



# ActiveCare-Deluxe

## 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** Keep the bed in low position when the occupant is unattended. High bed positions increase the risk of injury from falling when getting in or out of bed.

-  **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 raising and lowering or 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 lowering the bed or knee 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

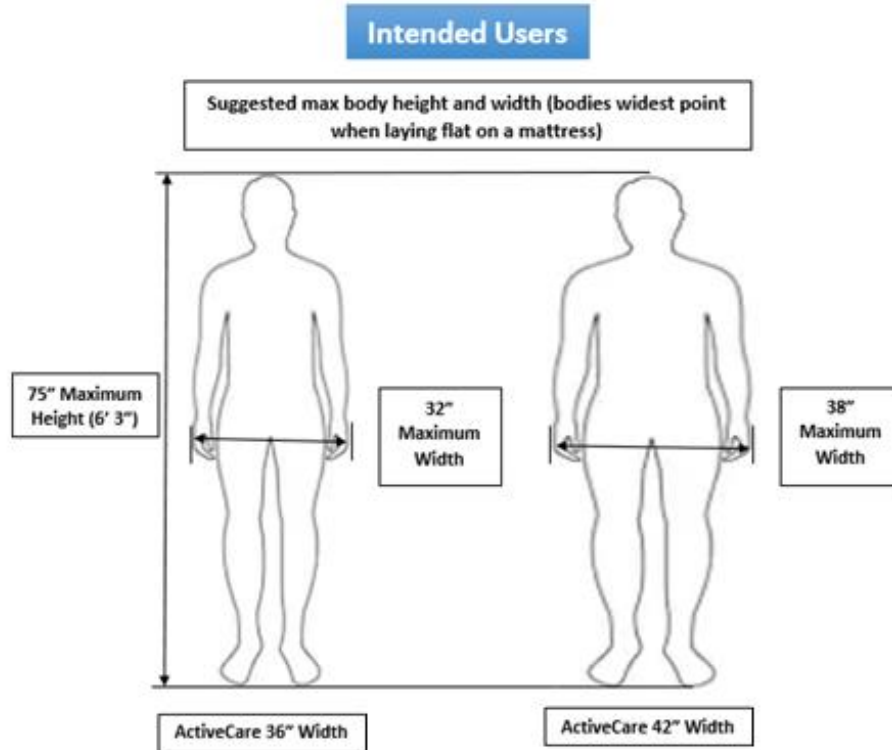
- ⚠ WARNING** Before performing bed maintenance or service, unplug the power cord to avoid an electric shock hazard.
- ⚠ WARNING** If a fault or problem is found during preventative maintenance inspections, remove the bed from service until the appropriate repair or adjustment is made.

### Specifications

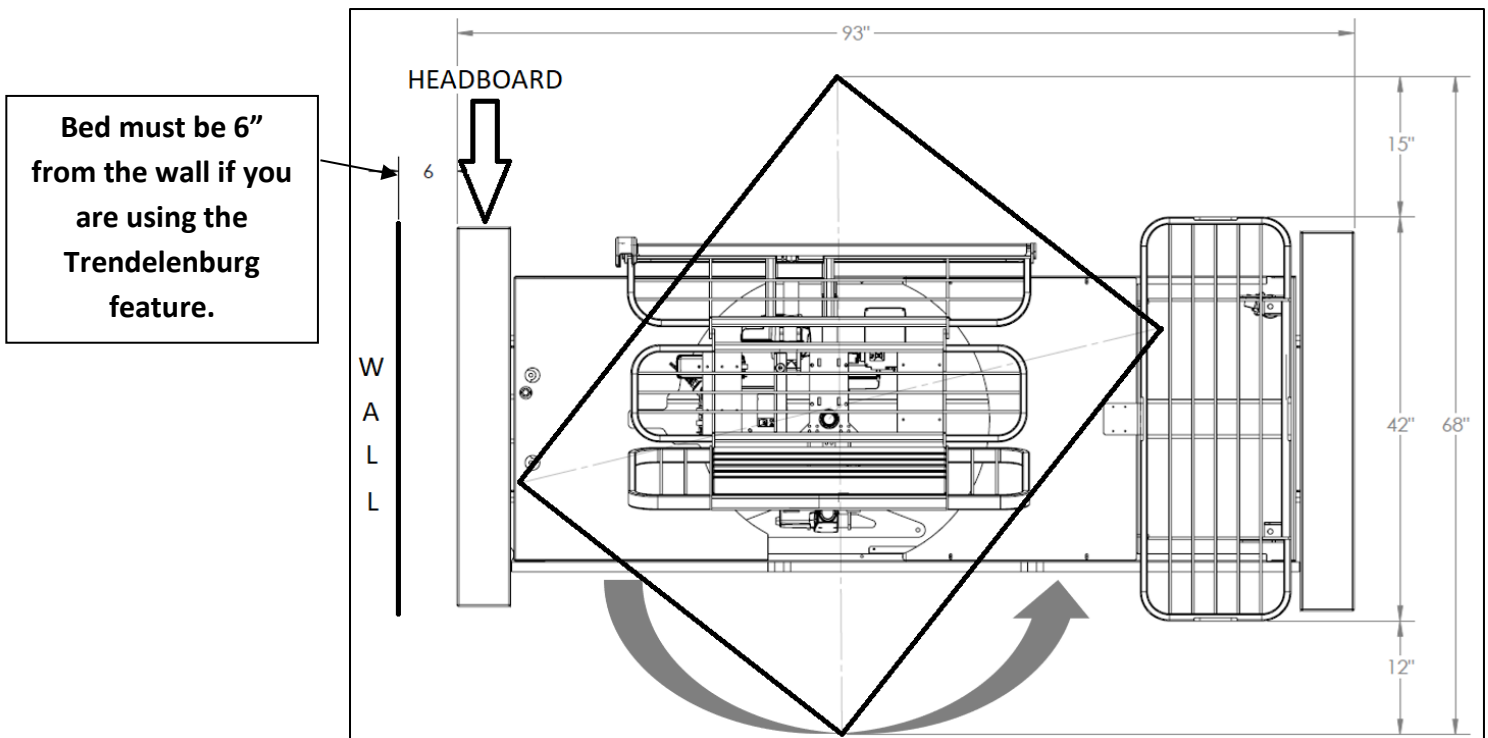
“Low” Deck Height Range	13.625”
“High” Deck Height Range	28.5”
Safe Working Load	600 lbs.
Overall Bed Deck Widths	36", 42"
Overall Bed Length	94.00"
Overall Bed Weight	(36") 460lbs (42") 470lbs
Overall Bed Weight with boards	(36") 598lbs (42") 608lbs

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)
- 1/4 Length Deluxe Rail with matching top cap (Standard with bed)
- MBAR-Left (Mobility Bar Left Side)
- MBAR-Right (Mobility Bar Right Side)
- Trendelenburg Hand Pendant
- Battery Backup (Standard with bed)

### End Board and Runner Panels

#### Headboard and Footboard Finish Options

Custom Headboard and Footboards Available



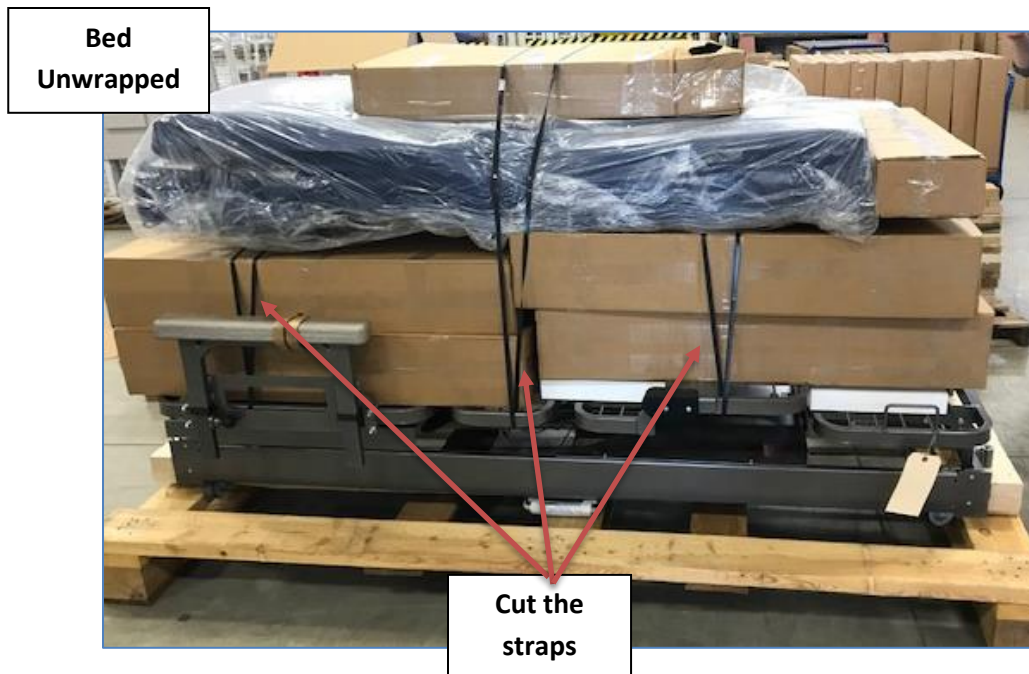


### Unpacking (If Shipped LTL/Commercial)

#### Tools Required:

- Utility knife/side cutting shears
- ½” Socket with ratchet/impact driver
- 9/16” Wrench

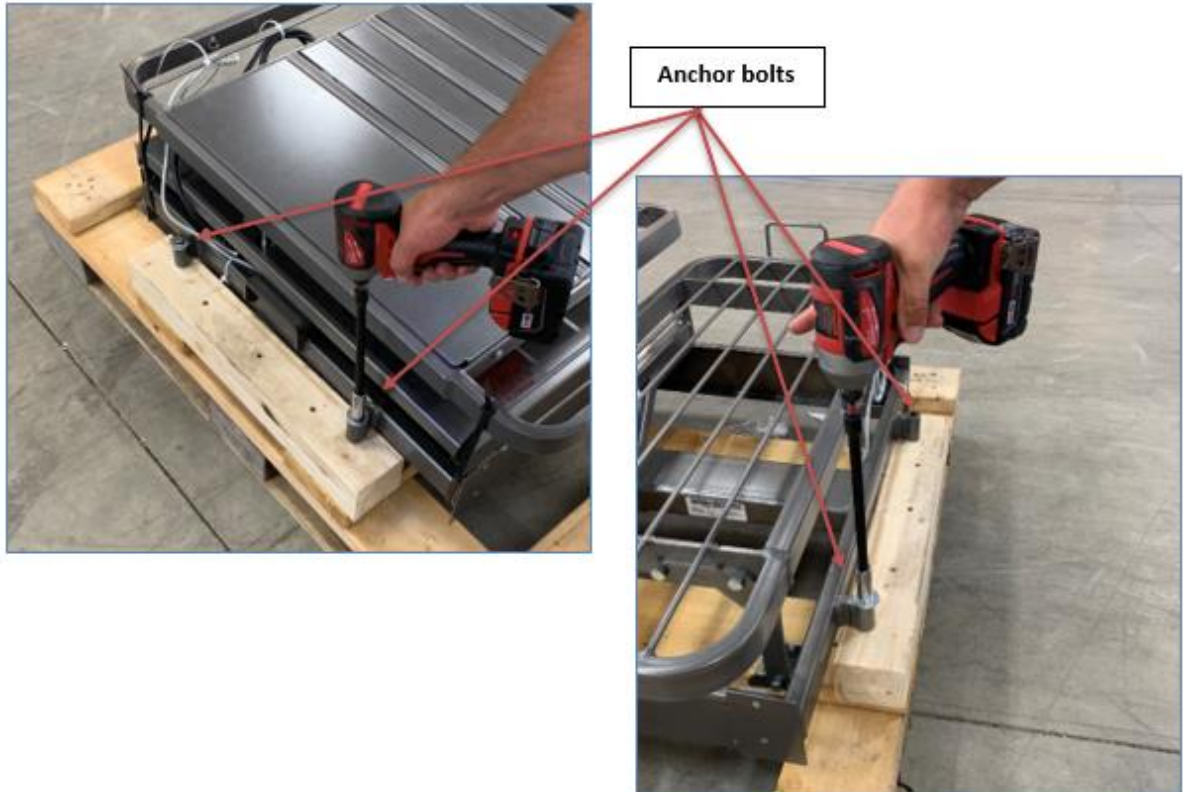
1. Carefully remove outside box and shrink wrap with utility knife. And cut the three straps holding the boxes. *(Do not puncture boxes or mattress)*



2. Remove boxes and mattress and put them off to the side.



- Using your ½” socket and impact/drill remove the four anchor bolts at each end of the bed.

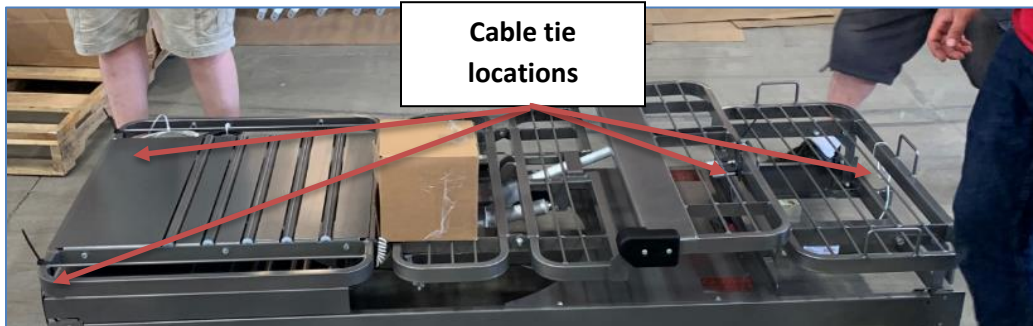


- Lift bed off pallet and rest on the casters in its final location.

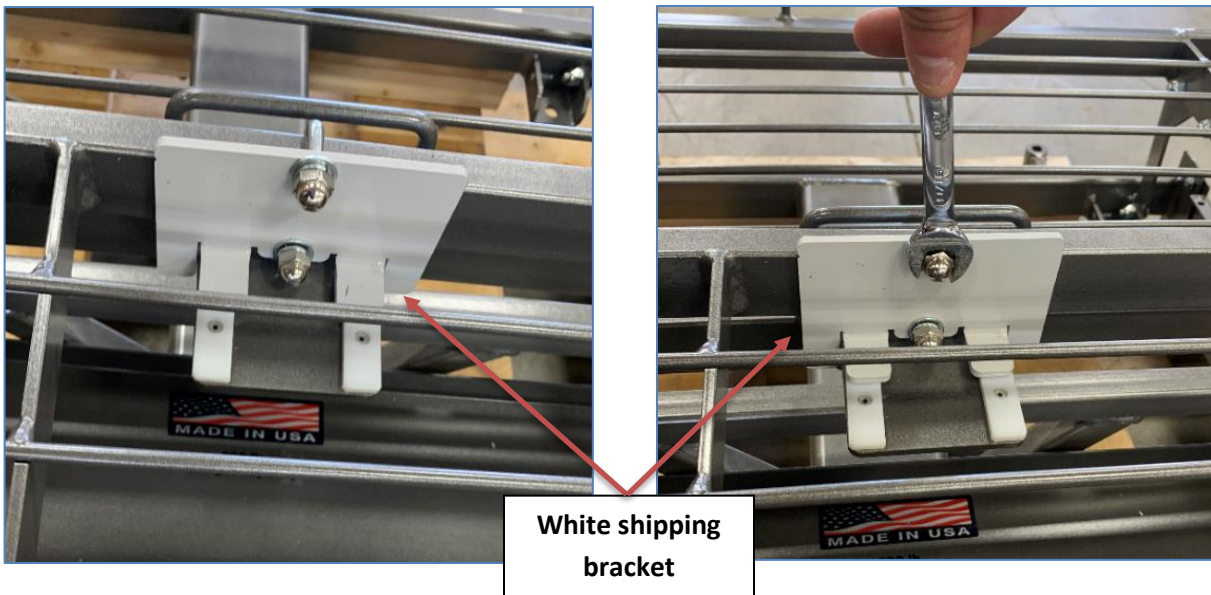




5. Remove cable ties from frame.



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



7. Remove hand pendant from box.



### Assembly

Tools required:

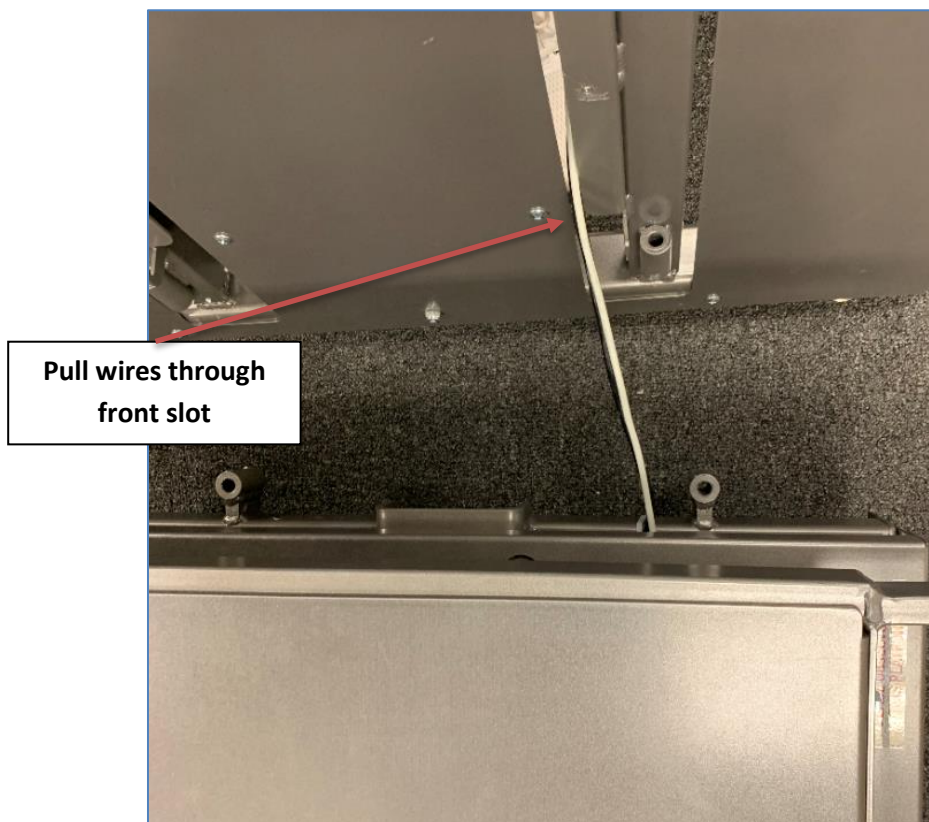
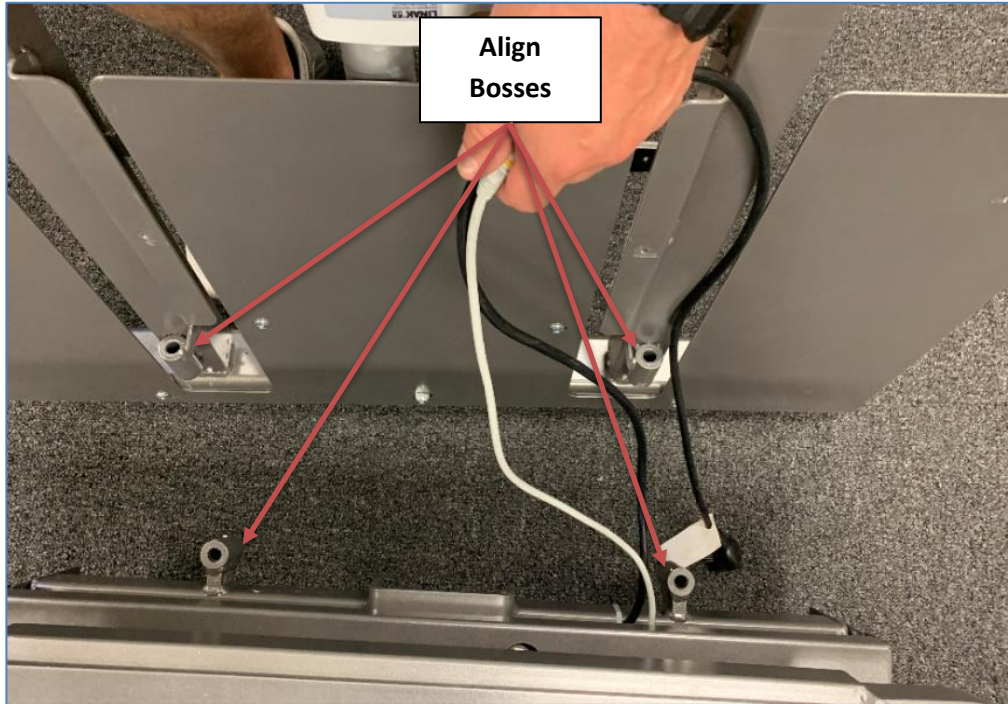
- 5/8" Wrench
- 5/8" Socket
- Impact drill
- 6" Impact extension
- Side Cutters
- 7/16" Wrench
- #3 Phillips screwdriver or bit

1. Unbox the head and foot high/low assemblies as well as identify the main frame head and foot.



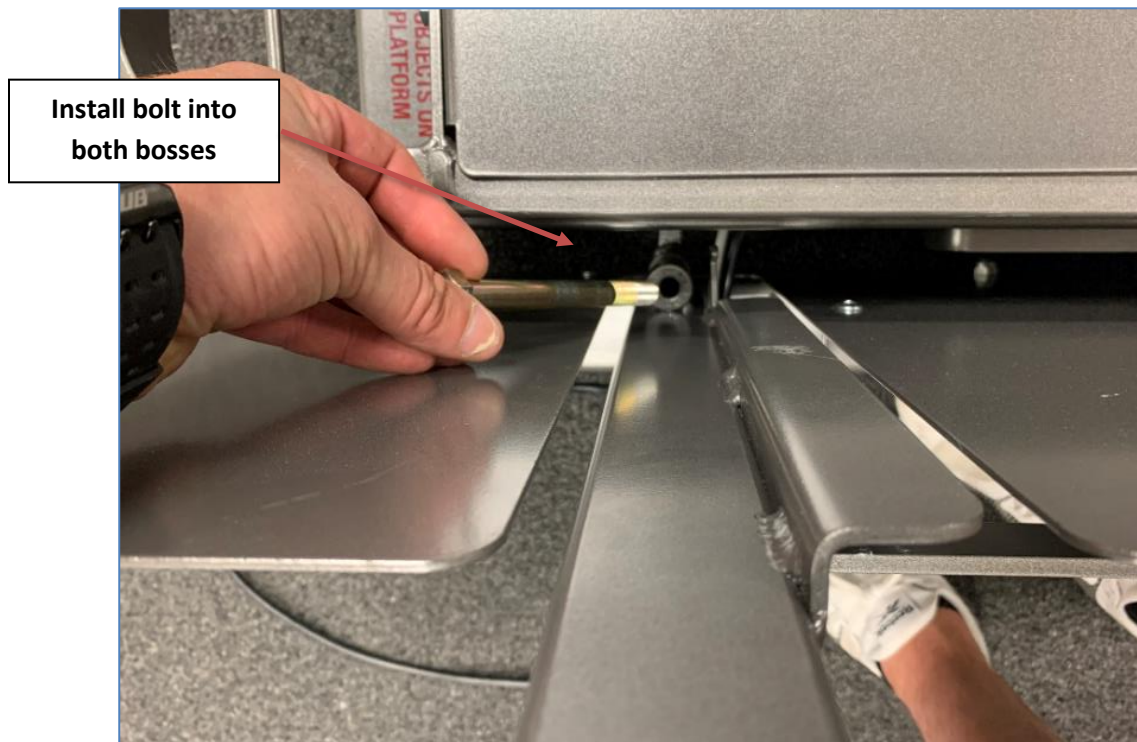


2. Attach head assembly to the of the main frame. Line up the bosses and pull wires through the front slot of the assembly.



3. Place the high/low assembly on top of the frame bosses and slide the bolt through bosses.

*Note: Reference page 15 image 4 for a side view.*





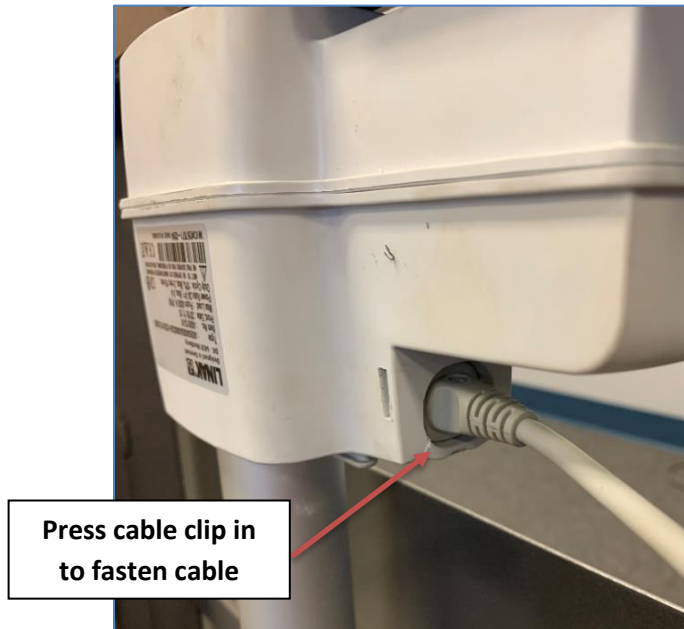
4. Fasten the nut and bolt together using a 5/8" wrench, impact/drill, impact extension, and 5/8" socket.



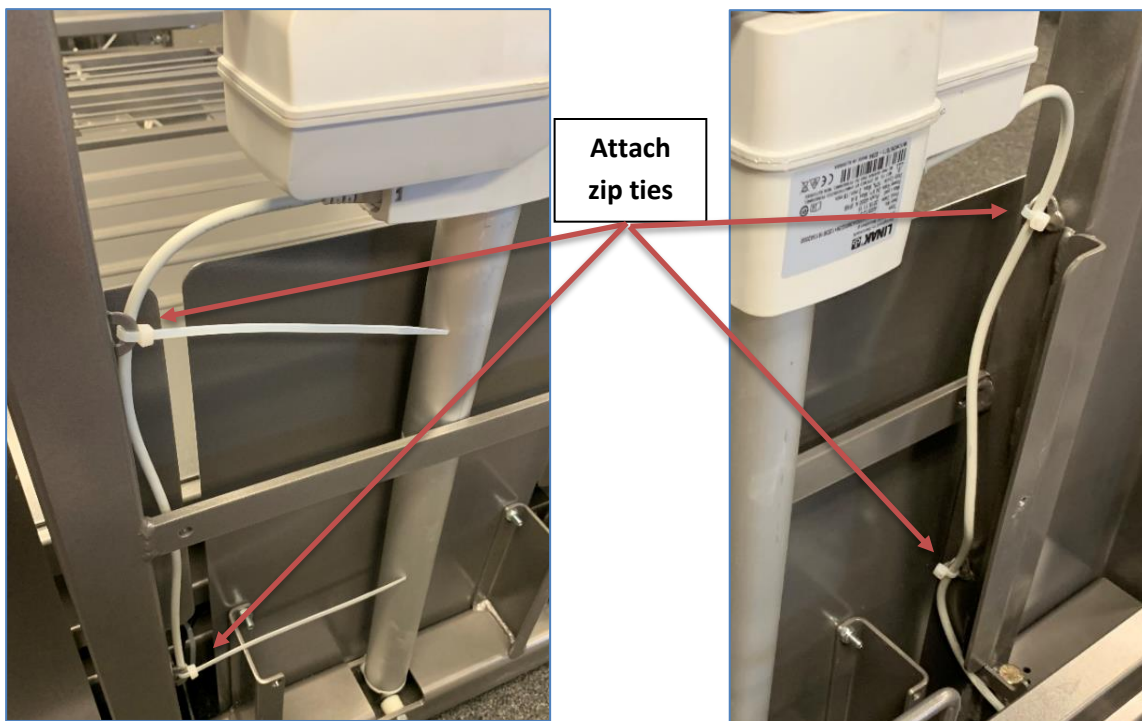
**Note: Very important  
to tighten nut on bolt  
thoroughly**

5. Plug high/low actuator cable into actuator. Push in cable thoroughly, then press clip in to lock cable into place.





6. Attach cable cord to lift column using two zip ties provided with the bed. Cut excess when cord is attached.



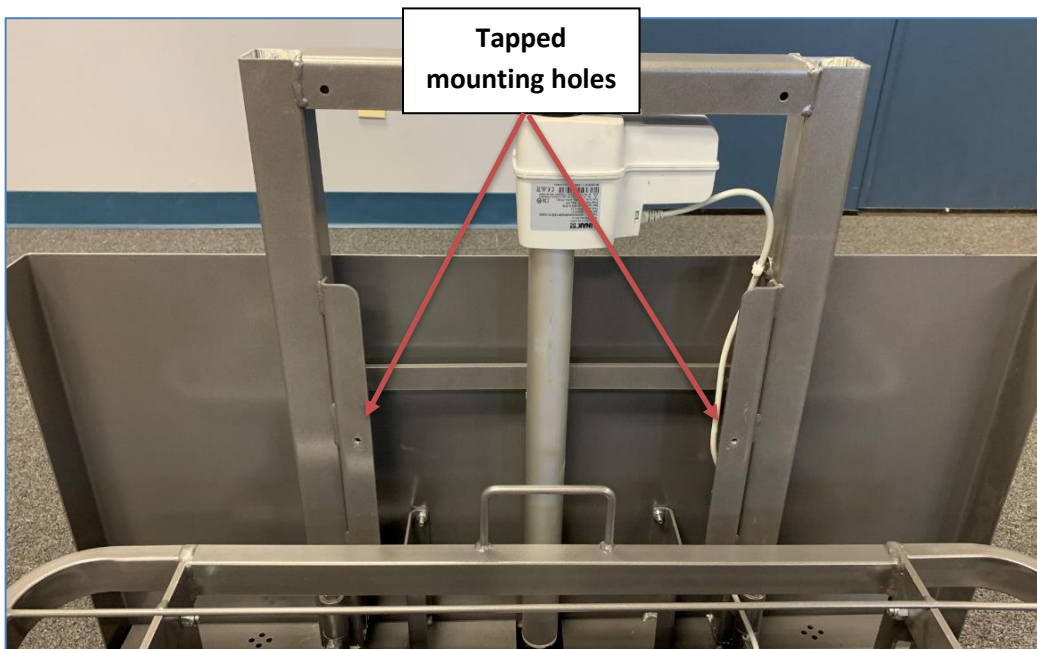


7. Repeat steps 2 through 6 for the foot high/low assembly.
8. Unbox the end boards for the bed.

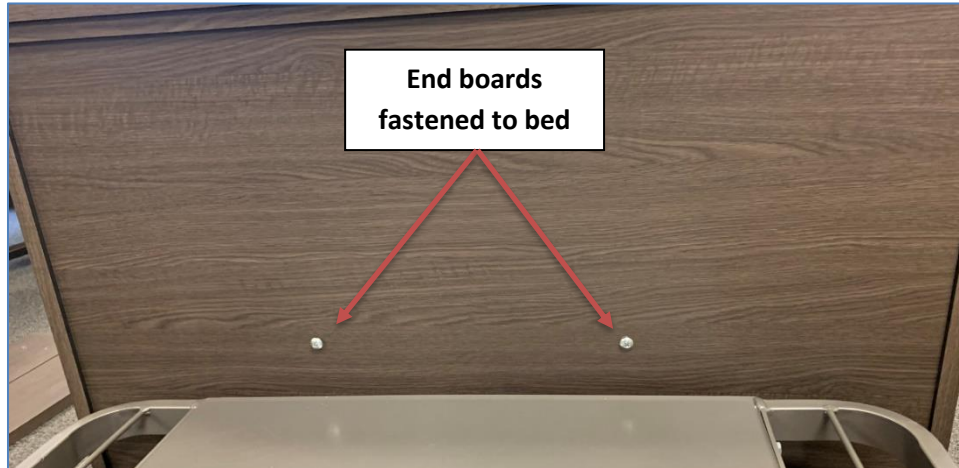
*Note: (End boards are identical for head and foot)*



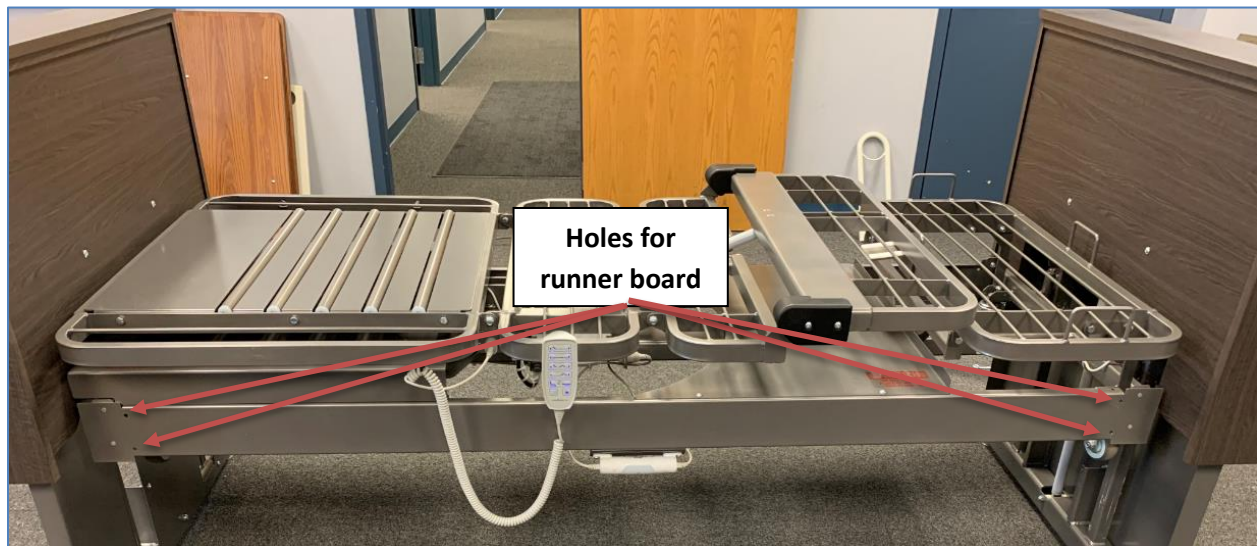
9. Locate tapped mounting holes on each end of the high/low assemblies.



- Slide end board over high/low assembly and screw the Philips pan head bolt into the tapped holes. Do this for both the head and foot assemblies.

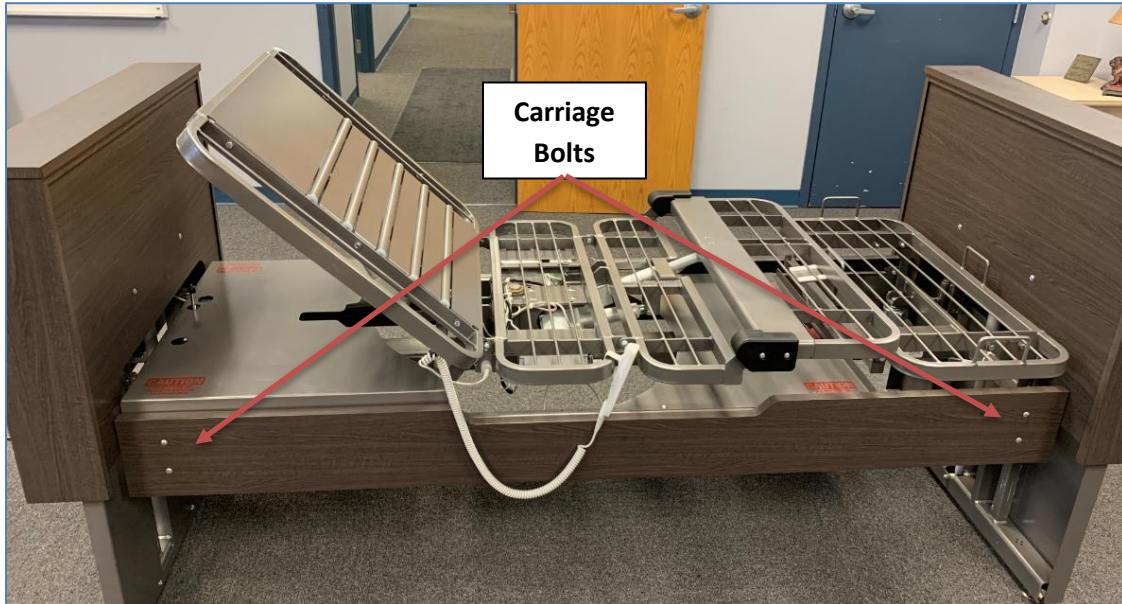


- Plug bed into power source and raise all the way up to locate the holes for the side runners.



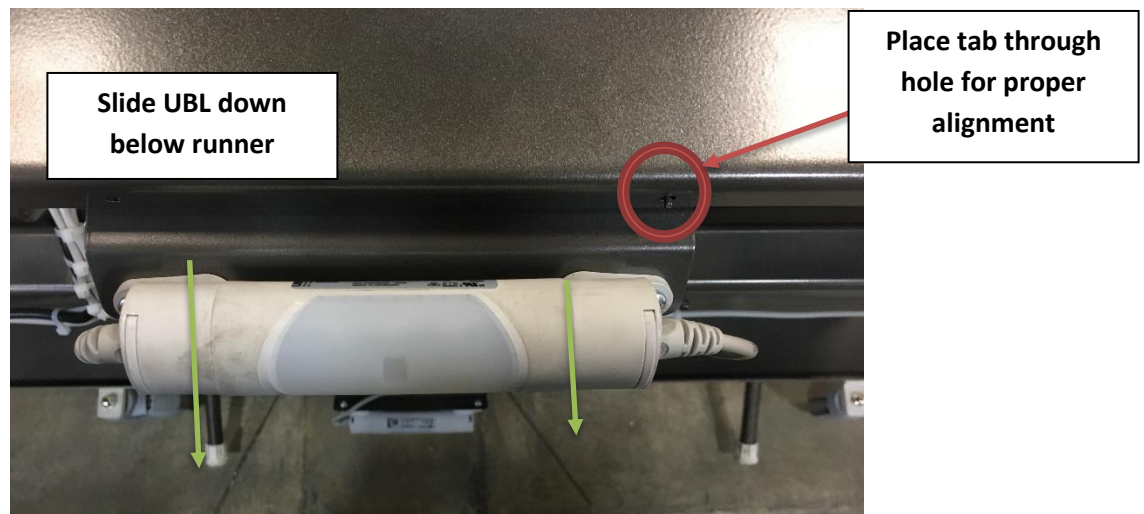
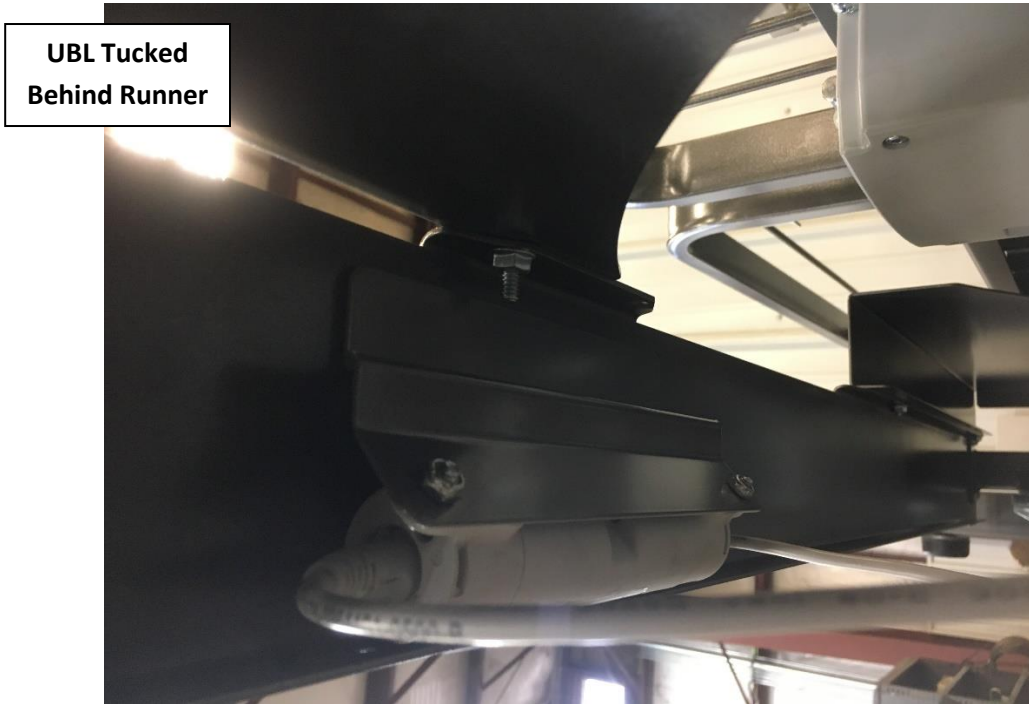


12. Install carriage bolt into outside of runners and attach to the bed while fastening the nut on the inside of the frame. Do this to both sides of the bed.



13. Position the Under Bed Lights (UBL) properly on the runners of the bed. Slide the tab of the UBL hanger into the positioning hole on the runner as shown. The UBL is simply held in place using magnets. There is a UBL on both sides of the bed.

*Note: When moving the bed over high thresholds or bumps, tuck the light back behind the runner as it was during shipping to prevent damage to the UBL.*

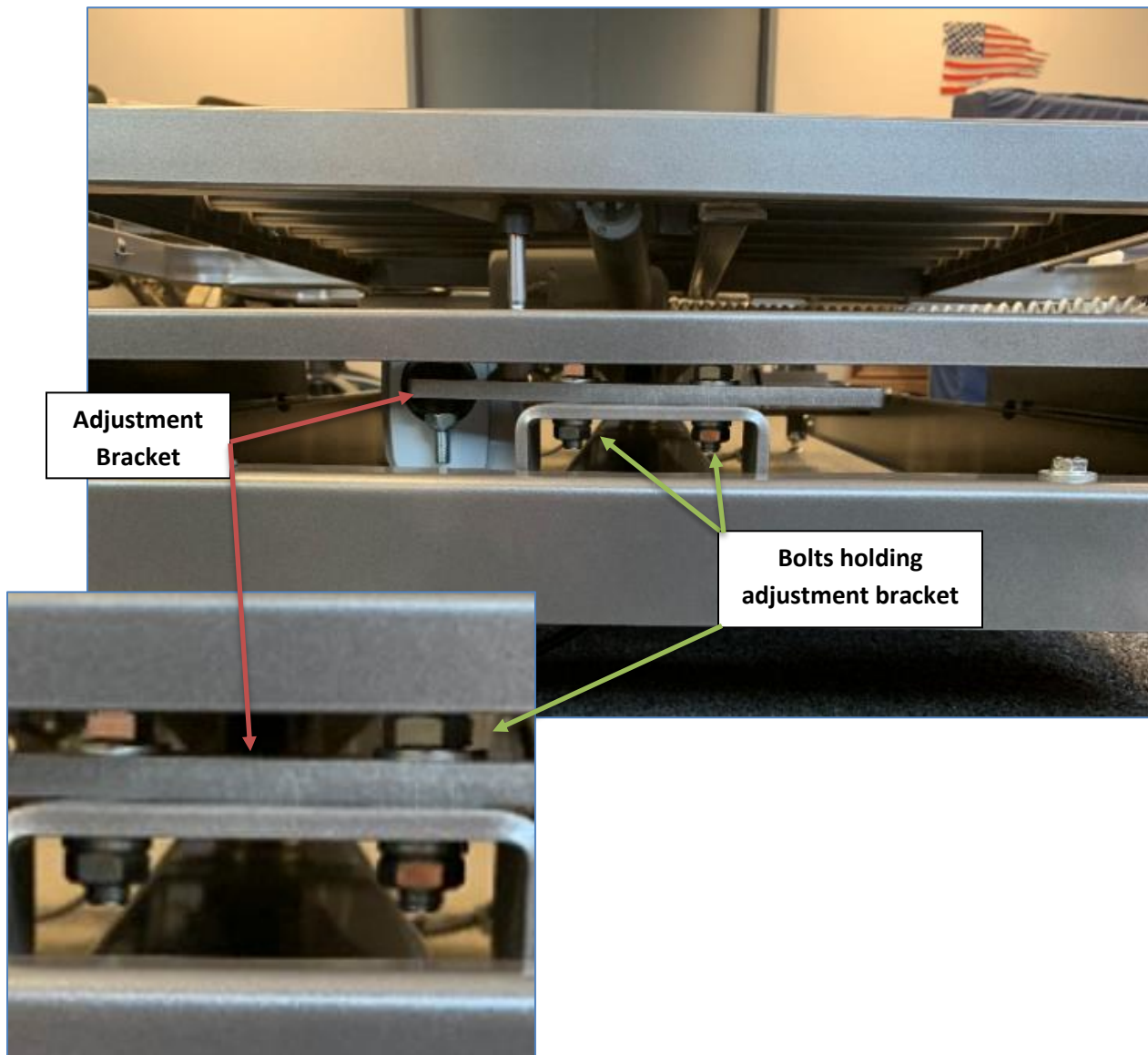


### Pivot Alignment *(If Needed)*

Tools Required:

- (2) ¾" wrenches

1. With the head high/low assembly and headboard removed you will find the adjustment bracket and two bolts under the head section.





- Using the two  $\frac{3}{4}$ " wrench loosen each bolt (roughly)  $\frac{1}{4}$  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**



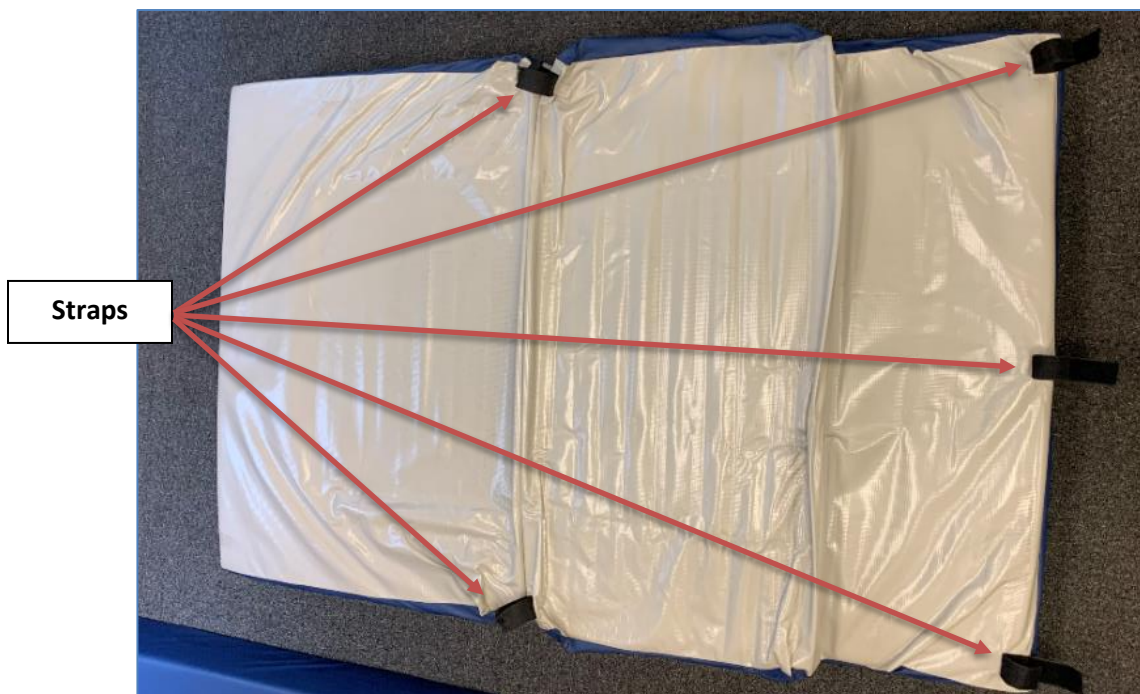
### Mattress Installation

1. Using the auto-contour (refer to control options) button raise the head and leg section of the bed.

*Note: Mattress installation is the same for the fixed, standard, deluxe model and widths.*



2. Locate the straps on the back of the mattress.





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



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





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

Tools required

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

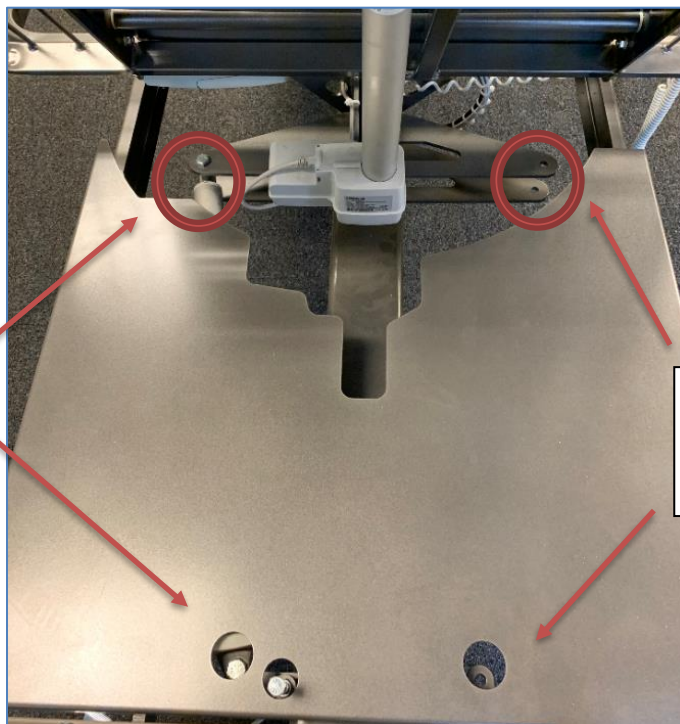
1. In the bed position, raise the height of the bed and head of the bed to its highest point.

Bed and head section  
raised all the way up

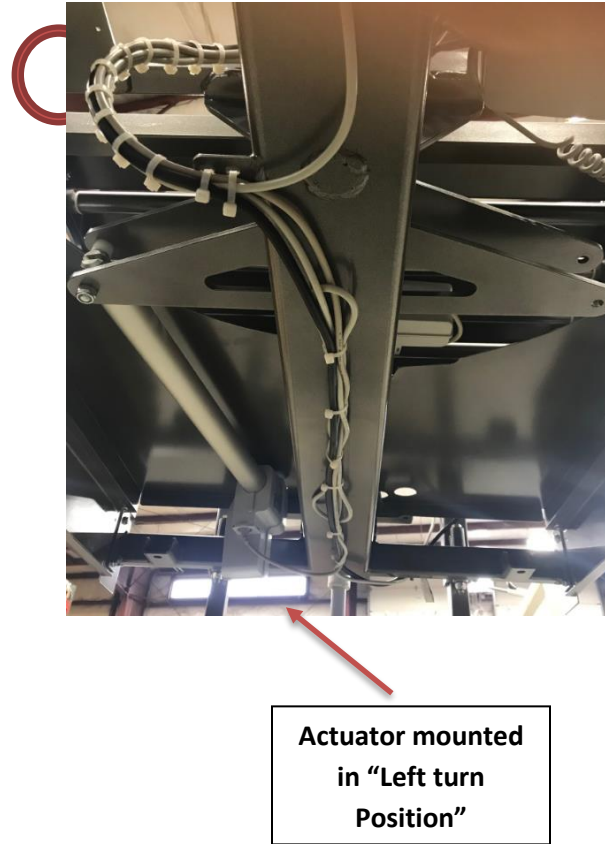
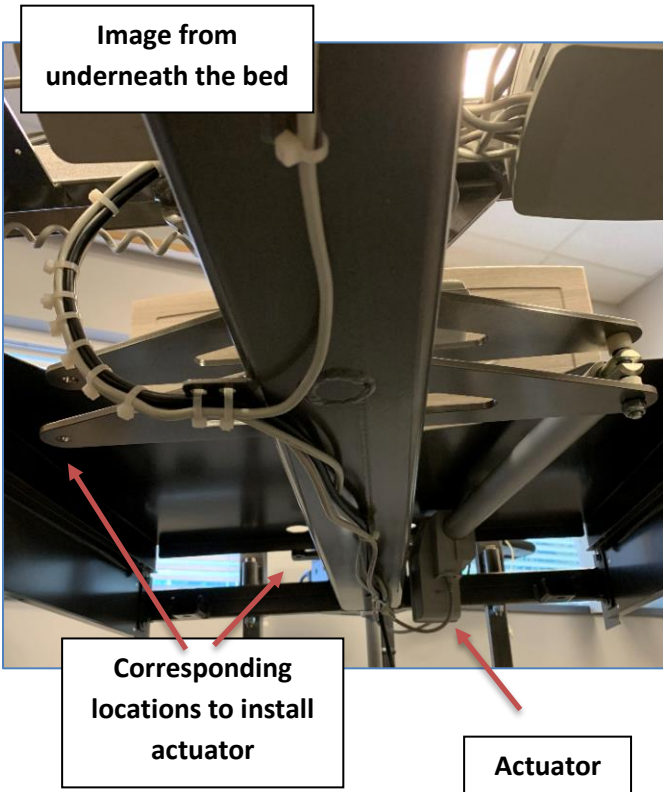


2. Locate and remove the two bolts pictured below that hold the actuator into place. Once removed, install the actuator to the corresponding holes on the opposite side of the bed.

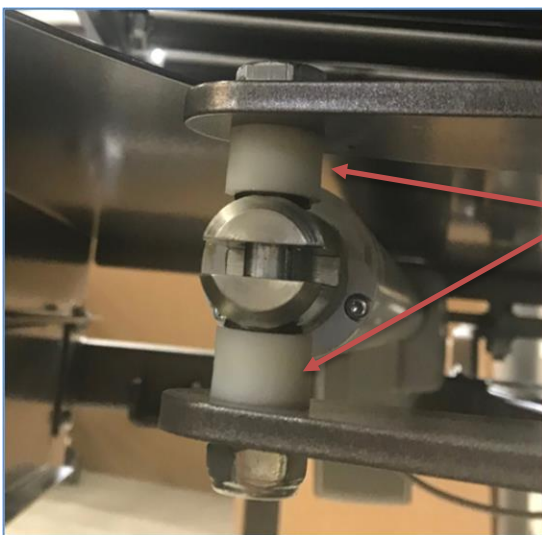
Remove bolts  
using 17mm  
wrench and socket



Corresponding  
locations to install  
actuator

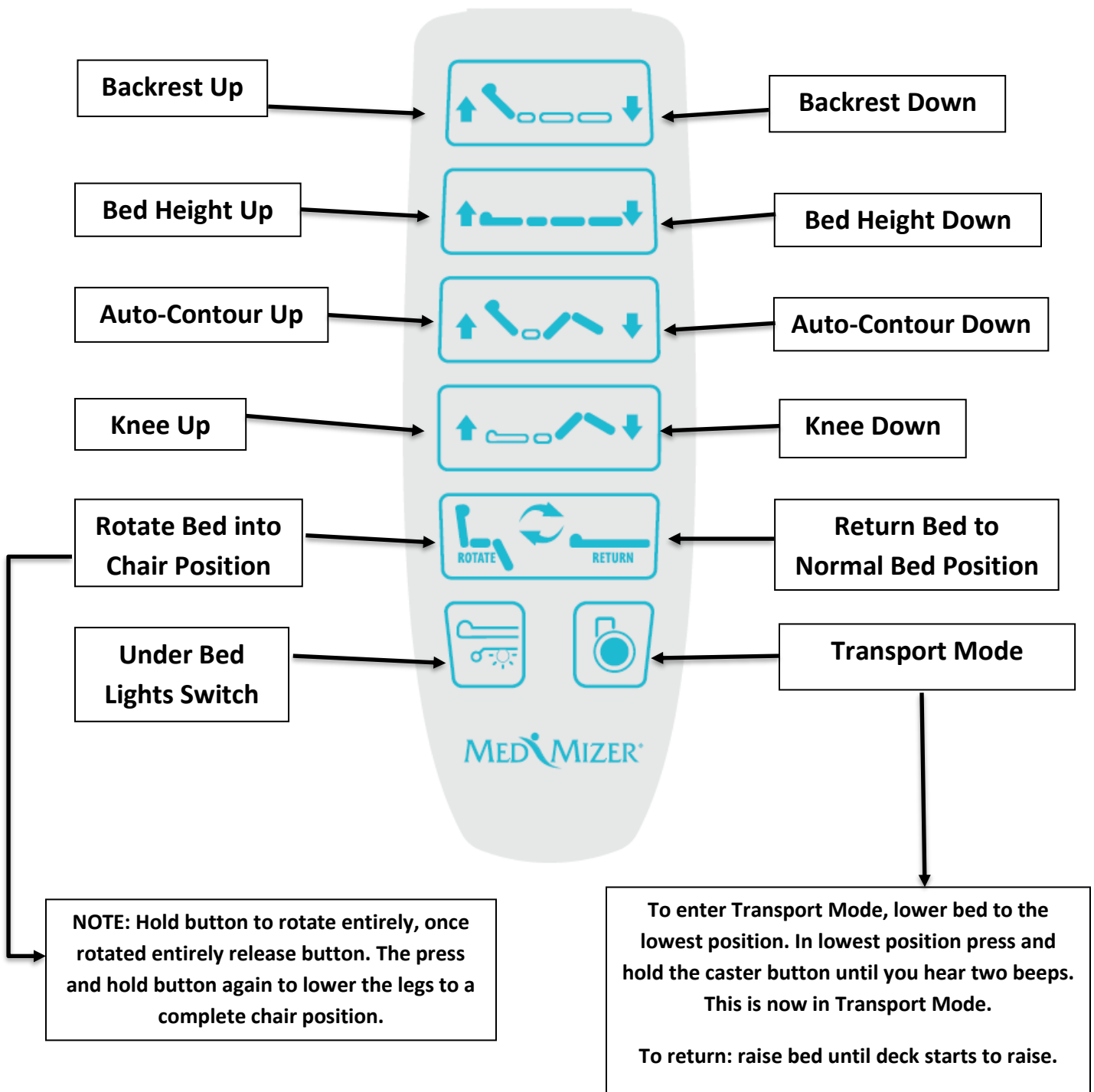


3. Install fasteners and spacers back in actuator. Tighten the fastener so that the bolt comes through the nylon nut but do not overtighten or the actuator will bind causing damage,



### Control Options

#### Hand Pendant Control



## Bed Transport

To transport an empty bed, lower the bed into the caster position and use the footboard or headboard to move the bed. Do not move the bed using the rails, hand held pendant or assist bars as handles. When bed is moved into intended space, raise bed off the casters.

*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)
6947	HI/LO BARIATRIC ACTUATOR (400504000A0M0G26+12DB16134200)
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)
6955	HB8X348-00 Active Care Handset Full
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)
7009	ACTUATOR CABLE HI/LOW 3100MM (0965344-A)
7058	COVER, KNEE PIVOT LEFT
7059	COVER, KNEE PIVOT RIGHT
6242	3" SWIVEL CASTER
7165	ACTIVECARE DELUXE HANDRAIL CAP "RIFT GRAY"
7166	END BOARD, ACTIVECARE DELUXE "RIFT GRAY"



7167 SIDE RUNNER, ACTIVECARE DELUXE "RIFT GRAY"

7168 ACTIVECARE DELUXE HANDRAIL CAP "OBSIDIAN"

7169 END BOARD, ACTIVECARE DELUXE "OBSIDIAN"

7170 SIDE RUNNER, ACTIVECARE DELUXE "OBSIDIAN"

7171 ACTIVECARE DELUXE HANDRAIL CAP "GRAND WALNUT"

7172 END BOARD, ACTIVECARE DELUXE "GRAND WALNUT"

7173 SIDE RUNNER, ACTIVECARE DELUXE "GRAND WALNUT"

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<b>Troubleshooting</b>		
Issue	Potential Cause	Potential Correction
The remote does not back light and bed has no function.	The power cord is not plugged into a working outlet.	Plug power cord into working outlet.
	The remote control is not connected properly.	Reinstall the remote into the female port on backrest.
The remote has a back light and is installed, but still no functions.	Bed is in caster mode	Use the high/low "Up" feature to take bed out of caster mode and allow other functions to work.
	Defective Remote Control	Replace remote with all cables needed.
	Loose actuator connections	Ensure all actuators and cabling are connected properly. See Motor Re-Initialization to reprogram the bed.
	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 Head up and down control buttons for 10 seconds until the beeping stops (first row of buttons on pendant.) 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. Once the bed is flat hold the caster button (bottom right button) until the bed lowers completely. Once the bed is all the way down raise the bed back up several inches using the Bed height up button. 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.*