

ITEMS:

H9600FF: (Full-Electric bed w/ Full Side Rails)

H9600FH: (Full-Electric bed w/ Half Side Rails)

FULL-ELECTRIC LOW HOMECARE BED

WEIGHT CAPACITY 450 LBS



PICTURED: FULL-ELECTRIC LOW BED WITH FULL SIDE RAILS

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SPECIAL NOTES

WARNINGS/CAUTION notices used in this manual apply to hazards or unsafe practices which could result in personal injury and/or property damage.

The information contained in this document is subject to change without notice. Check all parts for shipping damage and test before using. In case of damage, do NOT use. Contact your provider for further instruction.

Your Electric bed has been engineered to provide you with reliable operation and the strength you deserve. The bed has been thoroughly tested and inspected prior to shipment. The utmost in comfort and safety has been provided for you. The bed is for home use only. It is not for hospital use and was not designed to meet hospital standards.

Do not use near explosive gases. Possible fire hazard when used with oxygen administering equipment other than nasal or masked type. When using nasal or masked type administering equipment, oxygen or air tubing **MUST** be routed and secured properly to ensure that tubing does NOT become entangled and eventually severed during normal operation of Electric bed.

When using liquids in or around the bed, caution should be taken to ensure that liquids of any kind are not spilled. If liquid is spilled in or around the bed, unplug the bed immediately. Clean up the spill and allow bed or area around bed to dry thoroughly before using the electric controls again. Close supervision is necessary when this product is used by or near children or physically challenged individuals. This product should never be left unattended when plugged in.

DO NOT PERMIT ANYONE UNDER THE BED AT ANY TIME.

When operating/moving Electric beds, 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.

DO NOT OPERATE THIS EQUIPMENT WITHOUT FIRST READING AND UNDERSTANDING THE WARNINGS, CAUTIONS AND INSTRUCTIONS IN THE MANUAL. IF YOU ARE UNABLE TO UNDERSTAND THE WARNINGS, CAUTIONS AND INSTRUCTIONS, PLEASE CONTACT YOUR PROVIDER BEFORE USING THIS EQUIPMENT, OTHERWISE DAMAGE OR INJURY MAY RESULT.

TO AVOID POSSIBLE INJURY OR DEATH, USE SIDE RAIL BUMPER PADS SO THAT THE GAP BETWEEN THE TOP OF A MATTRESS AND THE BOTTOM OF THE SIDE RAIL IS SMALL ENOUGH TO PREVENT A PATIENT FROM GETTING THEIR HEAD/NECK BETWEEN THE MATTRESS AND SIDE RAIL AND POSSIBLY SUFFOCATING.

WARNINGS- READ CAREFULLY

OPERATING INFORMATION

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

Ensure head and foot springs are securely locked to the head and foot boards before use. Pendant cord **MUST** be routed and secured properly to ensure that the cord does not become entangled and severed during operation of the Electric bed.

Keep ALL moving parts free of obstruction (i.e. blankets, sheets, heating blankets, heating pads, tubing, wiring, and other types of products using electric cords, which may get tangled around the bed, side rails or legs, during operation of the Electric bed.

Electric beds are equipped with wheel locks. The wheel locks **MUST BE** engaged before attempting any transfer. Inspect for correct locking action before actual use. When leaving the Electric bed, always engage wheel locks. Ensure the wheel locks are activated to prevent the wheels from moving.

The side rails, when used with an Electric bed, can be deformed or broken if excessive pressure is exerted on the side rails. Excessive pressure or weight can be under the weight capacity of 450 lbs and can be deformed at any weight too excessive for the rails. The rails are for the sole purpose of preventing an individual from rolling or climbing out of bed.

If necessary, consult your provider for alternative means of safe restraint. The side rails should not be used for restraint purposes.

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

Trapeze units **MUST** be positioned on either side of the drive shaft (head/foot): as near as possible to the center point of the bed. The trapeze is only to be used as assisting the patient in repositioning or transferring in and out of bed.

Traction units **MUST** be securely fastened to head/foot ends of the bed. These units are to be used **ONLY** for immobilizing a patient in various traction setups or **ASSISTING** the patient in positioning or transferring in and out of bed.

- DO NOT allow the user to use the trapeze or traction units as a total individual weight support.
- Ensure ALL screws and nuts are tight and secure at all times.
- DO NOT permit more than one person on the bed at any time.
- 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 or repositioning or transferring in or out of bed.

REPLACEMENT PARTS

Replacement mattresses and bed rails with dimensions different than the original equipment supplied or specified by Rhythm Healthcare may not be interchangeable. Variations in side rail design and thickness or density of the mattress could cause entrapment. Use **ONLY** distributed Rhythm Healthcare replacement parts.

Continued on next page

ELECTRICAL GROUNDING INSTRUCTIONS

Some devices are equipped with three-prong (grounding) plugs for protection against possible shock hazards. Where a two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to contact a qualified electrician and have the two-prong receptacle replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code. If you must use an extension cord, use a three-prong extension cord having the same or higher electrical rating as the device being connected. DO NOT, under any circumstances, cut or remove the round grounding prong from any plug used with or for Rhythm Healthcare products. In addition, Rhythm has placed red WARNING tags on some equipment. DO NOT remove these tags. Do NOT operate if the unit has a damaged cord or plug. If it is not working properly, call your provider for assistance. Keep the cord away from HEATED or HOT surfaces.

REPAIR OR SERVICE INFORMATION

DO NOT open assemblies such as the motors, hand control unit, junction boxes or electrical control boxes. ONLY trained service personnel certified by Rhythm are qualified to repair these parts. If uncertified individuals perform any work on these beds, the warranty is voided.

DO NOT use parts, accessories, or adapters other than those distributed by Rhythm. Unplug the power cord when performing any maintenance on the bed.

RADIO FREQUENCY INTERFERENCE

Most electronic equipment is influenced by Radio Frequency Interference (RFI). Caution should be exercised with regard to the use of portable communications equipment in the area around such equipment. If RFI causes erratic behavior, unplug the bed immediately. Leave unplugged while the transmission is in progress.

WEIGHT LIMITATION

The weight limitation for Rhythm 36"/91.4 cm wide Electric bed – taking into consideration patient weight, mattress, rails, proper positioning, realignment transfer and overall care - is 450 pounds.

ASSEMBLY INSTRUCTIONS

Set-up and Assembly is for Dealers/Providers Only

These procedures must be performed by a qualified technician only.

1. CONFIRM THAT ALL PARTS ARE PRESENT:

- A. Foot Deck Section
- B. Head Deck Section
- C. Headboard & Foot board
- D. Casters (4)- 2 locking, 2 non-locking
- E. Hand Crank
- F. Hi/Low Drive Shafts
- G. Head/Foot Deck Section Motors with Pendant (Hand control)



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

ASSEMBLY INSTRUCTIONS - CONTINUED

2. Place both ends of the frame/sleep surface on their side and align the flange with the receptacle as shown.



ASSEMBLY INSTRUCTIONS - CONTINUED

3. To attach the head and foot sections, slide the two sides together and lock into position with cotter pin and clasp.



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

ASSEMBLY INSTRUCTIONS - CONTINUED

4. 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



Figure B

ATTACHING BED ENDS TO FRAME:

1. Install casters onto bed ends by inserting the stem of the caster into the leg receptacle. It is recommended to install one locking caster and one non-locking caster on each bed end. The locking casters should be installed diagonally from each other. Install casters to both bed ends. To engage locking caster, press down on locking tab; lift up to release.



2. 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.



Install the head end of the shaft as shown.



ASSEMBLY INSTRUCTIONS - CONTINUED



3. Before installing motor, plug hand pendant and Hi/Low motor cable into motor as shown.



4. Align the motor with the actuator bar and lift the head spring to the highest position. The motor will automatically be pulled towards the bed and lock onto the actuator. Repeat for foot section.



5. After the motor is installed, slide locking covers back on motor.



Attaching Bed Rails



NOTE: Half Rails

The head section features labels on the frame marked, "Attach Half Rails Here" .



NOTE: Full Rails

The foot and head section have color coded springs, labels and notches in the frame. Install the cross brace between the black springs for proper rail placement.

BED RAIL ASSEMBLY

Full Bed Rails:

To install Full Bed Rails, lift the head section and find the rail receptacle located on the frame of the bed as shown (Figure A). Pull receptacle outward and return head section to flat position. Turn receptacle in a vertical position to receive the rail (Figure B). Repeat for all four rail receptacles.



Figure A



Figure B



Full Bed Rail Operation: Pull out Pull Pin on each bracket one at a time to raise or lower rail. Ensure Pull Pins are properly engaged to lock rails in position.

BED HEIGHT ADJUSTMENT



Optional fixed height adjustment with lock pins.



NOTE: The four large pins are used if the height of the bed is to be locked at a set height. Set the height of the bed so that the hole in the leg is aligned with the hole in the bed end outer leg. Insert the pin through each of the four legs and install the spring clip on each.



Before a mattress is laid on the bed, flip up the mattress guard to reduce the movement of the mattress.

OPTIONAL BED EQUIPMENT



Shown on Bed:
Storage Transporter with motor
attached with storage strap
*Optional equipment
Not included

OPERATION AND ADJUSTMENT

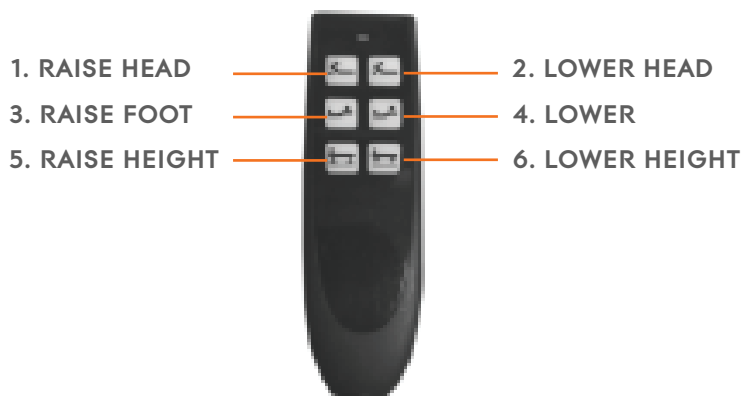
FULL ELECTRIC OPERATION

The accompanying pictures detail the Full-Electric beds and will acquaint the user with the bed functions and controls.

1. Operate the bed through all phases of its operation.
2. If any problems arise during the test, recheck all electrical connections and mechanical hookups.
3. Full-Electric beds use 6 function pendant for bed operation.
4. All Full-Electric beds come with an emergency crank to allow continued operation in the event of a power outage.

Pendant instructions on next page.

Figure A



PENDANT INSTRUCTIONS

LEFT BUTTONS

1. TO RAISE THE HEAD SPRING SECTION

Press #1 in Figure A "head up" button as shown on the pendant. This will raise the head portion of the bed only.

3. TO RAISE THE FOOT SPRING SECTION

Press #3 in Figure A "foot up" button as shown on the pendant. This will raise the foot portion of the bed only.

5. TO RAISE ENTIRE BED

Press #5 in Figure A "bed up" button as shown on the pendant. This will raise the entire height of the bed.

RIGHT BUTTONS

2. TO LOWER THE HEAD SPRING SECTION

Press #2 in figure a "head down" button as shown on the pendant. This will lower the head portion of the bed only.

4. TO LOWER THE FOOT SPRING SECTION

Press #4 in Figure A "foot down" button as shown on the pendant. This will lower the foot portion of the bed only.

6. TO LOWER ENTIRE BED

Press #6 in Figure A "bed down" button as shown on the pendant. This will lower the entire height of the bed.

MAINTENANCE SCHEDULE

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

ELECTRONICS- EVERY 6 MONTHS OR FOR EACH NEW USER

- Check all controls to ensure all functions work properly.
- Foot control
- Head control
- Hi/Lo
- Check all cables for damaged or frayed wires
- Power cord
- Pendant cord
- Ensure all plugs are fully inserted or attached
- Test 9V battery and replace annually

BED FRAME & SLEEPING SURFACE - ONE YEAR OR EACH NEW USER

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

CLEANING - FOR EACH NEW USER

The metal parts of the bed are powder coated. Clean all coated parts with mild detergent and warm water. Periodically raise head and feet sections of the bed and remove dust from frame. Also, periodically remove mattress and clean mattress deck.

LUBRICATION & MECHANICAL - EVERY 6 MONTHS OR FOR EACH NEW USER

- Lightly grease all actuator screw threads with white lithium grease
- Lubricate all caster roller and swivel bearings with light machine oil
- Check all bolts and tighten as needed

WARRANTY

Original Purchaser. Limited Lifetime on welds, 5 year on frame, motor and pendant. 1 Year on all other parts and components. During the warranty period, Rhythm Healthcare will determine if a defective item will be repaired or replaced.

SPECIFICATIONS:

Overall dimension 35.63" W x 87.2"L

Sleep surface 34.65" W x 79.73" L

Mattress: 80" mattress required

Lowest height (inner castor setting) 9.25"

Lowest height (outer castor setting) 10.24"

Highest height (outer castor setting) 22"

Motor: 1x

Castor: 2 x 3" castor w/locking and 2 x 3" castor w/o locking

Hand Crank & Gear Box: Plastic

Weight Capacity: 450 lbs

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 optional equipment. If you are unable to understand the warnings, cautions or instructions, contact your provider before attempting to use this equipment - otherwise, injury or damage may occur.

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 positioning or transferring in or out of bed. Check all parts for shipping damage and test before using. In case of damage, DO NOT use it. Contact your provider 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 any time.

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 your provider before attempting to use this equipment - otherwise, injury or damage may occur.

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 your provider to examine the unit and repair it. Rhythm Healthcare products are specifically designed and manufactured for use in conjunction with Rhythm Healthcare accessories. Accessories designed by other manufacturers have not been tested by Rhythm Healthcare and are not recommended for use with Rhythm Healthcare products. Keep all moving parts, including the main frame, mattress deck (head and foot springs/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

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GENERAL WARNINGS - CONTINUED

rails or legs) during operation of the bed. Keep the product a minimum of 12 inches away from any direct heat source. Ensure that head and foot springs/sections are connected securely to the universal bed ends before use. Physically challenged individuals who cannot prevent themselves from rolling/climbing out of the bed may require alternative safe means of restraint. Procedures other than those described in this manual must be performed by a qualified technician.

WARNING: 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 universal bed end as near 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. 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 casters. 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 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 total weight limit of the Rhythm Healthcare 36"/91.4 cm wide Electric bed (including accessories, mattress, occupant and any other person/object positioned on the bed) is 450 pounds (204 kg.); 350 pounds (158 kg) patient weight.

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, 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.

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GENERAL WARNINGS - CONTINUED

Variations in bed side rail design, width and thickness or firmness of the mattress could cause/contribute to entrapment. Use only authorized Rhythm Healthcare replacement parts and/or accessories otherwise the warranty is voided. Rhythm Healthcare will not be responsible for any damage or injury that may result. To reduce the risk of entrapment, check 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.

Rhythm Healthcare 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 snug to reduce the risk of entrapment.

NOTE: When using nasal or masked type oxygen administering equipment, the oxygen or air tubing MUST be routed and secured properly to ensure that the tubing does not become entangled and/or severed during normal operation of the bed.

SAVE THESE INSTRUCTIONS

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

BED RAIL WARNINGS

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

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

ELECTRICAL WARNINGS

A safety feature of this product includes protection against overheating caused by excessive or extended periods of operation. Depending on the duration, this includes multiple or repeated adjustments or the use of multiple functions at one time. To ensure trouble free operation, always allow a slight pause between multiple adjustments and avoid pressing more than one function button at a time. If thermal protection activation should occur, the bed will not respond to pendant commands. If this occurs, release the pendant button and allow the bed unit to sit for several minutes. This will allow the bed unit to reset and restore bed function. Depending on the severity of the initial overheating, this can take up to 30 minutes.

In addition, if buttons are pressed too rapidly or multiple buttons are pressed at the same time, the bed may not respond. Release the pendant button, wait a few seconds, then press the button again.

ALWAYS REMOVE MANUAL CRANK(S) BEFORE PERFORMING ELECTRICAL FUNCTIONS.

Otherwise the crank(s) will turn when the motor is on and can cause personal injury and/or damage the bed. Always unplug the bed from the outlet before cleaning.

DO NOT open assemblies such as the motors, pendant, junction boxes or gear boxes. There are no serviceable parts by the user inside these assemblies. Only qualified individuals should perform any work on these beds, otherwise the warranty is voided.

DO NOT place the pendant under or between objects. This may unintentionally press the buttons and may cause injury or damage.

Electronic equipment may be influenced by Radio Frequency Interference (RFI). Caution should be exercised with regard to the use of portable communications equipment in the area around such equipment. **If RFI causes erratic behavior, unplug the Electric bed immediately.** Leave unplugged while transmission is in progress.

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ELECTRICAL WARNINGS - CONTINUED

Check that all cables and cords are routed so they will not become entangled or pinched. Otherwise, damage may result.

If a liquid is spilled in or around the Electric bed, unplug the Electric bed before cleaning. Clean up the spills and allow the Electric bed to dry thoroughly before using the electric controls again.

Inspect the covering of the bed's control panel and the patient control panel to ensure that the covering is not cracked or damaged.

Keep all electrical cords away from heated or hot surfaces. NEVER operate if the unit has a damaged cord or plug. If it is not working properly, has been dropped, damaged, or dropped in water, return the bed to a service center for examination and repair if necessary.

On Full Electric bed, the HI/Lo crank MUST be removed before the bed is used. Failure to remove the crank may cause damage or personal injury.

Refer servicing to qualified personnel only. Grounding reliability depends upon a properly grounded wall outlet. The pendant and power cords must be routed and secured properly to ensure that the cords DO NOT become entangled, pinched and/or severed during operation of the Electric bed. Unplug the power cord from its power source before servicing or performing any maintenance on the Electric bed. DO NOT unplug the power cord from the junction box or damage to power cord will result.

Use caution when disconnecting the pendant. DO NOT press pendant buttons. When Electric bed is not to be used for an extended period, unplug Electric bed from wall outlet.

When using an extension cord, use only a three wire extension cord having at least 16AWG (American Wire Gauge) and with the same or higher electrical rating as the device being connected. Use of an improper extension cord could result in a risk of fire and electric shock. Three to two prong adapters should not be used. Use of three prong adapters can result in improper grounding and present a shock hazard to the user.

DO NOT use near explosive gases. Possible fire hazard when used with oxygen administering equipment other than nasal or masked devices. Use masked or nasal type oxygen administering equipment only in conjunction with this bed. The use of ANY other type of oxygen administering equipment can result in a fire hazard.

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 the raised Head (Head Spring) or Foot (Foot Spring) sections of the bed. This includes when assisting the user in repositioning 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 or egress from 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) or the Foot (Foot Spring) sections of the sleep surface while the patient or any other individual is seated or positioned with their weight entirely on the Head (Head Spring) or 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.

