information













 This symbol identifies a **WARNING** or **CAUTION: IF SYMBOL IS ON BED CONSULT USER MANUAL FOR EXPLANATION**



 **WARNING** represents potentially dangerous situations that can lead to serious physical injury or death.

 **CAUTION** represents potentially dangerous situations that can lead to minor physical injury.







General Use Safety

 **WARNING** Bed must be used as specified under the “Intended Use” heading. Use of the bed outside of the specified conditions may result in personal injury or equipment damage.


-  **WARNING** Close supervision by an adult who has read and understands this User Manual is required when the bed is used around children or others who have not or cannot read and/or understand this User Manual.
-  **WARNING** The bed mattress must be purchased from Med-Mizer Inc. to meet entrapment zone dimensional guidelines published by the Food and Drug Administration.
-  **WARNING** Do not spill or spray liquid on the bed. Excessive liquid on the bed can result in an electric shock hazard. In the event of a liquid spill or excessive liquid on the bed, unplug the bed immediately. Remove excess liquid and allow bed to dry thoroughly before restoring power.
-  **WARNING** Never permit anyone under the bed while the bed is being used. Failure to do so could result in personal injury.
-  **WARNING** Never operate the bed if a cord or plug is damaged, or it is not working properly. Contact Qualified Service Personnel for inspection and/or repair. Failure to do so could result in personal injury.
-  **WARNING** DO not sit or lie on hand control. It can cause unintended movement of the application.
-  **WARNING** Ensure the main power cord is routed where it is not pinched either under or beside the bed. Failure to do so could result in personal injury or equipment damage.
-  **CAUTION** Ensure the grounding cable of the control box is securely fastened to the frame. Failure to do so could result in personal injury or equipment damage.
-  **CAUTION** If a handset is used, the cord must be routed and secured properly to ensure that cord does not become entangled. Failure to do so could result in equipment damage or personal injury.
-  **CAUTION** Keep all moving parts free of obstruction (i.e. blankets, sheets, pads, tubing, etc.)
-  **CAUTION** Never remove any labels applied to the bed. Failure to do so could result in personal injury or equipment damage.
-  **CAUTION** Do not exceed the maximum allowable weight capacity on this bed. The maximum weight is the sum of the resident/patient, mattress, bedding material, and accessories.

-  **CAUTION** To avoid a fire hazard; do not use the bed in an oxygen-enriched environment or in the presence of explosive gases.
-  **CAUTION** To avoid an electric shock hazard; do not plug the power cord into a wall outlet if the power cord is damaged, if the ground pin is missing, or if the wall outlet does not provide for the power cord ground pin.


Bed Articulation Safety

-  **WARNING** Always confirm the area under the bed and end-boards is free and clear of children, inattentive adults, pets, and objects when pivoting the bed.
-  **WARNING** Do not place body parts or objects under bed or moving part mechanisms. Failure to do so could cause serious injury or equipment damage.
-  **WARNING** Electric drive bed mechanisms can cause serious injury if operated improperly. Operate the bed only when persons are clear of the mechanisms.
-  **CAUTION** When pivoting bed in chair position, always ensure limbs or extremities are not under any portion of the bed or mattress.
-  **CAUTION** Always confirm limbs or extremities are within the perimeter of the mattress and not in a position where they can be trapped or pinched by the support arms and assist bars when adjusting head and knee elevation.
-  **CAUTION** Keep moving parts of bed free of obstructions, including bedding, heating pads, tubes, cords and wires. Items caught in moving parts may be crushed, cut or pulled during bed adjustment.




Side Rail and Assist Bar Safety

-  **WARNING** Always confirm the side rail and assist bars are locked in the raised position. Improperly locked support arms and assist bars can result in a fall hazard due to sudden unexpected movement.



Options and Accessories Safety

-  **CAUTION** Use only bed accessories and bed replacement parts supplied or approved by Med-Mizer® for this bed. Third party accessories and replacement parts that are not approved by Med-Mizer® may result in personal injury or equipment damage.

Cleaning Safety

- 
WARNING Do not spill or spray liquid on the bed. Excessive liquid on the bed can result in an electric shock hazard. In the event of a liquid spill or excessive liquid on the bed, unplug the bed immediately. Remove excess liquid and allow bed to dry thoroughly before restoring power.
- 
CAUTION Follow manufacturer’s instructions for proper use of cleaning agent. Improperly diluted or improperly applied cleaning agents can result in inadequate disinfection or a caustic burn hazard.
- 
CAUTION Clean the hand control regularly to ensure good hygiene standards.

Maintenance and Service Safety

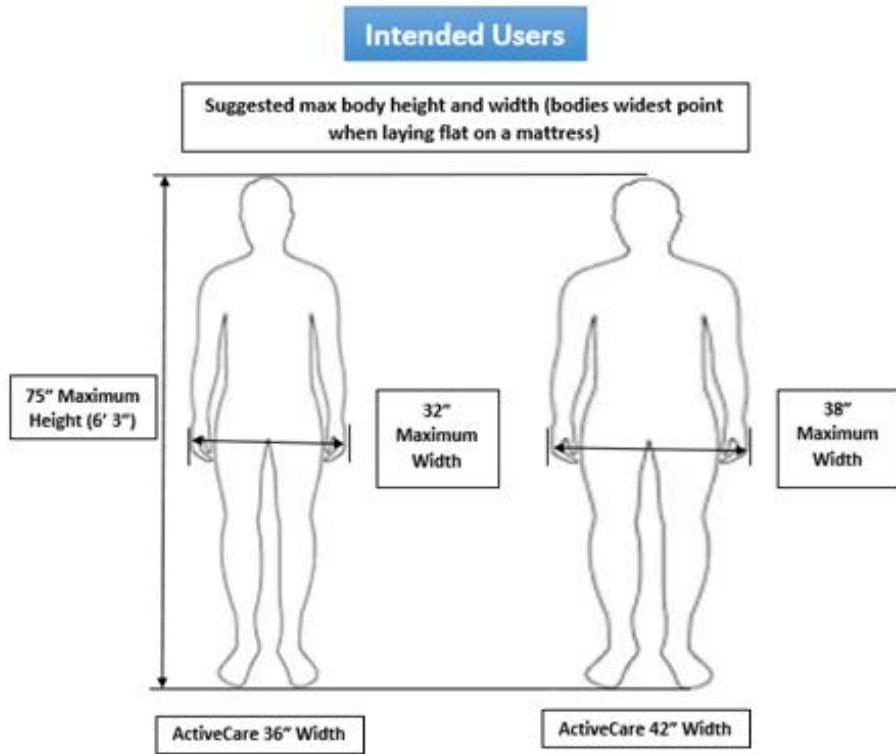
- 
WARNING Before performing bed maintenance or service, unplug the power cord to avoid an electric shock hazard.
- 
WARNING If a fault or problem is found during preventative maintenance inspections, remove the bed from service until the appropriate repair or adjustment is made.

Specifications

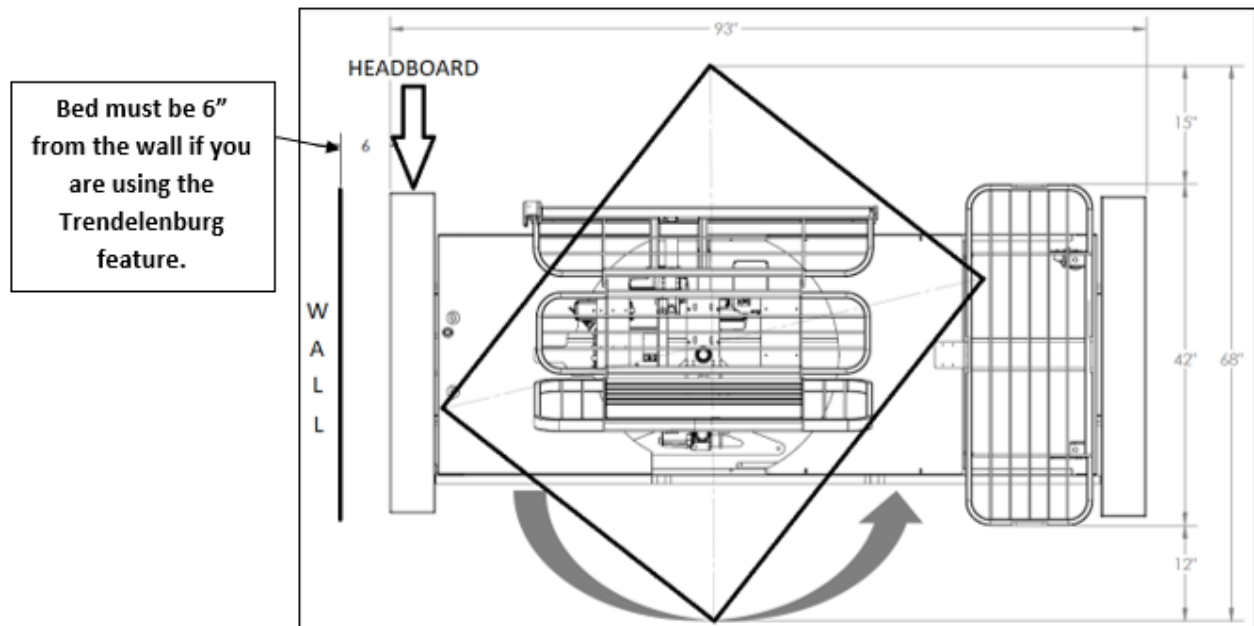
“Low” Deck Height Range	12.50”
“High” Deck Height Range	17.50”
Safe Working Load	600 lbs.
Overall Bed Widths	36", 42"
Overall Bed Length	88.00"
Overall Bed Weight	36”: 313lbs 42”: 323lbs
Overall Bed Weight with boards	36”: 335lbs 42”: 345lbs

Maximum Head Angle	58° ± 3°
Maximum Head Angle(Pivoted)	90° ± 3°
Maximum Knee Angle	29° ± 3°
Power Requirements	120 VAC, 50 Hz
Maximum Current Draw	4.5 amps
Controller Output Voltage	24 VDC

Intended Users



Bed Placement Dimensions



Options and Accessories

- UD-MM (Up Down Rails)
- MBAR-Left (Mobility Bar Left Side)
- MBAR-Right (Mobility Bar Right Side)
- 6045 (3" Caster option to raise bed height)
- 6195 (5" Caster option to raise bed height)
- Battery Backup (Factory Option Only)

End Board and Runner Panels



Headboard and Footboard Finish Options

Custom Headboard and Footboards Available

Unpacking (If Shipped LTL/Commercial)

Tools Required:

Utility knife

Side-cutting shears

9/16" Wrench

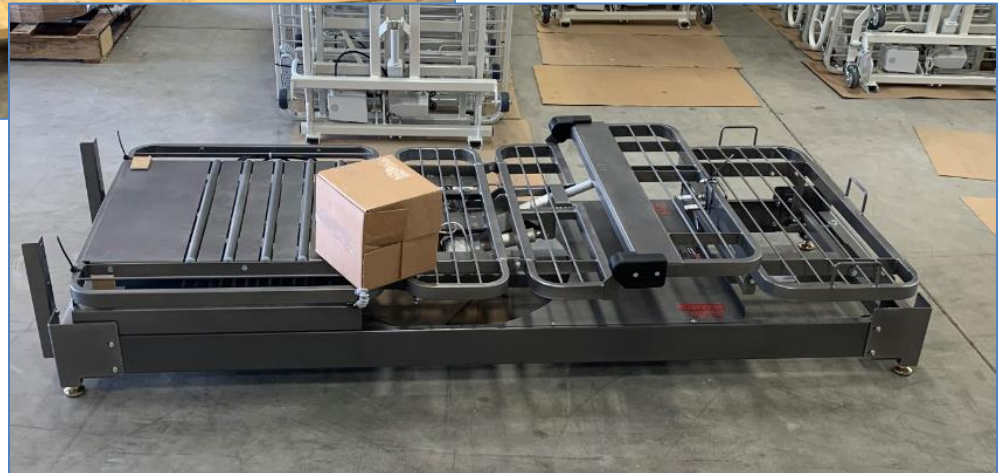
1. Carefully remove shrink wrap with utility knife. (*Do not puncture boxes or mattress*)



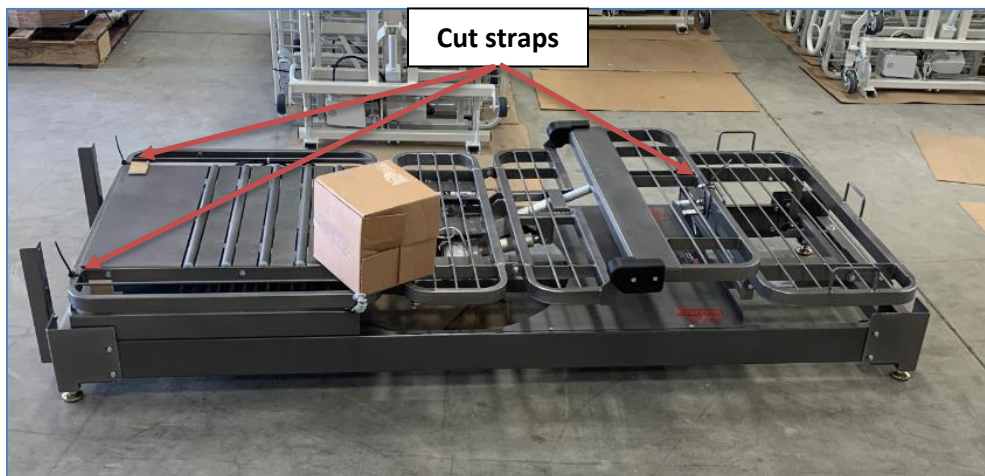
2. Cut the straps holding the boxes, bed and mattress on the pallet.



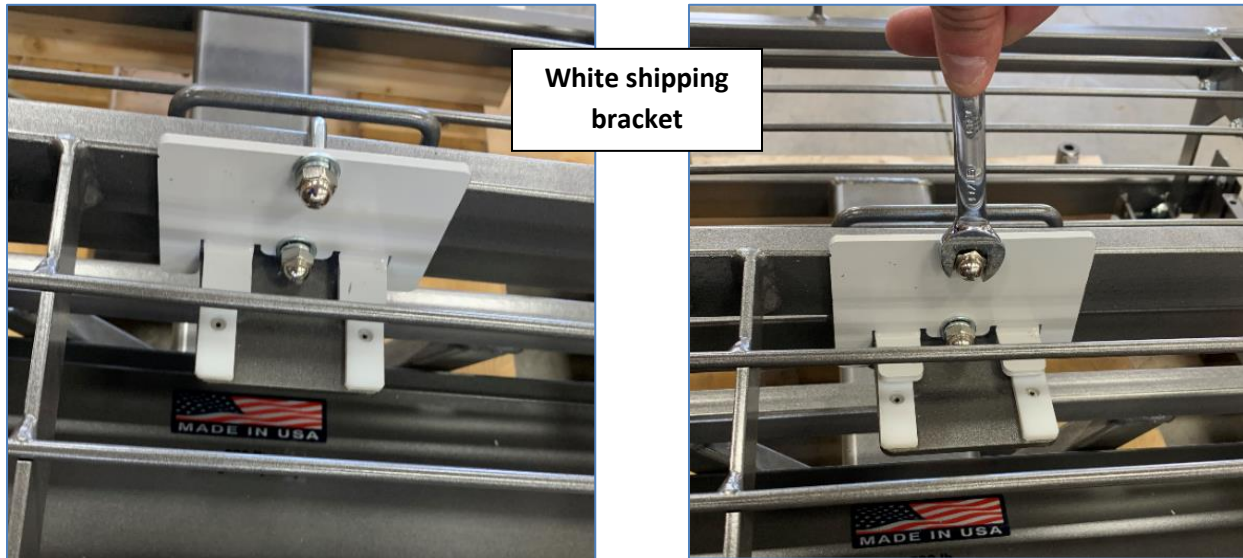
3. Remove the boxes and mattress and put off to the side, then lift all four corners to place the bed in its permanent location.



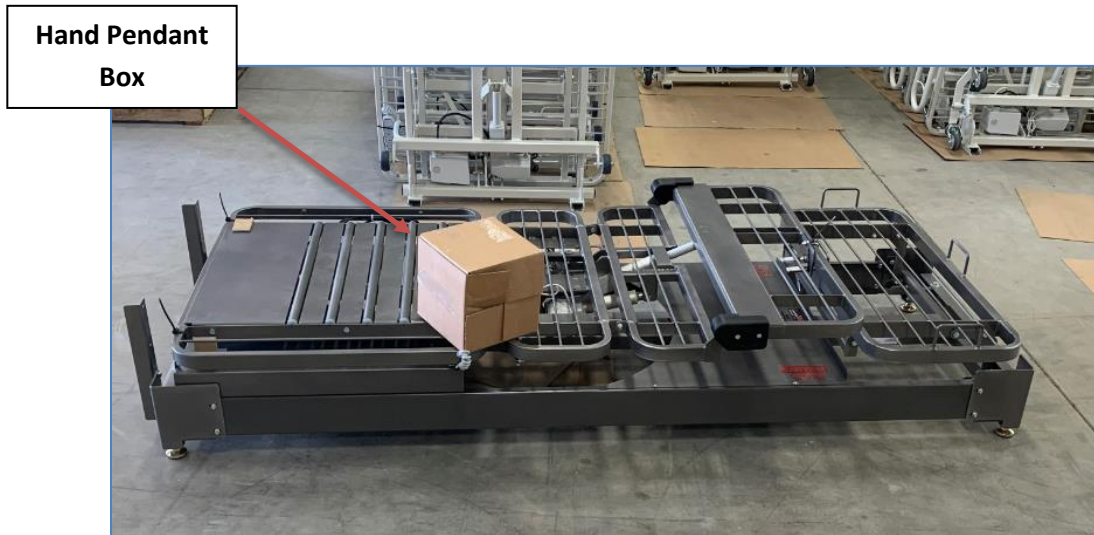
4. Remove tie cables.



5. Remove white shipping bracket from frame. *(use 9/16" wrench)*



6. Remove hand pendant from the box.



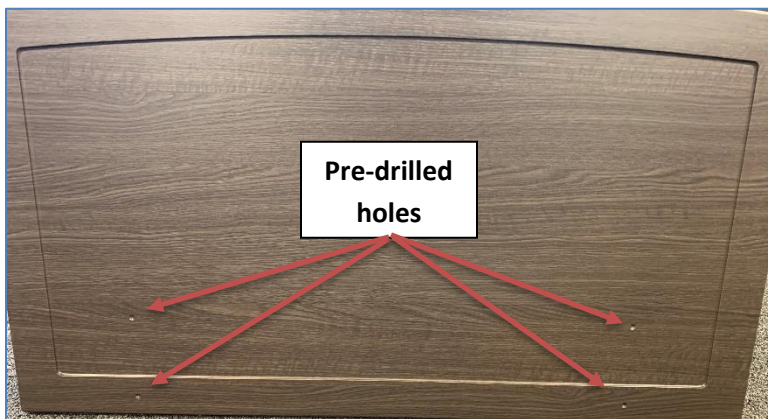
Assembly

Tools Required:

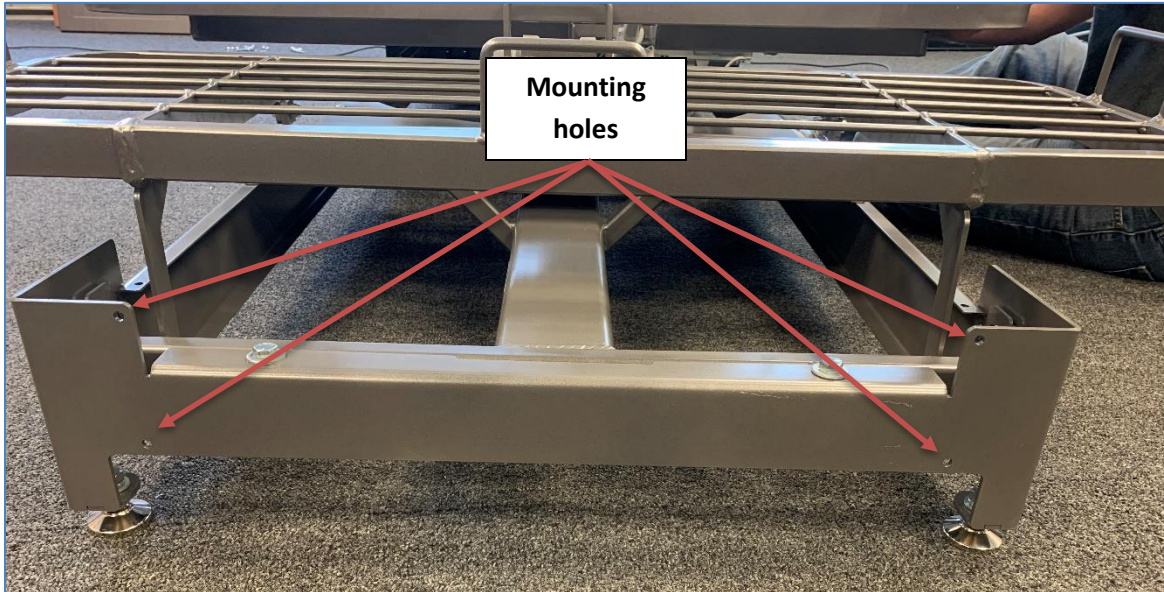
- 7/16" Ratchet
- 7/16" Socket
- Ratchet handle
- Soft/Rubber hammer or mallet

1. Removed boards and hardware from box. Once removed, gently hammer in the carriage bolts predrilled holes on the board.

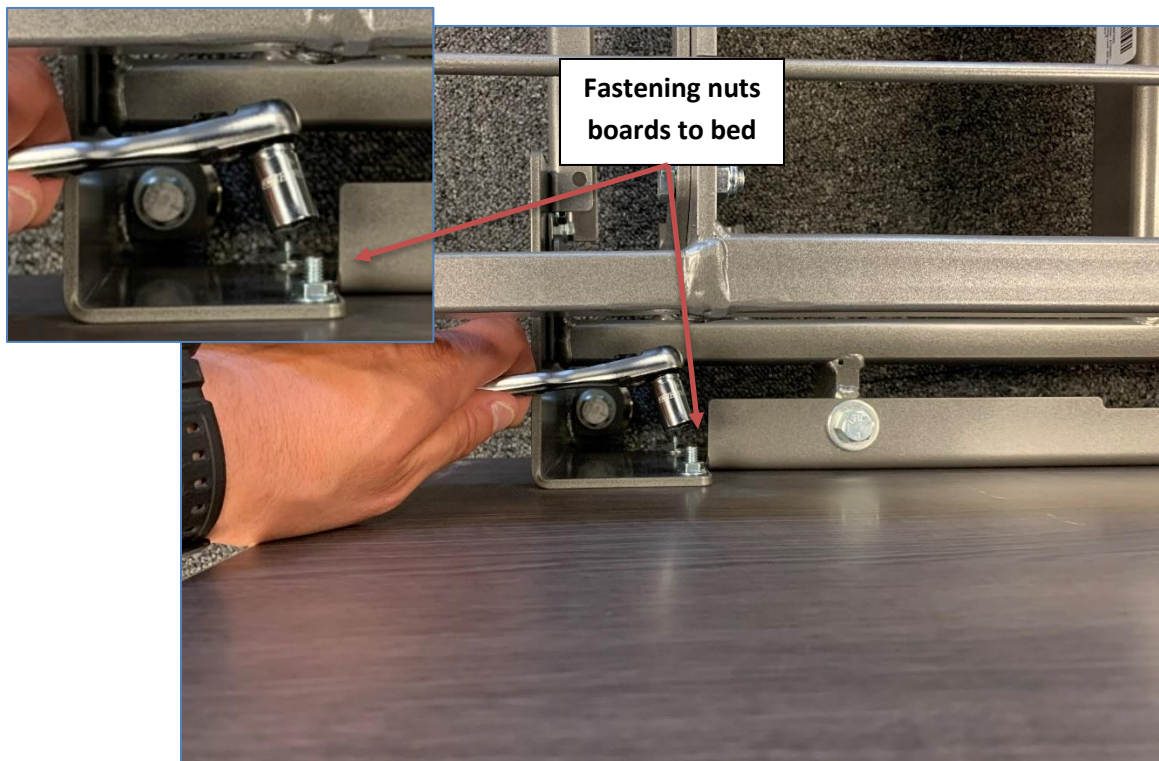
Note: Head and foot boards are identical so you will need to do this twice.



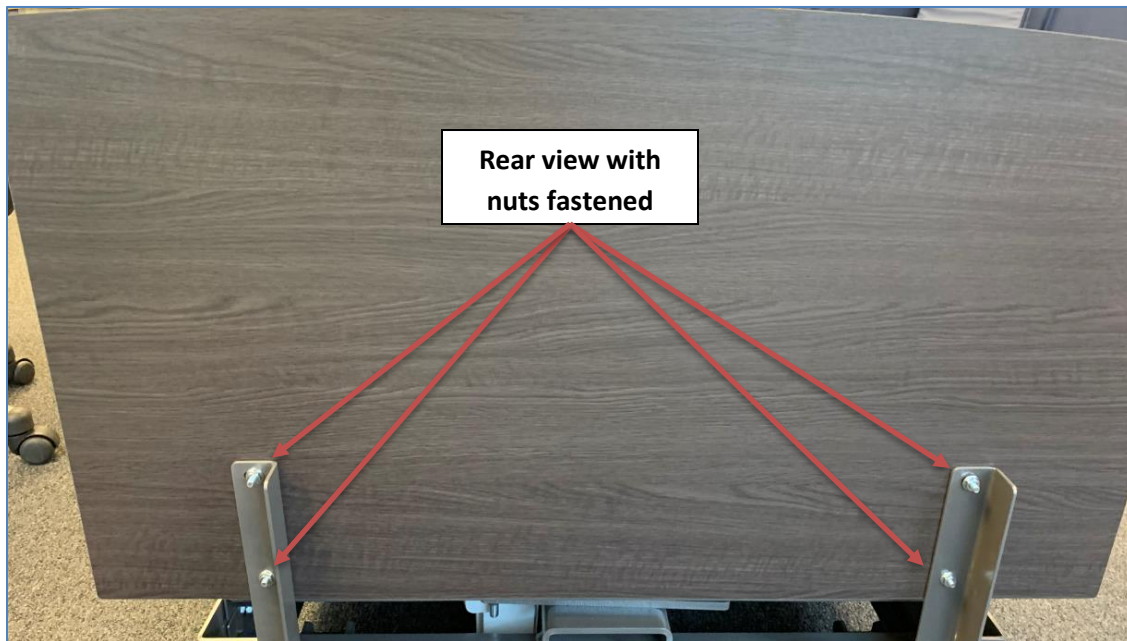
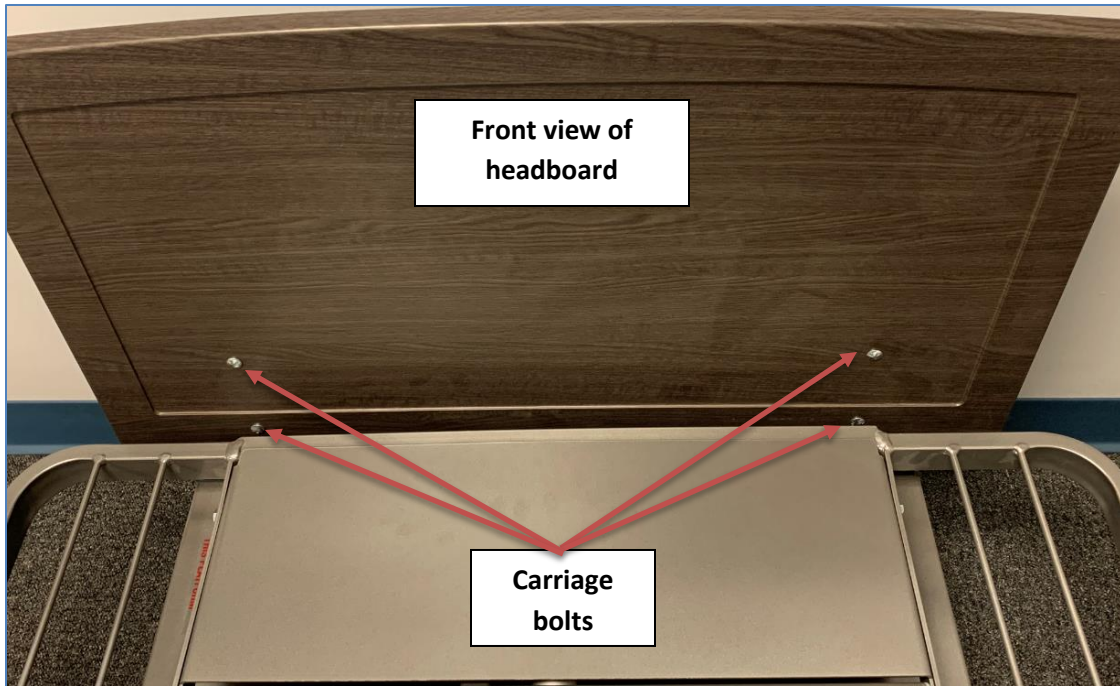
2. Locate mounting holes on the foot of the bed to install the board.



3. Install board and bolts onto the foot of the bed, then fasten the flange nuts and tighten with a 7/16" socket.



4. Install headboard to the mounting bracket.

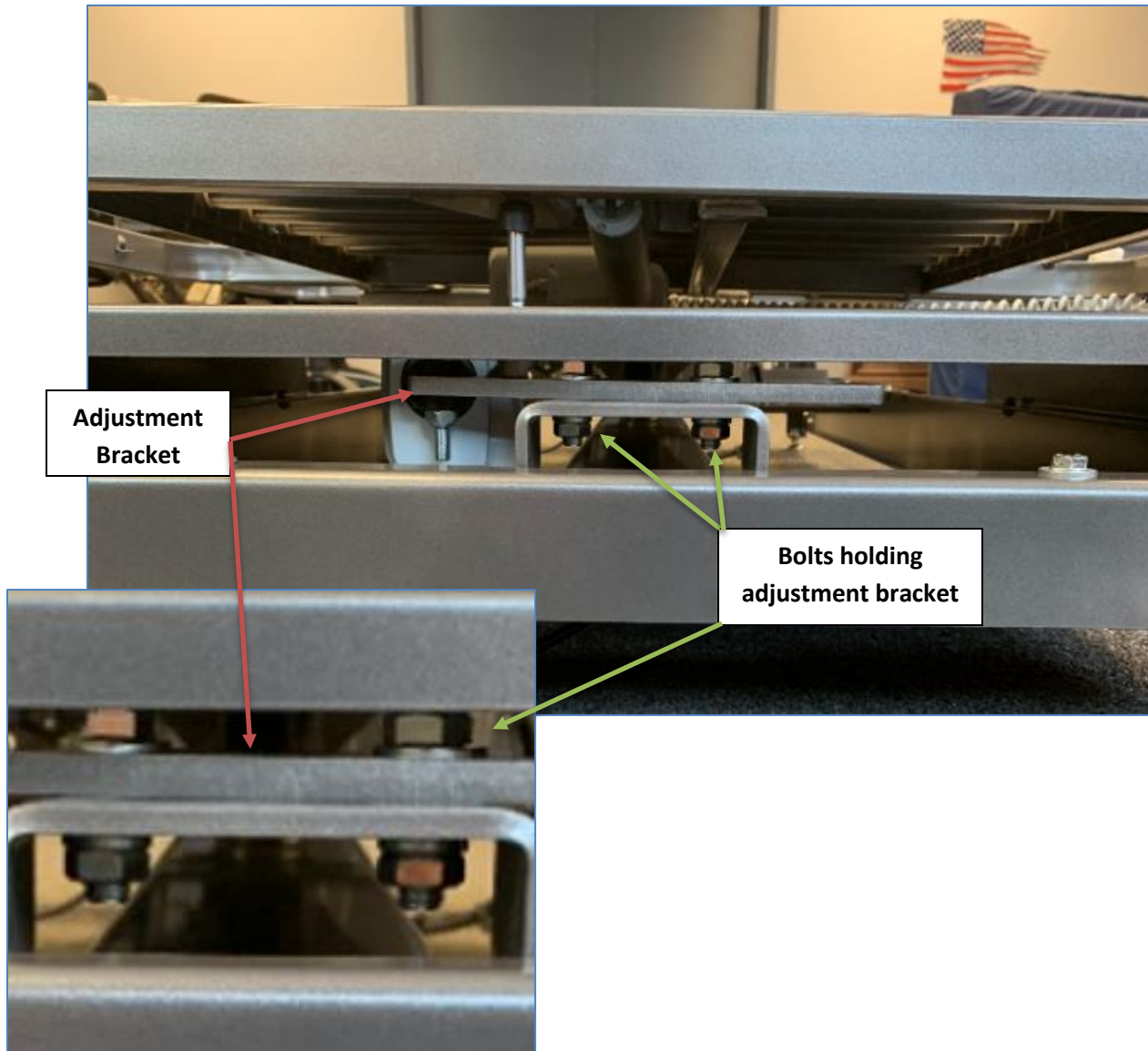


Pivot Alignment *(If Needed)*

Tools Required:

- (2) ¾" wrenches

1. Go behind the headboard of the bed and find the adjustment bracket and the two bolts.



- Using the two ¾" wrench loosen each bolt ¼ turn, do not fully disassemble. Once loose, straighten the bed out. View images below to see incorrect alignment and correct alignment. The pivoting and fixed sections of the bed should be parallel. Once straight retighten the bolts.



**Incorrect
Alignment**



**Correct
Alignment**



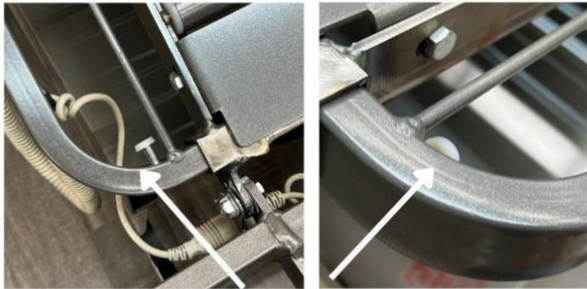
Mattress Installation

1. Before mattress installation, the head section must be adjusted to match the rest of the sleep surfaces.

Setting up the ActiveCare - Adjusting the head section



Bed ships with head section pushed in if rails are attached



Push both release buttons inside the frame, slide the frame out for the needed width



Looking at the head of the bed frame

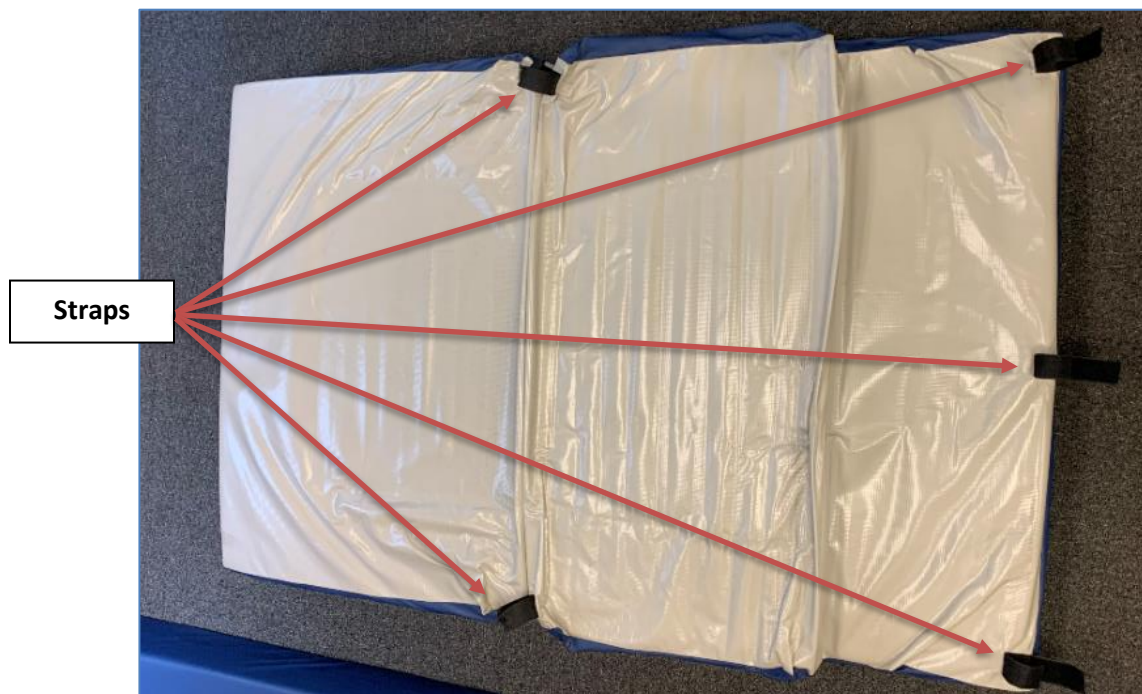
Note: The head section adjustment is intended to assist in fitting the bed through narrower spaces; simply narrow the width for transport and return it to its intended width when the bed reaches its intended location.

- Using the auto-contour button raise the head and leg section of the bed.

Note: Mattress installation is the same for the fixed, standard, and deluxe models.



- Locate the straps on the back of the mattress.



4. Place mattress on bed and Velcro the straps to the sleep surface.



5. Install foot portion of the mattress with the slope going towards the foot board.



Pivot Bed Turn Left *(factory installed to turn right)*

Tools required

- 17mm wrench
- 17mm socket
- Drill/Impact

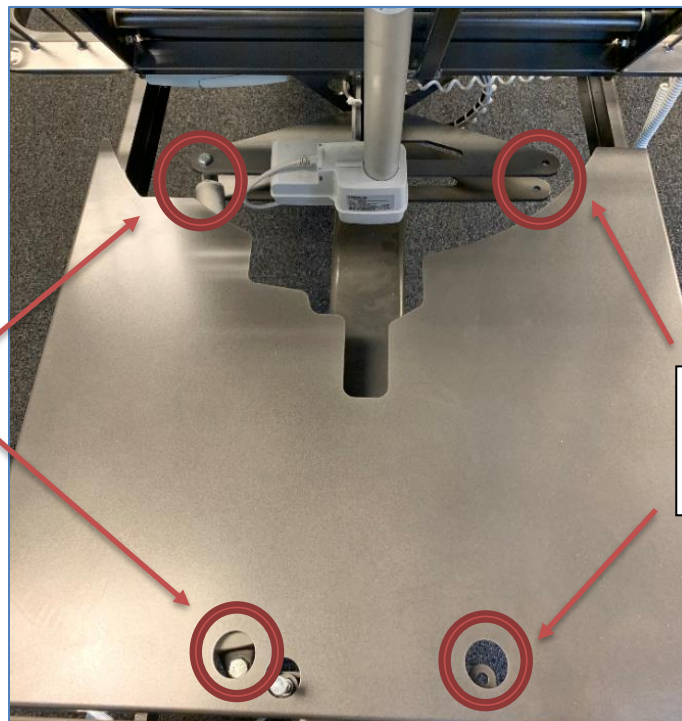
1. In the bed position, raise the height of the bed and head of the bed to its highest point.

Bed and head section
raised all the way up

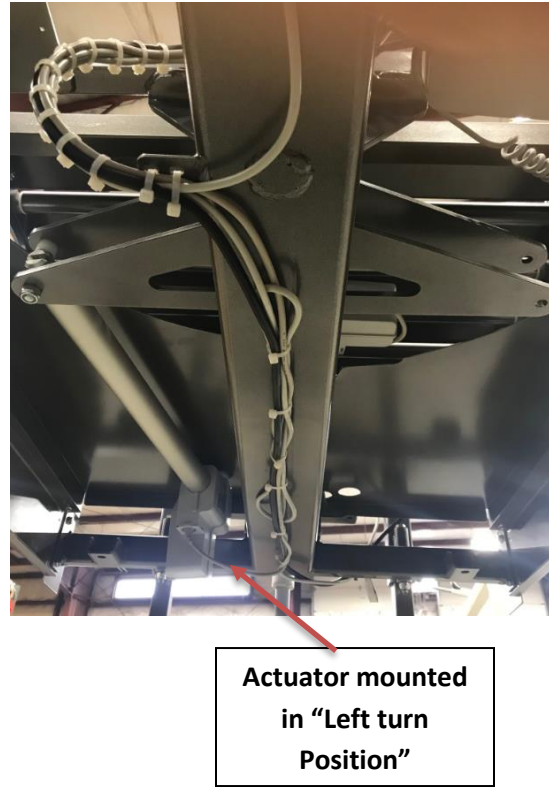
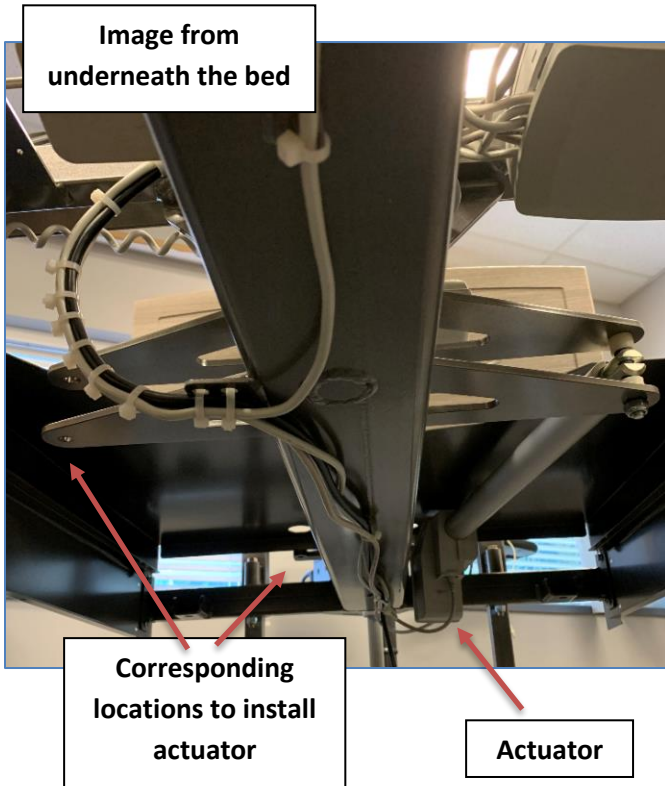


2. Locate and remove the two bolts pictured below that hold the actuator into place. Once removed, install the actuator to the corresponding holes on the opposite side of the bed.

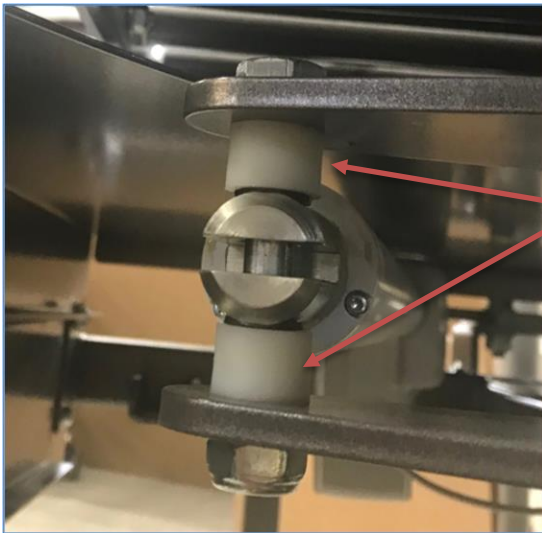
Remove bolts
using 17mm
wrench and socket



Corresponding
locations to install
actuator

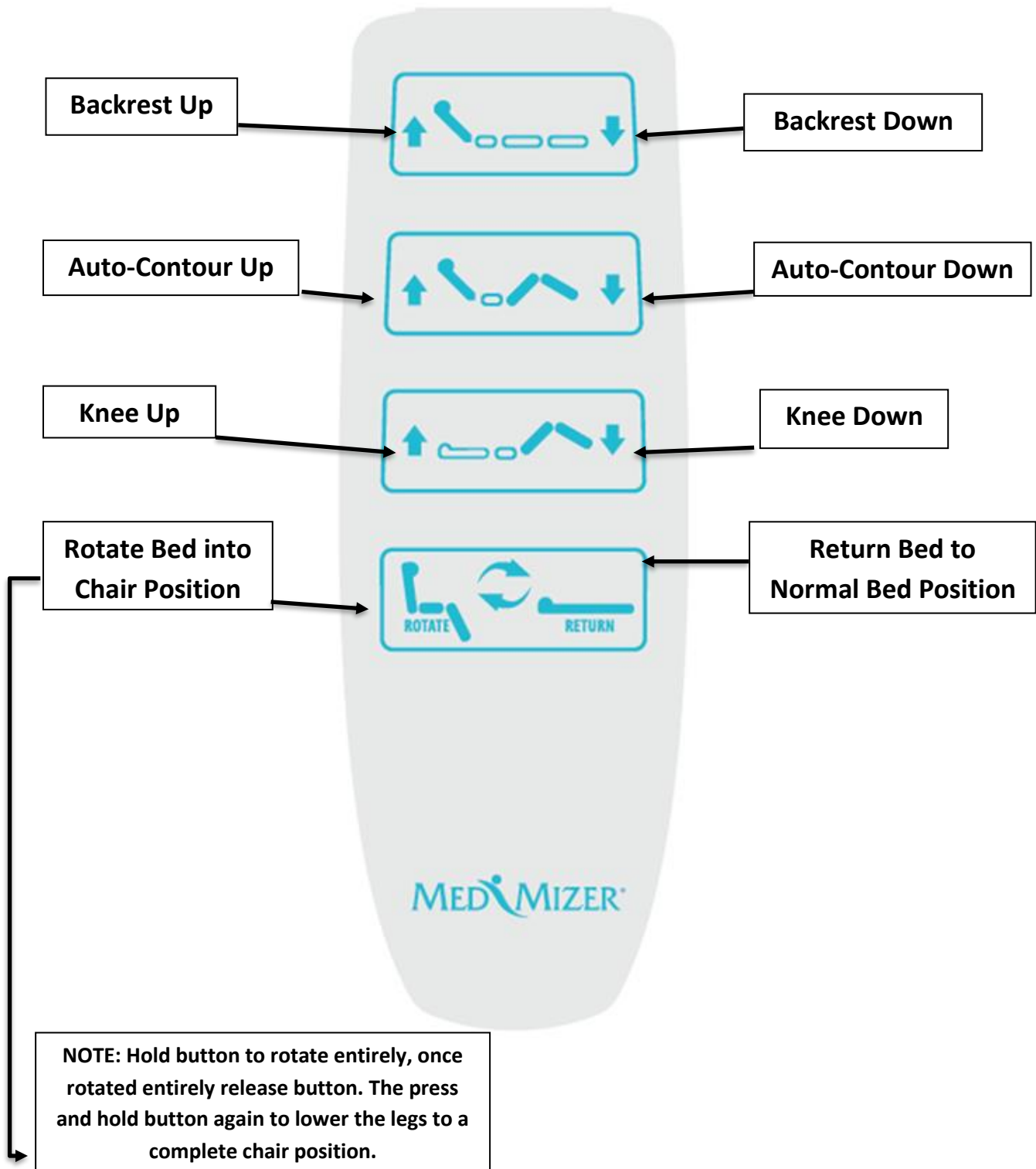


3. Install fasteners and spacers back in actuator. Tighten the fastener so that the bolt comes through the nylon nut but do not overtighten or the actuator will bind causing damage,



Control Options

Hand Pendant Control



Bed Transport

The fixed bed is not equipped with casters. A cart or dolly must be used to move the bed unless the bed is equipped with a caster upgrade. Head section can be narrowed to reduce overall width of bed during transport; see details in “Mattress Installation”

*NOTE: The bed is **not** intended to provide a means for transport of the occupant.*

⚠ CAUTION: Never operate bed while in Transport Mode

Maintenance

Cleaning

The frame can be cleaned/disinfected with a disinfecting wipe. Disinfectant should always be applied to a cloth; never spray directly on frame or controls. After applying cleaning agent, allow the surface to dry prior to placing unit back in service. Clean frame as needed.

Maintenance and Service

NOTICE: RECOMMENDED TO PERFORM PREVENTIVE MAINTENANCE EVERY 12 MONTHS FOR BEST PERFORMANCE.

1. Inspect the frame for weld cracks or tears.
2. Check that all bolts, pins and fasteners are still in working order.
3. Perform functional test on the frame.
4. Inspect the casters for wear and tear.

Preventative Maintenance Inspections	Problem Resolution
Inspect bed frame for cracks, tears or bending, particularly at welds and joints.	Remove bed from service. Contact Med-Mizer® customer service.
Inspect electrical enclosures for cracks or other damage.	Remove bed from service. Contact Med-Mizer® customer service.
Check that screws, bolts, pins and other fasteners are in place, secured and properly tightened.	Remove bed from service. Tighten loose bolts and screws. Contact Med-Mizer® customer service to order missing or damaged fasteners.
Inspect actuators for excessive wear and misalignment.	Remove bed from service. Contact Med-Mizer® customer service.
Inspect power cord for damage including the plug and strain relief.	Remove bed from service. Contact Med-Mizer® customer service to order replacement power cord.

Verify that cables and wires are properly retained and clear of moving parts.	Remove bed from service. Securely retain wires so they are clear of moving parts. Contact Med-Mizer® customer service to order replacement missing or damaged wire fasteners.
Verify the plug connectors for the controls, drive motors, and motor control box are fully engaged.	Fully engage connectors that are not properly engaged.
Verify the side rails/ assist bars latch securely in the raised position.	Remove bed from service. Contact Med-Mizer® customer service.
Verify all casters securely lock when activated.	Remove bed from service. Contact Med-Mizer® customer service to order replacement non-locking casters.
Verify that all bed control switches operate correctly.	Contact Med-Mizer® customer service.

Service Parts List

Contact Med-Mizer® customer service at (877) 867-7365 to order parts

PART	DESCRIPTION
6201	LINAK POWER CHORD 11 FOOT W/ GROUND CABLE (912143)
6948	HI/LOW & HEAD (400402500A0M0G26+31DB142322000)
6949	KNEE ACTUATOR (400400550A0M0B26+11DB129342000)
6950	PIVOT ACTUATOR (400904000A0M0G26+11DB161332000)
6951	LEG ACTUATOR (400401300A0M0B26+11DB130012000)
6952	CONTROL BOX (CO61-U047-01)
6992	HB84 HANDSET, PIVOT BED LITE
6958	CONTROL BOX MOUNTING BRACKET (1015W1001-C)
6974	POWER JUNCTION BOX - PJ2+19200S00000
7006	ACTUATOR CABLE HEAD/KNEE MOTOR 750MM (00914681-750-B)
7007	ACTUATOR CABLE PIVOT MOTOR 1575MM (00914681-1575)
7008	ACTUATOR CALE LEG MOTOR 600MM (00914681-600)
7058	COVER, KNEE PIVOT LEFT
7059	COVER, KNEE PIVOT RIGHT
7177	CHERRY BOARD
7179	RIFT OAK BOARD
7181	OBSDIAN BOARD

Troubleshooting		
Issue	Potential Cause	Potential Correction
The bed does not Respond to the remote control.	The remote control is not connected properly.	Reinstall the remote into the female port on control box.
The remote is installed, but still no functions.	Defective Remote Control	Replace remote with all cables needed.
	Loose actuator connections	Ensure all actuators and cabling are connected properly.
	Defective Control Box	Replace control box
Only some of the functions work but not all.	Actuator cable is loose	Reinstall actuator with c-clip
	Actuator is damaged	Replace actuator
	Remote control is defective	Replace hand control
	Control Box is defective	Replace control box
Bed makes beeping sound with no function.	Motors need to be re-initialized	See "Motor Re-Initialization" in manual

Control Box Reinitialization *(If needed)*

To reinitialize the bed, hold down the up and down head control buttons for 10 seconds until the beeping stops. This will reset the control box. Once this is reset the bed will need to be initialized. To perform this, hold the auto contour up button (third row of pendant) several seconds until the head and leg raise up slightly, then hold the auto contour down button until the bed returns to the flat position. At this point the bed should be reinitialized and should function properly once raised back up.

Warranty

Med-Mizer, Inc. warrants to the original purchaser that its products shall be free of defects in material and workmanship for a period of Lifetime on welds; 15 years on the bed frame; 2 years on the drive system; 1 year on wood products, casters, handsets, and miscellaneous parts. Med-Mizer's obligation under this warranty is expressly limited to supplying replacement parts for, or replacing, at its option, any product which is, in the sole discretion of Med-Mizer, found to be defective. This warranty does not cover failure due to negligence, accident, abuse or installation not in accordance with the company's instructions or failure to follow maintenance instructions.

If requested by Med-Mizer, products or parts for which a warranty claim is made shall be returned prepaid to Med-Mizer's factory. Any improper use or any alteration or repair by others in such manner as in Med-Mizer's judgment affects the product materially and adversely shall void this warranty.