

DRIVE FULL-ELECTRIC LIGHTWEIGHT BARIATRIC BED SERIES

48" WIDTH (15302LW) / 54" WIDTH (15303LW)

OWNER'S ASSEMBLY AND OPERATING MANUAL



Item # 15302LW with Half Rails

This manual must be given to the Owner/User of this bed and should be read carefully before putting this product into use. Keep manual in an accessible location for future reference.

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NOTE: DO NOT operate this product without first reading and understanding this user manual. Damage or injury may result from improper use of this product.

STANDARD SYMBOLS USED IN THIS MANUAL

This manual includes important information about the safety of personnel and equipment. As you read through this manual be aware of the symbols and their meanings.



DANGER

Information that appears under the DANGER symbol concerns the protection of personnel from direct and pending hazards that, if not avoided, will result in immediate, serious personal injury or death in addition to damage of the equipment.



DANGER SHOCK HAZARD

Information that appears under the DANGER SHOCK HAZARD symbol concerns the protection of personnel from possible hazards related to electrical shock.



FIRE HAZARD

Information that appears under the FIRE HAZARD symbol concerns the protection of personnel from possible hazards related to fire and flammability.



WARNING

Information that appears under the WARNING symbol concerns the protection of personnel from possible hazards that can result in injury or death in addition to damage of the equipment.



CAUTION

Information that appears under the CAUTION symbol concerns the protection of personnel from possible hazards that may result in minor injury or damage of the equipment.








CRUSH HAZARD

Information that appears under the CRUSH HAZARD symbol concerns the protection of personnel from possible hazards related to reduce clearances.





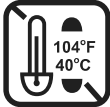


NOTE:

Information that appears with the NOTE text gives added information, which helps in understanding the item being described.


PRODUCT SYMBOLS

Symbols	Description	Symbols	Description
	Type BF applied part equipment. IEC 60601-2-52: The applied part includes all parts of the medical bed that are within reach of the patient, even if they are underneath the mattress support surface. Applied parts list: Mattress, Bed frame, Side Rail, Head Board and Foot Board, Mattress retainer.		Recycle the item in accordance with local regulations.
IPX4	According to IEC 60529. Rating for dust-protection and identified as equipment that is protected against splashing water.	IEC 60601-2-52 IEC 60601-1 IEC 60601-1-2 IEC6060-1-1-11	A product bearing the IEC listed Mark is determined to have met the minimum requirements of prescribed product safety standards.
	Class II equipment		
	The owner's manual needs to be read before operating the bed.		Maximum patient weight and safe working load

PRODUCT HANDLING SYMBOLS


	Do not remove motor cover or repair yourself. Contact your local Provider or Dealer for technical assistance.
	Do not stack more than 5 cartons high
	Do not step
	Keep Dry
	Do not exceed 104 degrees F
	Do not leave in direct sun light for extended period of time
	Handle with care

WARNING LABELS



WARNING

Incompatible ASSIST RAILS can create hazards.
READ INSTRUCTIONS FOR USE.




WARNING

Incompatible MATTRESSES can create hazards.
READ INSTRUCTIONS FOR USE.




WARNING

Mattress must fit Bed Frame and Assist Rail snugly to help prevent patient entrapment. Patient entrapment with Assist Rail may cause injury or death. Please follow the manufacturer's instructions and monitor patient frequently. Please read and understand the Owner/Operator Manual prior to using this bed.



WARNING

This bed is not designed to be used for patient transport.



DO NOT put hands into designated openings. Crush point may cause INJURY.

MC15
medical bed controller

CB.01.30.02



100V-240V~50/60Hz
Input Max.3.15A



Output Max. 29V/5.5A
Intermittent Operation 2min/18min
Prod.Date: 03/21

Serial-No.:Q21013500 0151








IPX4    **DEWERT**
E363125 A Phoenix Mecano Company

Product Name: Lightweight Bariatric Bed 48" and 54" width

Model #: 15302LW and 15303LW
Rated Input: 100V-240V ~50/60 Hz, 3.15 A max
Duty Cycle : T_ON 2min/T_OFF 18 min

Made in China



CAUTION Due to the risk of electric shock, do not attempt to open motor enclosure.

Model	Weight	Capacity
15302LW	65lbs / 29kg	710lbs / 345kg
15303LW	90lbs / 40kg	1000lbs / 453kg

GENERAL SAFETY

NOTE: In this manual, the terms patient and resident refer to a resident in a homecare environment.



WARNING

- Do not operate this equipment without first completely reading and understanding these instructions and any additional supplemental material provided with this equipment.
- Do not use this product if any of the components received are damaged or malfunctioning
- NEVER allow any individual or objects be placed under the bed at any time
- DO NOT let any body parts protrude or extend over the side or between parts, especially when the bed is being operated.
- Damage or injury may result from improper use of this product.



WARNING

Never exceed the safe working load capacity of this bed. The safe working load capacity of this bed is 48" Width= 750lbs (340kg), 54" Width = 1000lbs (453kg). This includes all accessories and options (not all accessories and options can be used at the same time). Once a patient's weight is known (X), subtract that from total safe working load (Y) and the remainder is the allowable weight for mattress, accessories, and optional equipment (Z). ($Z = Y - X$)

Example: Patient Weight: 500lbs

Accessory equipment that may be used on 48" bed (Z), $Z = 750 - 500 = 250$

If the patient weighs 500lbs, it is safe you use 250lbs total of accessories, i.e. * Half rail pair (25lbs), Mattress weight (30lbs) and trapeze (26 lbs.)

*these are accessory weight estimates

- This homecare bed should be left in its lowest position, except when care is being provided, in order to reduce risk of injury due to falls
- The bed MUST be connected to an appropriate power source. Unless equipped with battery backup, this bed will not operate when not plugged in. Main cable and proper function must be checked regularly.
- Possible Injury or Death may occur if bed is pushed over abrupt thresholds while bed is occupied.
- Possible Injury or Death may occur if bed is pushed over abrupt thresholds while bed is occupied. **This bed is not intended for patient/resident transport.** Please use an approved resident transport device when moving a resident.



DANGER

- Possible injury or Death may occur if accessories are not provided and therefore tested by Drive DeVilbiss Healthcare. Please contact Drive DeVilbiss Healthcare for accessory parts that are compatible with this bed.
- Possible injury or Death may occur if replacement parts are not provided and therefore tested by Drive DeVilbiss Healthcare. Please contact Drive DeVilbiss Healthcare for replacement parts compatible with this bed.



DANGER SHOCK HAZARD

- DO NOT plug anything into the control box of bed (i.e. pendants and actuators) while mains cable (power cord) is plugged into the wall outlet.
- Any cords or tubing used on or with this bed MUST be routed and secured properly to ensure that they do NOT become entangled, kinked or severed during normal operation of the bed.
- DO NOT roll the bed over any power or pendant cords.
- DO NOT open any motors, control boxes, or pendants. Service and repair must only be performed by authorized service personnel. Unauthorized service of any of these components nullifies the warranty.
- Inappropriate handling of power supply cords can create a shock hazard.
- When routing cables from other equipment while using this homecare bed, precautions should be taken to avoid squeezing/capturing those cables between parts of the bed
- DO NOT allow the cord, electrical outlets, and electrical control box or hand pendant to become wet or submerged in fluid.
- DO NOT operate the bed if any electrical component such as the power cord, electrical outlet, connections, motor/ actuator or mechanical component has malfunctioned or has been damaged in any way.
- The bed MUST be connected to an appropriate power source. Unless equipped with the optional battery backup, this bed will not operate when not plugged in. Main cable and proper function must be checked regularly.
- Possible injury or Death may occur due to pendant cord being a source for entangling patient/resident. Patients/ residents with decreased mental acuity should NOT have access to pendant.
- Be sure to unplug the equipment prior to any servicing or cleaning.



FIRE HAZARD

- DO NOT use near open flame or explosive gases.
- Possible Fire Hazard if used with nasal mask in 1/2 bed tent oxygen administering equipment. If oxygen tent is being used it should not fall below the mattress deck. The pendant should not be placed in an oxygen enriched environment such as an oxygen tent.
- This bed should not be placed in an oxygen enriched environment.



CAUTION

- It is recommended to use Drive DeVilbiss Healthcare compatible lifts with this homecare medical bed. Patient lifts should not be used to transport patients to different locations of the home.
- Do NOT use side rails as handles for moving the bed.
- Keep all moving parts, including the mattress deck (sleep surface), main frame, motors and moving components free from obstructions.
- Ensure that the individual using this bed is properly positioned, particularly when the bed is being operated.
- Body weight should be evenly distributed over the sleeping surface of the bed. Avoid situations where entire body weight is on a raised head or foot surface. This includes during assistance in patient repositioning, patient ingress (transferring in) or egress (transferring out) of bed.
- Supervision is required when this product is operated by or near children, individuals with disabilities or individuals with diminished mental acuity.
- Do not modify this bed without authorization of the manufacturer. If unauthorized service is performed on any components the warranty is nullified
- This bed frame complies with EMC requirements of IEC 60601 1 2. Radio transmitting equipment, cell phones or similar electronic devices, used in proximity of the bed, may affect the beds performance.



CRUSH/PINCH HAZARD

- Possible crush or pinch hazards exist between the bed deck and frame. Always keep hands and feet out from under the bed deck while operating the bed.
- Possible injury may occur when lowering or raising the bed. Keep hands and feet clear of the bed frame when in operation.
- Do not put hands or fingers into any of the angles while frame is articulated. Pinch points may cause injury.



ENTRAPMENT WARNING

- Entrapment issues can arise when components and accessories are not properly installed.
- If a resident/patient's mental or physical condition could lead to resident/patient entrapment, the mattress deck, (sleep surface) should be left in the flat position when unattended. Failure to do so could result in injury or death.
- Incompatible mattress and side rails can create hazards. Only compatible Drive DeVilbiss Healthcare side rails may be used on this bed. Make sure mattress is the correct size for bed frame and the Side rails are secured to frame to decrease the risk of entrapment.
- If bed frames have been serviced or any other adjustments have been made, you must ensure all parts are securely back in place before operating the bed.
- The risks associated with these devices used in conjunction with specialty mattresses and mattress overlays have not been evaluated. When these specialty mattresses and overlays are used, the resident/patient's facility must take steps to ensure that the therapeutic benefit outweighs the risk of entrapment.



DANGER

Patient entrapment may occur with the use of bed side rails which may lead to serious injury or death. To avoid patient entrapment:

- Monitor patient frequently
- Use appropriately sized Drive mattresses when using this bed. The mattress must fit firmly against the bed frame and bed side rails.

On March 10, 2006 the U S Food and Drug Administration (released guidelines for reducing the risk of hospital bed entrapment entitled, "Hospital bed System Dimensional and Assessment Guidance to Reduce Entrapment" This guidance document identifies potential entrapment areas within the bed frame, rails and mattress and identifies those body parts most at risk for entrapment It also provides manufacturers with basic design criteria to consider when developing hospital/convalescent beds; recommends specific test methods to recommends specific test methods to assess the conformance of existing hospital/convalescent bed systems; and answers frequently asked questions about entrapment issues.

The FDA Guidance document identifies specific dimensional criteria on potentially injury-threatening gaps and spaces that can occur between bed system components, such as side rails when improperly installed. Drive DeVilbiss Healthcare's DeVilbiss Healthcare's beds and approved accessories are manufactured to be in be in conformance with these guidelines.

Please be aware be aware that entrapment issues can still arise when components and accessories are not properly installed on the bed. It is important for the for the provider or facility staff to recognize they have an equal responsibility in complying with the FDA guidelines to help ensure resident safety and avoid injuries.

Copies of this document can be obtained from the FDA website:

<https://www.fda.gov/medical-devices/hospital-beds/guide-bed-safety-bed-rails-hospitals-nursing-homes-and-home-health-care-facts>



WARNING

Incompatible mattress and side bars/rails can create hazards. Read instructions for use.

SIDE RAIL WARNINGS



WARNING

Side rails/bars serve as a passive reminder to help keep patient from falling out of the bed. The side rail is not an assist device for getting into or out of bed.

- Although side rails are not rated to any specific weight limitation, the side rails may become deformed or broken if excessive side pressure is exerted on the bed rails. Side rails are used for the purpose of preventing an individual from inadvertently rolling out of bed. Side rails are NOT intended nor may be used for restraint purposes. If an individual can injure himself/herself, a physician or a healthcare professional should be consulted for alternative means of safe restraint.
- DO NOT use the side rails as push handles when moving the bed. Always test to make sure that the side rails are properly and securely in place before using the bed.
- DO NOT install the optional side rails without reading and understanding all of the instructions in the instruction sheet that accompanies the bed rail kit.
- Other manufacturer side rails may not be compatible and can lead to entrapment issues or harm to patients/residents. Only Drive DeVilbiss compatible side rails may be used with this bed. Make sure rails are properly secured to frame to decrease the risk of entrapment.

INTENDED USE AND CONTRAINDICATIONS

The Lightweight Bariatric Bed Series is intended to be used as a mattress support device. This bed offers patient care flexibility by allowing for articulation of the head and foot sections of the bed frame to improve comfort or assist with treatment and/or mobility.

This bed is NOT intended for patient/resident transport. Wheels are provided only to allow movement within the patient/resident room for cleaning or patient/resident access.

Contraindications for this bed include use with individuals who exceed the listed safe working load weight capacity.

This bed should not be operated (control the movements of the bed through the control interfaces) by persons who do not have the cognitive skills to understand the information in the owner's manual or cannot understand and perform the proper operation of the bed. This bed should not be used or operated by children.

OVERVIEW

Congratulations on purchasing the lightest Bariatric framed homecare medical bed in the market! The Lightweight Bariatric Bed Series by Drive DeVilbiss Healthcare provides the durability, function and support of a bariatric bed while making assembly and transportation less cumbersome with a light and easy to carry frame. Available in a 48-inch width (#15302LW) or 54 inch width (#15302LW), these bariatric beds provide wider sleep surfaces for comfort and convenience.

MATTRESS RECOMENDATIONS



WARNING

Possible ENTRAPMENT Hazard may occur if you do not use the recommended specification mattress. Resident entrapment may occur leading to injury or death.

A mattress may not be included with this bed. It is recommended that an appropriately sized mattress is used, such as a Drive DeVilbiss Healthcare standard foam or pressure redistribution mattress. Mattress height must be a minimum of 5-1/2 inches.

Recommended mattresses:

1. 48" Lightweight Bariatric Bed: For general use try Drive's #15310 Standard Foam Mattress. For therapeutic Pressure Redistribution this bed is compatible with #1500SC-48-FB, Shearcare 1500 Foam Mattress OR #14048, Med-Aire Plus 10" Bariatric Alternating Pressure and Low Air Loss Mattress Replacement System.
2. 54" Lightweight Bariatric Bed: For general use try Drive's #15312 Standard Foam Mattress. For therapeutic Pressure Redistribution this bed is compatible with #14054, Med-Aire Plus 10" Bariatric Alternating Pressure and Low Air Loss Mattress Replacement System

Visit www.drivemedical.com to learn more about Drive DeVilbiss Healthcare's assortment of foam mattresses, overlays and Low Air Loss and alternating pressure mattress replacement systems.

PACKAGING / HANDLING

TOOLS REQUIRED

- Wire Cutters
- Utility Knife



CAUTION

Unpack the bed in an area with sufficient room to work. Do not allow residents/patients near the bed until it has been completely set up and the work area has been cleared of all debris.

UNPACKING

1. Check cartons for any obvious damage to packaging or contents. If damage is evident, contact your local Drive Medical dealer/provider.
2. Remove any loose packaging from the cartons.
3. Carefully remove all components from the cartons.

LIST OF COMPONENTS: Below is a list of all the components included with your Lightweight Bariatric Bed Series Kits. Depending on the model(s) you have selected you may receive some or all of the below components.

Component Item #	Description	Box Dimensions			
		Shipping Weight (LBS)	Length (inch)	Width (inch)	Height (inch)
15302LW	48" Lightweight Bariatric Bed Kit				
15350LW	48" Head/Foot boards w/hi lo motor X2	128.7	52.1	7.6	37
15309LW	48" Head Frame and Linear Motor	83.6	49.2	8.8	47
15320LW	48" Foot Frame and Linear Motor	81.4	49.2	7.5	49
15303LW	54" Lightweight Bariatric Bed Kit				
15355LW	54" Head/Foot boards w/hi lo motor X2	137.7	58	7.6	37
15315LW	54" Head Frame and Linear Motor	90.2	55.9	8.8	47
15325LW	54" Foot Frame and Linear Motor	83.6	55.1	7.5	49
	Additional accessories				
15021BV-LW	Half Side Rail, 42"/48"/54"Bariatric bed	20.46	18.7	4.73	33.45
15302LWB	Accessory battery pack,48"/54"	6.38	9.64	5.71	4.33

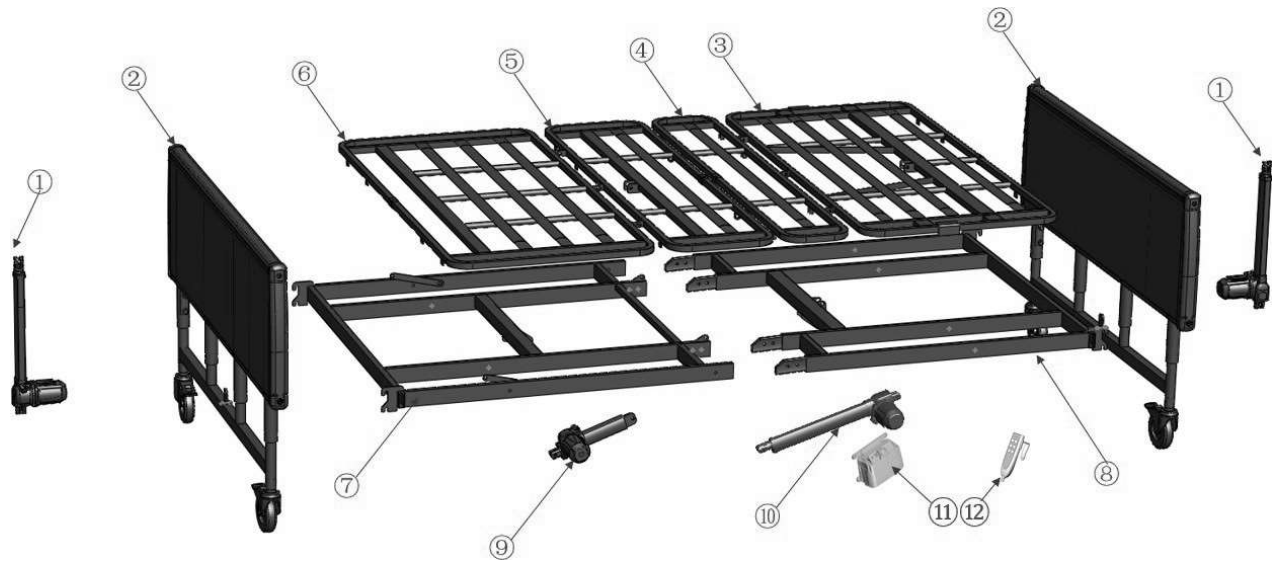
INSPECTION

1. Examine each component carefully for damage, scratches, dents or any other visual damage.
2. Carefully remove Tie Wraps holding power cord, hand pendant and drive shaft.
3. Inspect power cord and plug for cuts or damage.
4. Inspect the motors for damage, loose connections, cuts or damage to the wires.
5. Ensure motor connection to pendant are connected correctly and secure.

STORAGE

1. If the bed is not assembled immediately, retain cartons and packaging for storage until assembly is completed.
2. Store the packaged bed in a dry area.
3. DO NOT place other objects on top of the packaged bed cartons.

ASSEMBLY INSTRUCTIONS



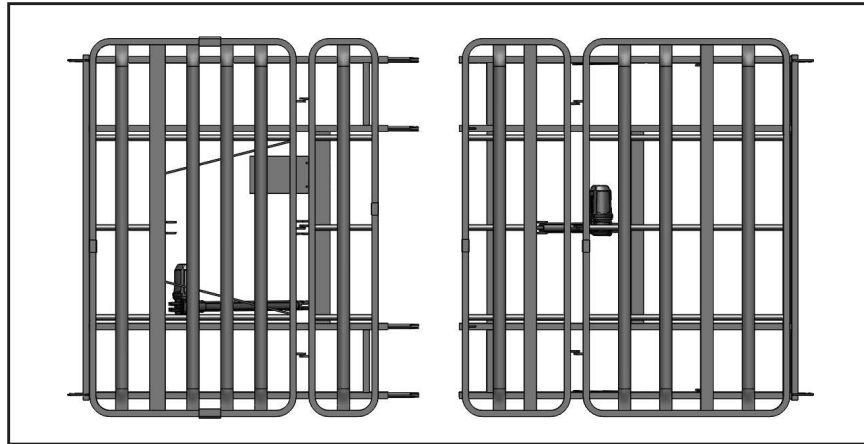
List of Components

No	Description of components	QTY
1	Hi/Lo motor	2
2	Head/Foot board	2
3	Head frame	1
4	Hip frame	1
5	Connecting frame of foot frame	1
6	Foot frame	1
7	Foot under frame	1
8	Head under frame	1
9	Linear motor of foot	1
10	Linear motor of head	1
11	Control Box	1
12	Pendant	1

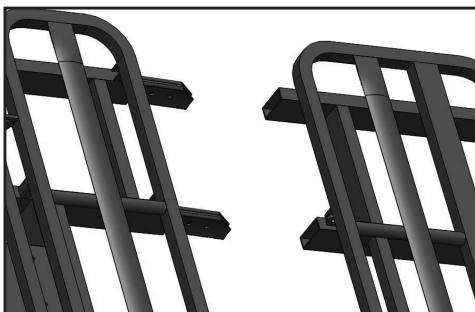
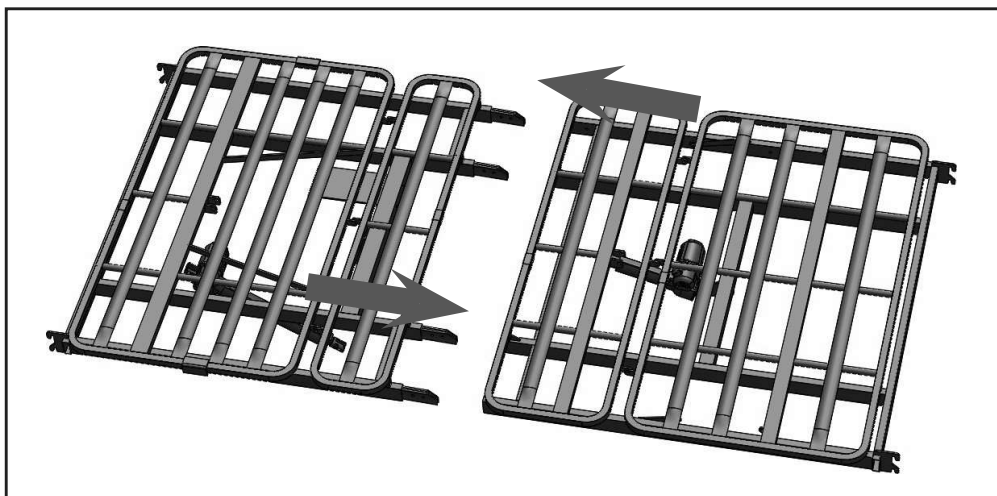
Caution: DO NOT attempt to operate bed controls until completion of assembly as damage to bed components and/or personal injury may occur.

FRAME ASSEMBLY

1. Place both ends of the frame/sleep surface on the ground and align the four flanges with the receptacle as shown.



2. To attach the head and foot sections, slide the two sides together be sure that the flanges are fully inserted



It must be completely inserted to the end.

3. Secure the frame/sleep surface with the cotter pin as shown (Figure A). Lock the cotter pin with the attached clasp. Repeat on the opposite side (Figure B).

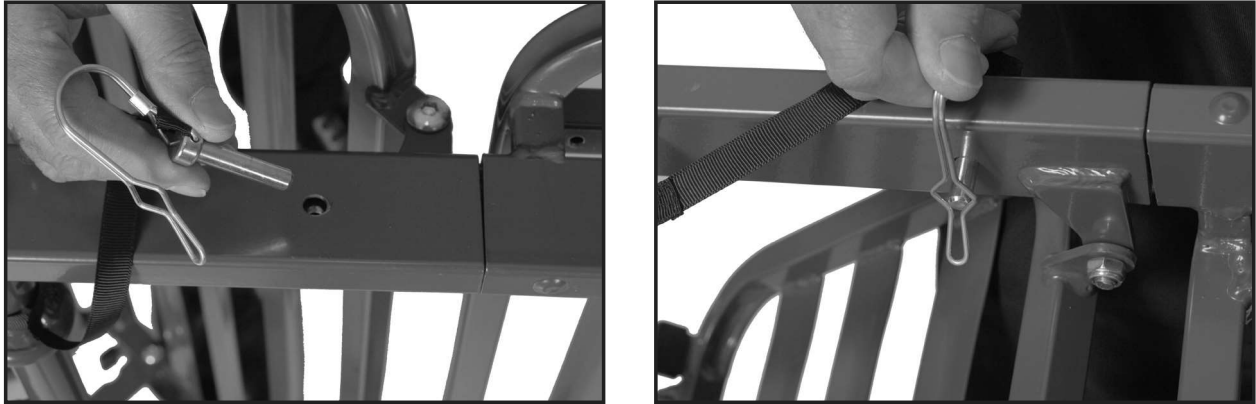
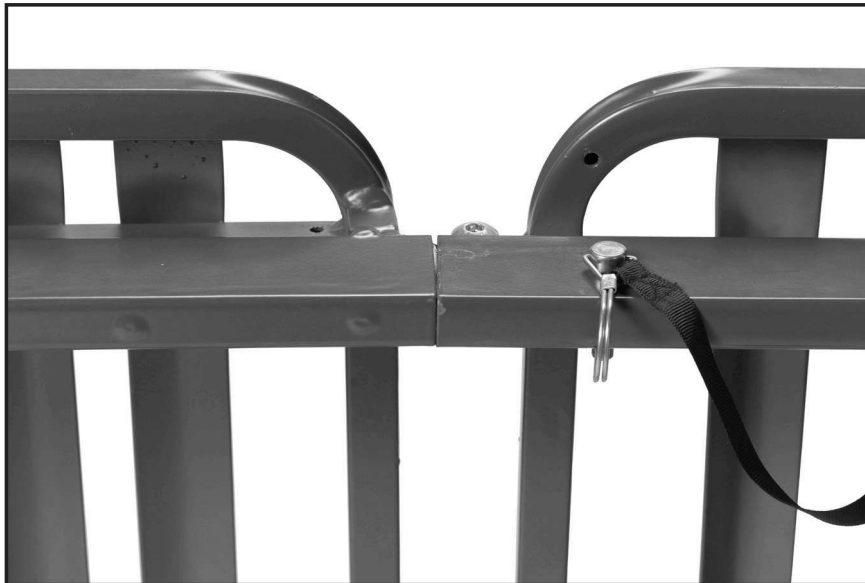


Figure A



1. To disassemble the head and foot section, remove cotter pin and clasp and separate sections.

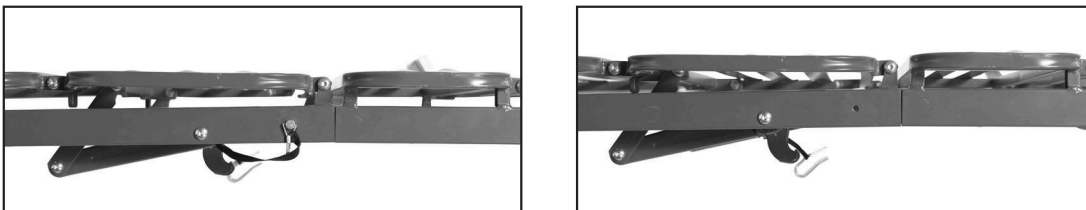


Figure B

2. Locate the motor connecting wire of the Hi/Lo motors attached to each bed ends. (Figure C) .



Figure C

3. Insert the hi/lo motor connecting wire into the corresponding color coded outlet on the control box (Figure D) .

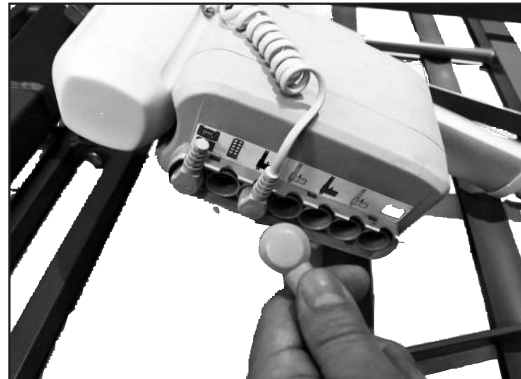
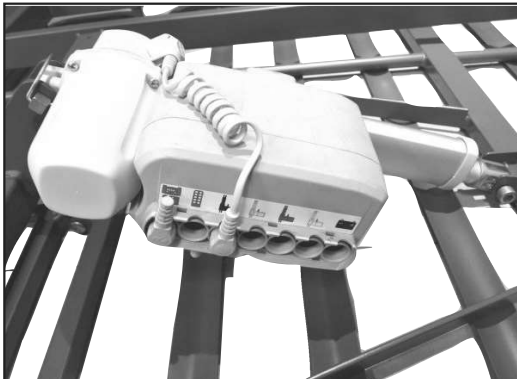
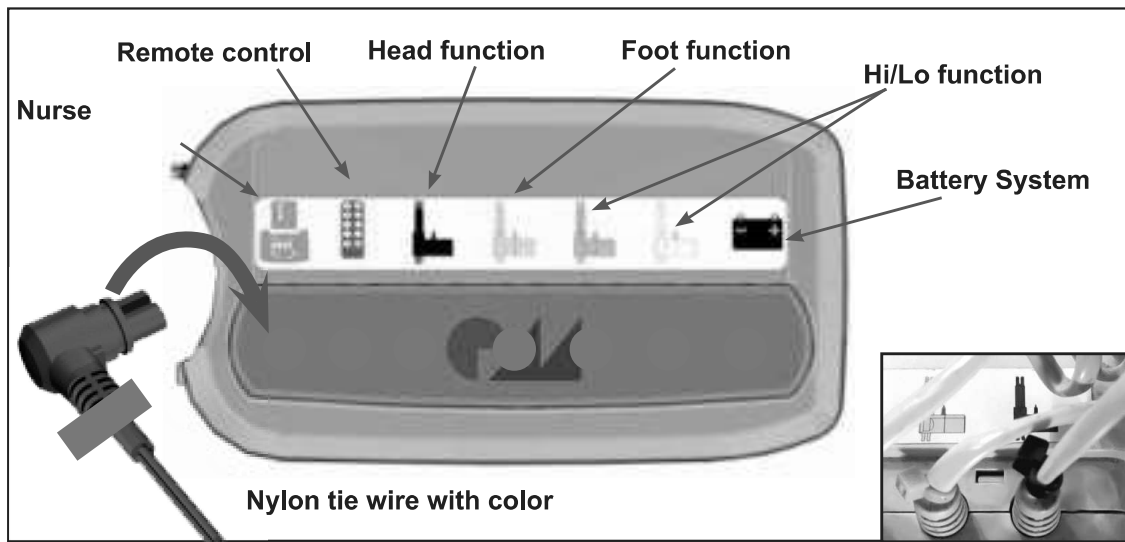


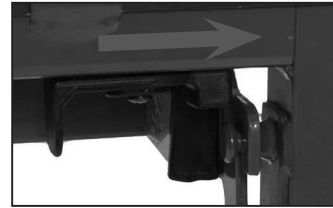
Figure D

4. See below for details on the corresponding outlets for each motor wire. Each corresponding plug is color coded for further assistance.

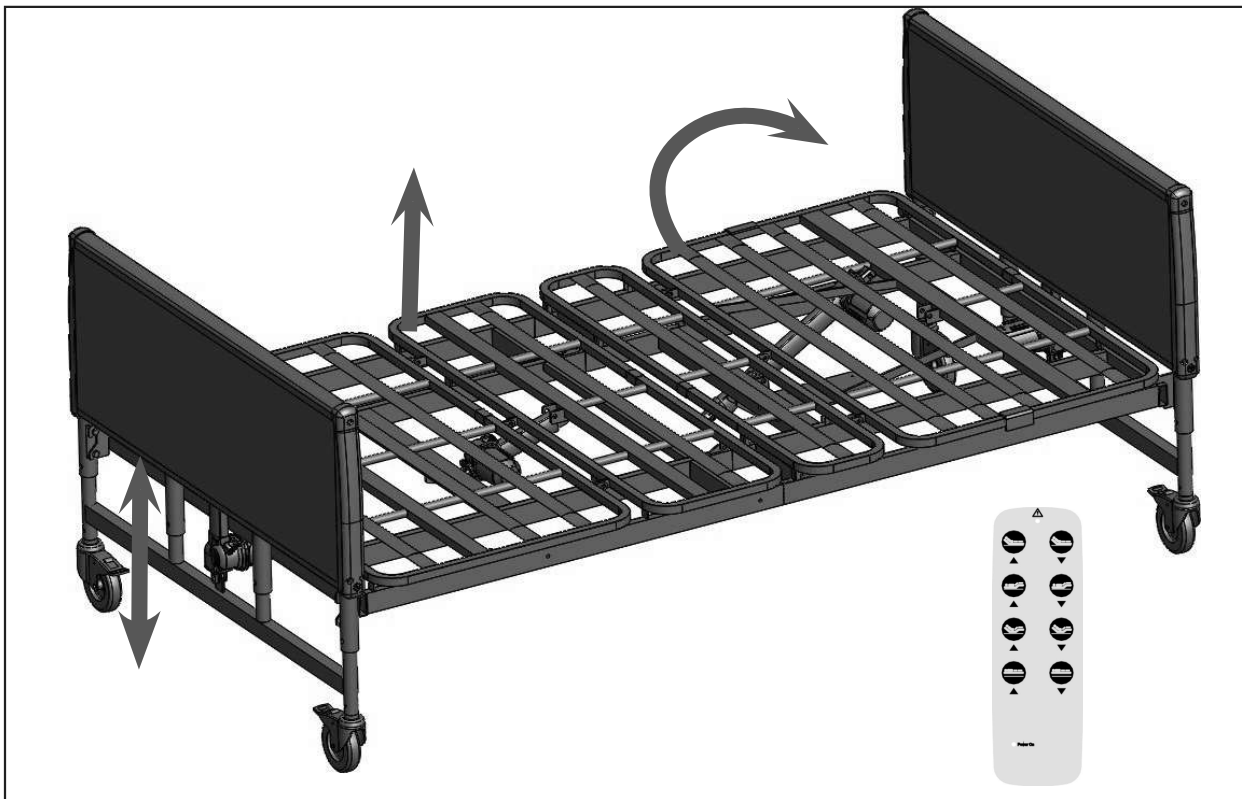


5. Lay bed flat and install head and foot boards.

Attach the Head and Foot Boards by aligning the frame mounting hooks over bed end mounting pins and push frame down to secure in place. Push Slide Locks in place over frame hooks for both bed ends to help prevent frame separation from bed ends.



6. Finally, confirm that all the motor connecting wires have been connected to the correct control box slot, and confirm that all the key functions on the remote controller work correctly.



NOTE: Lift mattress retainer to help keep mattress in place.

BED OPERATION



CRUSH HAZARD

Crush point exists due to LOW BED CLEARANCE. Do NOT place feet or other limbs under the frame when lowering the bed. When lowering the bed, be aware this may cause INJURY if limbs or personal items interfere with bed movement. Stay clear of the frame and ensure children and/or pets are not under the bed before lowering.

WARNING

- It is critically important to lock all casters to prevent unintended bed movement.
- Possible injury or Death may occur due to pendant cord being a source for entangling patient/resident. Patients/residents with decreased mental acuity should NOT have access to pendant.



WARNING

When routing cables from other equipment in the medical bed, precautions shall be taken to avoid squeezing between parts of the medical bed.

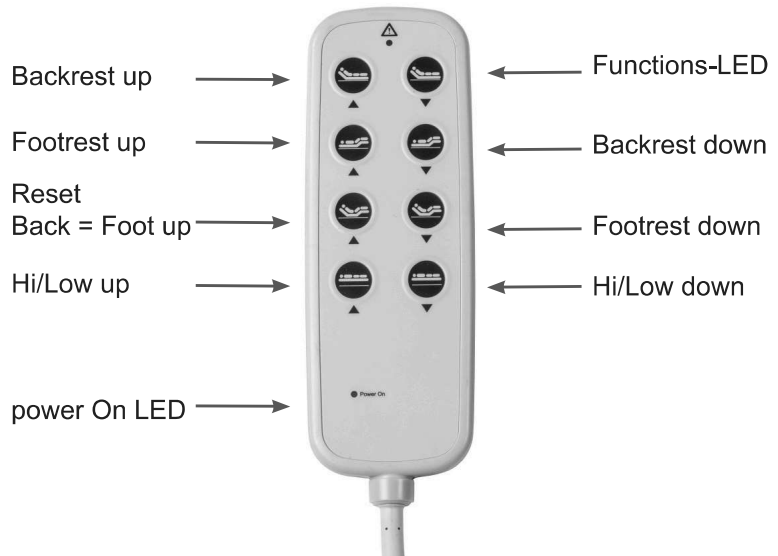
OPERATION

The Model #15302LW & 15303LW Lightweight Bariatric Bed comes with a 4 Function hand held Pendant.

- Top Row buttons control raising and lowering the Head Section.
- Second row buttons control raising and lowering the Foot Section.
- Third row buttons simultaneously control the raising and lowering of the Head and Foot Sections.
- Fourth row buttons control the raising and lowering of the Bed surface height.

HAND CONTROL

The Bariatric Bed comes with a hand control that will illuminate when the bed is plugged into a grounded or polarized wall outlet, or with 24V battery (not included) installed in the hand control. The hand control will illuminate if the wall outlet or battery has power. A single 24-volt battery can be installed into motor that will allow the head and foot sections to be lowered at a very slow speed. With this battery installed, the motor can be operated to return the sleep surface to the horizontal position in the event of a power failure.



WARNING

- The battery backup should be used for EMERGENCY PURPOSES ONLY.
- DO NOT use the battery backup to demonstrate or display a bed.
- Battery function should be checked periodically to insure battery health. The battery should be removed if it no longer has a charge or if leakage from battery occurs.
- Drive DeVilbiss Healthcare cannot be held responsible for improper backup use.
- When battery is installed, unplugging the bed from mains power will not switch bed off.
- Batteries must be properly disposed of in accordance with local regulations.

SIDE RAIL INSTALLATION (OPTION)



SIDE RAIL WARNING

Other manufacturers side rails/bars may not be compatible and can lead to entrapment issues or harm to patients/residents. Only compatible side rails/bars may be used on this bed. Make sure bed frame is adjusted correctly for mattress size being used and side rails/bars are properly secured to frame to decrease the risk of entrapment.



ENTRAPMENT WARNING

The risks associated with these devices used in conjunction with specialty mattresses and mattress overlays have not been evaluated. When these specialty mattresses or mattress overlays are used, the end user facility must take steps to ensure that the therapeutic benefit outweighs the risk of entrapment.



SIDE RAIL WARNING

Side rails/bars serve as a passive reminder to help keep patient from falling out of the bed.



CRUSH HAZARD

Crush hazard exists between the side rails/bars and the floor when in the lowest position which may cause injury to oneself or others. Do NOT place feet beneath the side rails/bars.



SIDE RAIL WARNING

Although side rails are not rated to any specific weight limitation, the side rails may become deformed or broken if excessive side pressure is exerted on the bed rails. The side rail is not an assist device for getting into or out of bed.

DO NOT use the side rails as push handles when moving the bed. Always test to make sure that the side rails are properly and securely in place before using the bed.

DO NOT install the optional side rails without reading and understanding all of the instructions in the instruction sheet that accompanies the bed rail kit.

DO NOT use the side rails as push handles for moving the bed.

Side rails are intended to prevent an individual from inadvertently rolling out of bed. DO NOT use for restraint purposes.

When used with a manual/electrical bed, side rails DO NOT fall under any weight limitations. Side rails can be deformed or broken if excessive side pressure is exerted on the bed rails. Side rails are used for the purpose of preventing an individual from inadvertently rolling out of bed. Side rails are NOT intended nor may be used for restraint purposes. If an individual is capable of injuring himself/herself, a physician or a healthcare professional should be consulted for alternative means of safe restraint.



ENTRAPMENT WARNING

Accurate assessment of the patient/resident and monitoring of correct maintenance and equipment use are required to prevent entrapment. For additional information on product and safety issues for bed frames and rails refer to product manuals specific to the product or accessories you have or are planning to install. If bed frames have been serviced or any other adjustments have been made, you must ensure all parts are securely back in place before operating the

bed. Other manufacturers side rails may not be compatible and can lead to entrapment issues or harm to residents and staff. Make sure mattress is the correct size for bed frame and the Side rails are secured to frame to decrease the risk of entrapment.

On March 10, 2006, the U.S. Food and Drug Administration (FDA) released guidelines for reducing the risk of hospital bed entrapment entitled; “Hospital bed System Dimensional and Assessment Guidance to Reduce Entrapment”. This guidance document identifies potential entrapment areas within the bed frame, rails and mattress and identifies those body parts most at risk for entrapment. It also provides manufacturers with basic design criteria to consider when developing hospital/convalescent beds; recommends specific test methods to assess the conformance of existing hospital/convalescent bed systems; and answers frequently-asked questions about entrapment issues.

The FDA Guidance document identifies specific dimensional criteria on potentially injury-threatening gaps and spaces that can occur between bed system components, such as side rails when improperly installed. Drive DeVilbiss Healthcare’s 15302/15303 Bariatric beds and approved accessories are manufactured to be in conformance with these guidelines.

Please be aware that entrapment issues can still arise when components and accessories are not properly installed on the bed. It is important for the provider or facility staff to recognize they have an equal role in complying with the FDA guidelines to help ensure resident safety and avoid injuries.

Copies of this document can be obtained from the FDA website:

<https://www.fda.gov/medical-devices/hospital-beds/guide-bed-safety-bed-rails-hospitals-nursing-homes-and-home-health-care-facts>

BED RAIL ASSEMBLY

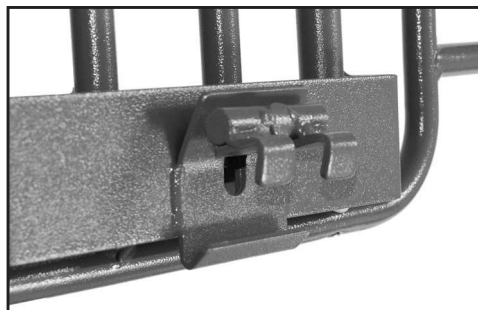
Half Bed Rails:

Your Lightweight Bariatric Bed Series is compatible with Half Bed Rails (#15021BV-LW).

To install half rails, locate the label located on the head section of the frame (Fig D). The half rail clamp should be installed over this label. Align fixed clamp jaw (Fig E) in front of bed frame rail as shown below. Align movable clamp jaw on top of bed frame rail, and turn knob clockwise until clamp is tight, securing safety rail to bed frame rail (Fig F).



D



E

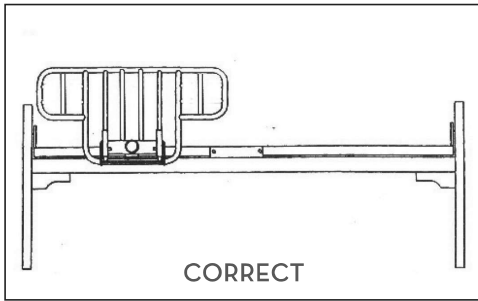


F

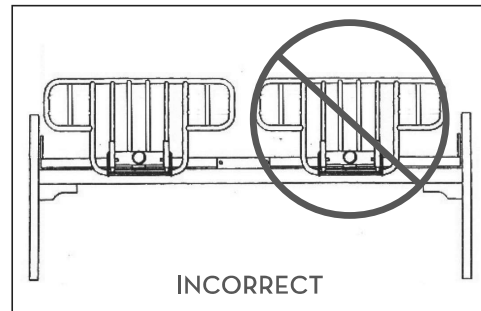


Half Bed Rail Operation: Pull out Pull Pin on each bracket to raise or lower rail. Ensure Pull Pin is properly engaged to lock rail in position.

NOTE: Bed rails should be removed when bed is disassembled to help prevent damage.



When installing bed rail, only place one (1) rail on bed per side.



DO NOT place 2 bed rails on the same side of the bed as shown above.

WARNING - INCORRECT MOUNTING MAY CAUSE INJURY OR DEATH

MATTRESS RETAINER ADJUSTMENT

Before a mattress is placed onto the bed deck, flip up the mattress guard to reduce mattress movement

ADDITIONAL ACCESSORIES

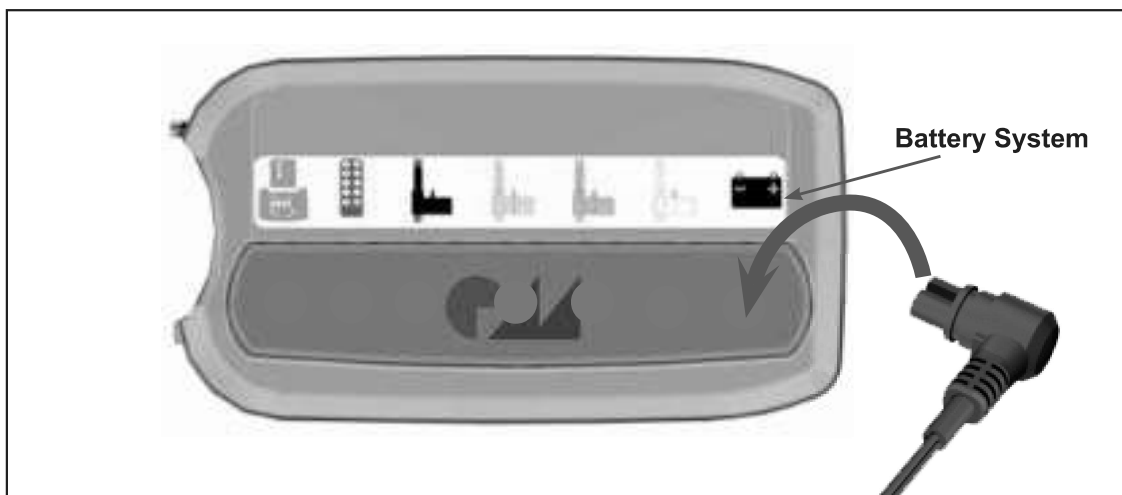
Not included but compatible with your Lightweight Bariatric Bed:

1. Back up Battery pack



Battery system Operation:

- 1, Plug the backup battery into the control box as illustrated below.



TECHNICAL SPECIFICATIONS

Overall Length	87.79"
Overall Width w/o Rails (48")	48"
Overall Width w/Rails	49.37"
Overall Width w/o Rails (54")	54"
Overall Width w/Rails	55.37"
Length & Width of Mattress Deck	79.73" x 34.65"
Maximum Weight Capacity	48" – 750 lbs. including all accessories
	54" – 1000 lbs. including all accessories
Head Deck Angle	0° to 60°
Foot Deck Angle	0° to 17°
Height Range	
48" / 54" Bariatric Bed Ends	15.74-24"
Under Bed Clearance	
48" / 54" Bariatric Bed Ends	8"
Total Product Weight-	See component sections on page 8
Noise Level	≤65dB(A)
Electrical Requirements	100-240VAC, 50 / 60Hz
Rated Current Input	3.5 A max
Fuse Specification	4.0 A 250V
Duty Cycle	T_On 2 Min / T_Off 18 Min
Battery Backup: Handset (1) & Motor (2)	24 V
Relative Humidity	From 30% to 75%
Recommended Storage & Shipping Temperature	From -20 °C to +50 °C From -4 °F to +122 °F
Recommended Operating Temperature	From +10 °C to +40 °C From +50 °F to +104 °F
Atmospheric Pressure Range	From 800 hPa to 1060 hPa

OPERATING TEMPERATURE

If bed has been stored in an area where the temperature is above or below the Recommended Operating Temperature range of 41°F to 104°F. You must wait at least 30 minutes for the bed temperature to adjust to the Recommended Operating Temperature range of 41°F to 104°F before use.

MAINTENANCE & SAFETY CHECKS

Drive recommends the following maintenance and cleaning procedures be conducted between users.

ELECTRONICS

- Check all controls to make sure all functions work properly.
- Foot control
- Head control
- Check all cables for damaged or frayed wires.
- Power cord
- Pendant cord
- Check to make sure all plugs are fully inserted or attached.

BED FRAME & SLEEPING SURFACE

- Visually check all welds.
- Head section
- Foot section
- Main Frame
- Check joints between sleeping surface sections for loose fasteners.

CLEANING

- If possible, remove patient/resident before cleaning bed.
- Prior to cleaning unplug power supply cord
- Ensure all electrical parts (motors, control boxes, wires and pendant) are not broken. Ensure that NO liquids enter electrical components.
- The metal parts of the bed are covered with a powder coating. Clean all coated parts with mild detergent and warm water.
- Raise head and foot sections of the bed to remove dust from frame.
- Remove mattress and clean mattress deck.
- Remove all gross/solid contaminants, then wash and sanitize all components. DO NOT submerge the bed frame or electrical components.
- Solvents, alcohol, bleach, caustic agents, high acid or alkaline solutions or petroleum based products should not be used on the bed.
- Use standard water pressure. DO NOT power wash or steam clean any parts.
- Rinse completely with water (Maximum temperature 110oF or 43oC). Do not rinse with cold water.
- Ensure all parts are dry before using or storing.

NOTE: This bed is NOT compatible with wash down tunnels.

LUBRICATION & MECHANICAL

- Lubricate all caster roller and swivel bearings with light machine oil.
- Check all bolts and tighten as needed.

WARRANTY

- Lifetime warranty on welds and frame.
- 5 year warranty on motor and hand control.
- 1 year warranty on all other parts and components.

During the warranty period, defective items will be repaired or replaced at Drive's option at no charge.

BED SERIAL NUMBERS

Please include bed part #s and serial numbers when ordering parts or contacting Drive DeVilbiss Healthcare. These numbers can be found on the identification labels under the sleep deck on either side of the bed frame.

COMPLIANCE INFORMATION

Matching the correct bed components to meet regulatory specifications can be complicated. Drive DeVilbiss Healthcare offers a wide variety of compliance options and we can assist your facility in selecting components or accessories that are recommended for the specific bed model.

PARTS

Drive DeVilbiss Healthcare beds contain a variety of parts that wear from normal use. Drive DeVilbiss Healthcare's responsibility under this warranty is limited to supplying replacement parts, servicing or replacing, at its option, which are found to be faulty by Drive DeVilbiss Healthcare. For warranty replacement, Drive DeVilbiss Healthcare may request that broken parts be sent back to them for evaluation. A credit will be issued only after the inspection and determination of cause.

SERVICE

A majority of service requests can be handled by the local Distributor/Provider's maintenance department with assistance from Drive DeVilbiss Healthcare tech support. If a Drive DeVilbiss Healthcare technician is required, one will be provided by Drive DeVilbiss Healthcare at our discretion. Most parts can be shipped next day air at the customer's expense. This warranty is extended to the original purchaser of the equipment.

SALES AND SERVICE

Contact Drive DeVilbiss Healthcare if you need any help with installation, usage or maintenance of the product. Corporate Office: Drive DeVilbiss Healthcare, 99 Seaview Blvd., Port Washington, NY 11050

Ph: 1-877-224-0946 Fax: 516-988-4601

Website: www.drivemedical.com

END OF LIFE DISPOSAL

- Many components of this product may be recycled.
- Please dispose of non-recyclable items properly.



This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle responsibly to promote the sustainable reuse of material resources. To safely recycle your used device, please follow local governing ordinances and recycling guidelines regarding disposal of the product or its components.

NOTE: The information within this document is subject to change without notice. This manual includes important information about safety of personnel and equipment. As you read through this manual be aware of the four signal indicators.

WARNINGS

GENERAL WARNINGS

DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. If you are unable to understand the warnings, cautions or instructions, contact a healthcare professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.

Read all the instructions before using the bed.

Refer to the owner's manuals for beds and rails for additional product and safety information. After any adjustments, repair or service and before use, make sure all attaching hardware is tightened securely.

After the bed has been assembled, always test to make sure that all sections of the bed are properly and securely in place before using.

ALWAYS use caster locks except when moving the bed.

Body weight should be evenly distributed over the surface of the bed. **DO NOT** lay, sit or lean in such a way that your entire body weight is placed only on raised head or foot sections of the bed. This includes when assisting the user in repositioning or transferring in or out of bed.

Check all parts for shipping damage and test before using. In case of damage, **DO NOT** use. Contact a qualified technician for further instruction.

Close supervision is necessary when this bed is used by or near children or people with disabilities.

DO NOT let any individual underneath the bed or in between the raised bed frame components at anytime.

DO NOT permit more than one person on/in the bed at any time.

DO NOT use outdoors.

DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. If you are unable to understand the warnings, cautions or instructions, contact a healthcare professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.

For Dealers Only - Set-up and Assembly Instructions are in the front of this manual. These procedures must be performed by qualified technicians only.

The March 2006 version of the FDA's bed safety guidelines are published by Hospital Bed Safety Workgroup. The latest revision of this document is available at <http://www.fda.gov>.

If the unit is not working properly, call a qualified technician to examine the unit and repair it.

Drive Medical products are specifically designed and manufactured for use in conjunction with Drive Medical accessories. Accessories designed by other manufacturers have not been tested by Drive Medical and are not recommended for use with Drive Medical products.

Keep all moving parts, including the main frame, mattress deck (head and foot sections) and all drive shafts free of obstruction (i.e. blankets/sheets, heating blankets/pads, tubing, wiring, etc. and other types of products using electric cords which may get tangled around the bed, side rails or legs) during operation of the bed. Keep the product a minimum of 12 inches away from any direct heat source.

Make sure head and foot sections are locked in place and connected securely to the bed ends before use.

Physically challenged individuals who cannot prevent themselves from rolling/climbing out of the this bed may require alternative safe means of restraint.

Procedures other than those described in this manual must be performed by a qualified technician.

Risk of injury to persons - **DO NOT** place video equipment such as televisions or computer monitors on bed.

NEVER allow patients to use trapeze or traction units as a total individual weight support.

Trapeze units are to be used only for assisting the patient in repositioning or transferring into or out of bed.

Trapeze units must be positioned on a bed end as close as possible to the center point of the bed end.

The bed is not designed to be used as a patient transport. When transporting a patient, use an approved patient transport device. Otherwise, injury or damage may result.

The bed may be equipped with locking casters. When transferring into or out of the bed, always lock the locking caster(s). Inspect for correct locking action on caster locks before using bed. Even with casters properly locked, some flooring surfaces such as tile or wood, will allow the bed

WARNINGS

to move under some conditions. Use on surfaces such as these must be evaluated by the care provider.

The initial set up of this bed must be performed by a qualified technician.

The safe working load of the Drive Medical 48 inch (121.9 cm) wide Bariatric Bed is 750 pounds and (340 kg)/ 54 inch (137.1cm) wide Bariatric Bed is 1000 pounds (453 kg) which includes the weight of the occupant and all accessories such as mattress, side/assist rails, trapeze, any personal effects, etc.

Use this bed only for its intended use as described in these instructions. **DO NOT** use attachments not recommended by the manufacturer.

After raising/lowering the head/foot end of the bed, check the distance between the bottom of the bed rail and the mattress. If there is excessive distance between the bottom of the bed rail and the mattress in which individuals may become entangled, adjust the height of the bed rail (if applicable), or provide alternative means of patient protection.

Once patient assessment concludes that the patient's condition increases the chance of entrapment, the bed **MUST** be in the flat position when left unattended.

Proper patient assessment and monitoring, and proper maintenance and use of equipment is required to reduce the risk of entrapment. Variations in bed rail dimensions, and mattress thickness, size or density could increase the risk of entrapment. Visit the FDA website at <http://www.fda.gov> to learn about the risks of entrapment.

Replacement mattresses and bed side rails with dimensions different than the original equipment supplied or specified by the bed frame manufacturer are not interchangeable. Variations in bed side rail design, width and thickness or firmness of the mattress could cause/ contribute to entrapment. Use only authorized Drive Medical replacement parts and/or accessories otherwise the warranty is void. Drive Medical will not be responsible for any damage or injury that may result.

To reduce the risk of entrapment make certain that the bed rail cross braces **DO NOT** exceed the width of the mattress. Mattress **MUST** fit bed frame and side rails snugly to reduce the risk of entrapment.

When operating this bed, **ALWAYS** ensure that the individual utilizing the bed is positioned properly within the confines of the bed. **DO NOT** let any extremities protrude over the side or between the bed rails when performing

these functions.

Drive Medical recommends that the mattress be centered on the bed frame. Otherwise, individuals may become entangled between the bed rail and the bed frame.

Mattress **MUST** fit bed frame and assist rails snugly to reduce the risk of entrapment.

SAVE THESE INSTRUCTIONS

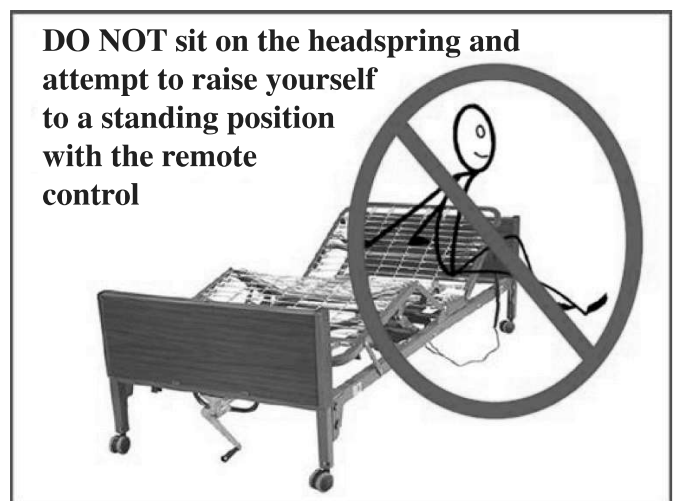
NOTE: Updated versions of this manual are available on www.DriveMedical.com.

Body weight should be evenly distributed over the surface of the bed. **DO NOT** lay, sit or lean in such a way that your entire body weight is placed only on raised head or foot sections of the bed. This includes when assisting the user in reposition- ing or transferring in or out of bed.

The Head (Head Spring) and Foot (Foot Spring) sections of the sleep surface must be in the lowered/flat position for entry into the bed. Patients should be slowly lowered into the bed.

DO NOT abruptly "drop" patients into the bed.

It is not safe to use the Head (Head Spring) or Foot (Foot Spring) sections of the sleep surface to assist in raising or lowering patient for entry or egress from the bed. This may damage the frame and/or motors and create a danger to the patient.



DO NOT attempt to raise the Head (Head Spring) section of the sleep surface while the patient or any other individual is seated or positioned with their weight entirely on the Head (Head Spring) section of the sleep surface.

DO NOT attempt to raise the Foot (Foot Spring) section of the sleep surface while the patient or any other individual is seated or positioned with their weight entirely on the Foot (Foot Spring) section of the sleep surface.

DO NOT attempt to raise the Head (Head Spring) or Foot (Foot Spring) sections of the sleep surface while more than one person is lying in the bed or when the bed weight limitations have been exceeded.

DO NOT attempt to raise the headspring while multiple people are laying in the hospital bed

