PRODUCT & ASSEMBLY GUIDE

Manual Hi-Lo Combo

FOUNDATION



The Manual HiLo Combo foundation elevates the head section up to 70°, the knee sections up to 35° and elevates the foundation/mattress up to 10". Operates by manual hand cranks.







SleepSafeBed.com | 866.852.2337

Table of Contents

- 1 Pre-Assembly Information
- 2 Component Chart #1
- 3 Component Chart #2
- 4 Mattress Information
- 5 Safety Rail Adjustment Instructions
- 6, 7 Assembly Guide: SleepSafe Low Bed SleepSafe II Medium Bed
- 8, 9 Assembly Guide: SleepSafer Tall Bed SleepSafer Tall Bed Dual View
- 10, 11 Assembly Guide: SleepSafe Extension Bed / Extension Top
- 12 Padding Information
- 13 Final Installation Checklist
- 14 Operator's Guide
- 15 Popular FAQ's / Maintenance
- 16 Warranty Information
- 17 DME Provider / Technical Support
- 18 Serial Number

This guide is available as a PDF. Contact Customer Service at 866.852.2337 for more information.



MANUAL HI-LO COMBO

Tools Needed for Assembly



Allen and Torx Wrenches (Supplied)



Flat and Phillips Head Screwdrivers



3/8" Open or Closed Fnd Wrench



Attention! Read Before Assembly

- KEEP THIS PRODUCT & ASSEMBLY GUIDE.
 IT CONTAINS THE BED'S SERIAL NUMBER
- CAREFULLY REMOVE AND LAY OUT ALL COMPONENTS. FAMILIARIZE YOURSELF WITH INSTRUCTIONS TO FACILITATE THE ASSEMBLY OF YOUR BED.
- CHECK COMPONENTS AND CONTENTS
 OF ENCLOSED HARDWARE BAG WITH THE
 HARDWARE LIST ON FOLLOWING PAGES.
- KEEP THE FOUR CARDBOARD STANDS FOR ASSEMBLY AND POSSIBLE FUTURE USE.
 - DUE TO THE PRESENCE OF SMALL PARTS DURING ASSEMBLY, <u>KEEP OUT OF REACH</u>
 <u>OF CHILDREN</u>.
- IMPORTANT: FOLLOW THE INSTRUCTIONS
 IN THE SPECIFIED ORDER TO ENSURE THE
 BED IS PROPERLY ASSEMBLED.
- COMPLETE ASSEMBLY. ENSURE EACH COMPONENT IS INSTALLED. DO NOT OMIT ANY COMPONENT FROM INSTALLATION.
- NEVER USE THIS BED IF THERE ARE ANY
 MISSING FASTENERS, LOOSE JOINTS,
 BROKEN PARTS, TORN MESH, OR PADDING
 INADEQUACIES. CONTACT SLEEPSAFE
 BEDS AT 866.852.2337 FOR ASSISTANCE.

- NEVER SUBSTITUTE OR ALTER PARTS, THE PRODUCT INCLUDING SIDE RAILS, MUST BE FULLY INSTALLED PRIOR TO USE.
- IF BED IS PADDED, CHECK THAT ALL PADDING IS FIRMLY ATTACHED.
- WARNING STRANGULATION HAZARD: STRINGS CAN CAUSE STRANGULATION! NEVER PLACE BED NEAR WINDOW WHERE CORDS FROM BLINDS OR DRAPES ARE IN REACH OF A CHILD.
- KEEP REMOTE CONTROL CORD AWAY
 <u>FROM BED</u> WHILE MOVING THE SAFETY
 RAIL UP OR DOWN TO PREVENT PINCHING
 OF THE CORD.
- KEEP REMOTE CONTROL CORD AWAY FROM BED'S INTERIOR TO PREVENT ENTANGLEMENT AND STRANGULATION
- AN <u>UNINTERUPTED POWER SUPPLY (UPS)</u>
 UNIT IS RECOMMENDED IN THE EVENT OF
 A POWER OUTAGE.
- DO NOT SUBSTITUTE MATTRESS. IT IS SPECIFICALLY DESIGNED AND FITTED FOR A SLEEPSAFE® BED AND ITS USER.



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Included Component for Assembly	ts	24F1 (10W 8cg)	2/47/ 2/475	7. M.F.H. (1869) 1. 1869	AT (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Strong 100 100 100 100 100 100 100 100 100 10	2 HTP 0 WW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Cardboard Lift	4	4	4	4	4	4	4	4
90 mm Allen Bolt	8	12	16	28	28	12	28	28
3/4" Hex Bolt	8	8	8	8	8	8	8	8
Barrel Nut (If the bed is unpadded)	8	12	16	28	28	12	28	28
Safety Rail Hinge Guard Assembly	2	2	1	1	1	2	2	2
Allen / Torx Wrench Set (Various sizes)	1	1	1	1	1	1	1	1
Square Bit Driver	1	1	1	1	1	1	1	1
Casters (Attached)	4	4	4	4	4	4	4	4
Extension Bed Safety Latch & 2 Screws				1	1		2	2





Included Component for	ts /	24 F. Com 800			747 747 75 75 75 75 75 75 75 75 75 75 75 75 75	oo with 12		M. M
Assembly								
Manual Hi-Lo Combo Frame	1	1	1	1	1	1	1	1
Crank Set: Extension, Crank, Bolt, Plugs (3 sets)	1	1	1	1	1	1	1	1
Mattress	1	1	1	1	1	1	1	1
Headboard and Footboard Set	1	1	1	1	1	1	1	1
:: :: Side Panel	2	2						
:: :: Front Panel			1	1	1	2	2	2
Back Panel			2	2	2			
Safety Rail	2	2	2	2	2	4		4
Extension Bed End Panel				2	2		2	2
Extension Bed Side Panel				2	2		2	2
Extension Bed SuperScreen Top					1			1

SleepSafe Bed Mattress Information

SleepSafe Bed® - Our **Memory Foam Mattress** with Gel Technology

SleepSafe® Bed mattress support surface provides optimized pressure redistribution, rapid heat dissipation, and increases breathability

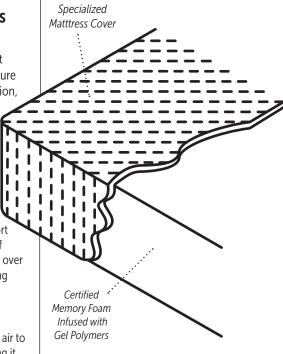
compared to standard foam.

• Reduced incidence of pressure ulcers by channeling heat away from the body much faster than standard foam, virtually ridding perspiration moisture.

• Superior pressure redistribution achieved by providing more support and less cradling at higher levels of compression, distributing pressure over a larger surface area and eliminating static fatigue.

How Does It Work?

The technology works by allowing air to pass through open cells, channeling it away from the body instead of trapping it within the closed cells of traditional memory foam. The infusion of gel polymers throughout the foam contributes both cooling properties and the virtual elimination of static fatigue. As a result of the marriage between open cell foam and gel infusion, the mattress holds its shape better, redistributes pressure over a larger surface area, and successfully wicks heat away from the body, leaving patients cool, dry, and comfortable.



Foam products meet the following criteria:

- Low Emissions (VOC's)
- BPA Phthalate Free
- CFC Free
- BHT Free
- PBDE Free
- Emissions Tested
- Content Tested
- Performance Tested
- Made without Ozone Depleters
- · Mercury, Lead and Heavy Metal Free
- · Made without Formaldehyde
- Methylene Chloride Free
- Environmentally Innovative
- Material Certification

Other notes about the foam in mattresses:

- Foam products use a blend of natural oil-based and conventional polyols.
- Benefits farmers looking for a new market for crops.
- Polyol is made partially from plant-based renewable oils such as soy bean and castor beans.





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Safety Rail Adjustment: Up and Down

Does the Safety Rail need adjustment?

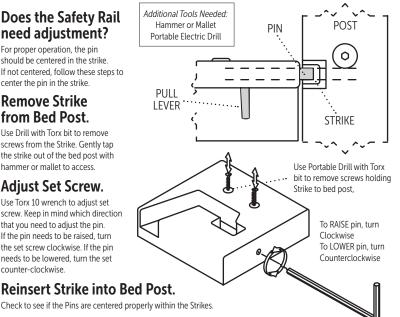
> For proper operation, the pin should be centered in the strike. If not centered, follow these steps to center the pin in the strike.

Remove Strike from Bed Post.

> Use Drill with Torx bit to remove screws from the Strike. Gently tap the strike out of the bed post with hammer or mallet to access.

Adjust Set Screw.

Use Torx 10 wrench to adjust set screw. Keep in mind which direction that you need to adjust the pin. If the pin needs to be raised, turn the set screw clockwise. If the pin needs to be lowered, turn the set counter-clockwise.



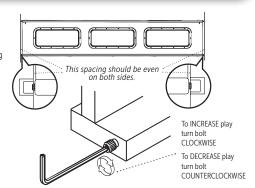
Safety Rail Adjustment: Side by Side

Does the Safety Rail need adjustment?

> When up and secure, check the spacing between the end of the safety rail and the headboard and footboard legs. They should be spaced evenly.

Remove Safety Rail and adjust the play.

> If spacing is not even, or there is too much side-to-side play in the rail. turn the black hex bolt using the 1/4" Allen Wrench provided







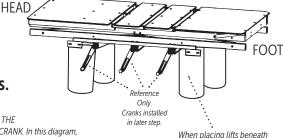
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Assembly Guide)

- ✓ SleepSafe (Low Bed)
- ☑ SleepSafe II (Medium Bed)

After unpacking bed and checking the contents

Set Manual Hi-Lo Combo Foundation on 4 provided cardboard lifts.



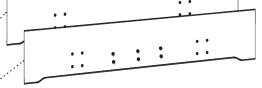
IMPORTANT!

CHECK THE BED ORDER FOR THE DESIRED LOCATION OF THE CRANK. In this diagram, the cranks are mounted to the right of the head. The crank positions may have been mounted to the left of the head.

foundation, allow room for both side panels to be attached.

Insert Barrel Bolts into Side Panels. (Note: Barrel Bolts are pre-inserted on padded beds)

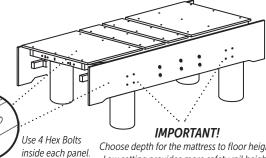
Align and push in Barrel Nut as shown. Use flathead screwdriver for assistance.



SleepSafe Bed (Low Bed) Side Panels use 8 Barrel Bolts SleepSafe II (Medium Bed) Side Panels use 12 Barrel Bolts

Attach Side Panels to foundation.

> (Use 3/8" wrench to install eight 3/4" Hex Bolts inside the panel)

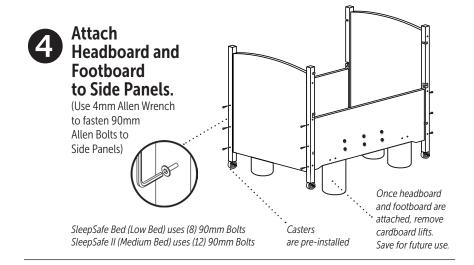


Choose depth for the mattress to floor height. Low setting provides more safety rail height.



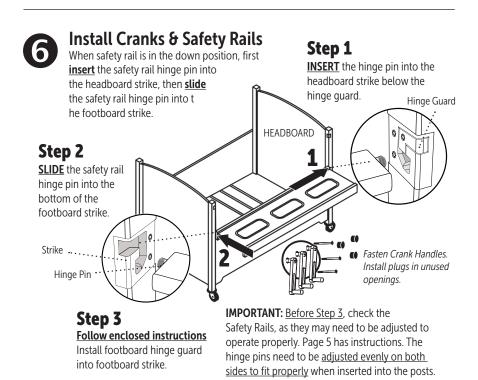


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Install Mattress.

Do not substitute the mattress as it designed specifically for SleepSafe® Beds. Further information is available on Page 4.



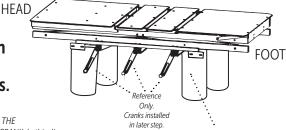
IMPORTANT: Once installed, use both hands to bring the safety rail up and attach it to the posts. Verify that it latches securely to both posts,

Assembly Guide)

- ☑ SleepSafer (Tall Bed)
- ✓ SleepSafer (Dual View)

After unpacking bed and checking the contents

Set Manual Hill-Lo Combo Foundation on 4 provided cardboard lifts.



IMPORTANT!

CHECK THE BED ORDER FOR THE

DESIRED LOCATION OF THE CRANK. In this diagram,
the cranks are mounted to the right of the head.

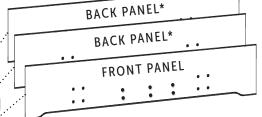
The crank positions may have been mounted to the left of the head.

When placing lifts beneath foundation, allow room for both side panels to be attached.

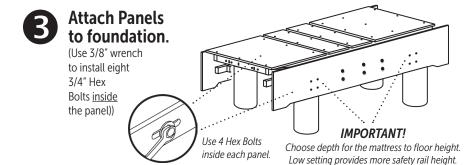
Insert Barrel Bolts into Back and Front Panels.

(Note: Barrel Bolts are pre-inserted in padded beds)

Align and push in Barrel Nut as shown. Use flathead screwdriver for assistance.

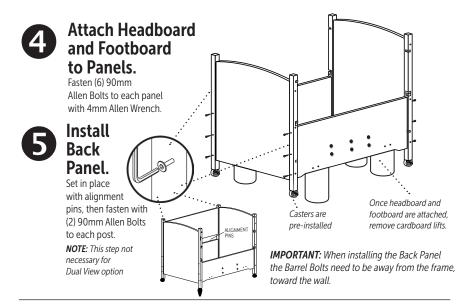


SleepSafer Bed (Tall Bed) Back Panels uses 10 Barrel Bolts SleepSafer Bed (Tall Bed) Front Panel use 6 Barrel Bolts * Dual View Option uses 2 Front panels only. No Back Panels.









Install Mattress.

Do not substitute the mattress as it designed specifically for SleepSafe® Beds. Further information is available on Page 4.



Step 2

safety rail. Strike ..

Hinge Pin

Install Cranks & Safety Rails

the headboard strike, then slide the hinge pin into the footboard strike. For SleepSafer Tall Beds, and SleepSafe Extension Beds, Step 1 both hinge pins on the top rail slide into the strikes. **INSERT** the hinge pin Install 4 rails for into the headboard strike DUAL VIEW option of the bottom safety rail HEADBOARD below the hinge guard. **SLIDE** the safety rail hinge Hinge pin into the footboard Guard strike of the bottom 0 0

Step 3

When the bottom safety rail is in the down position, **insert** the hinge pin into

IMPORTANT: Before Step 3, check the Safety Rails, as they may need to be adjusted to operate properly. Page 5 has instructions. The hinge pins need to be adjusted evenly on both sides to fit properly when inserted into the posts.

Follow enclosed instructions

Install footboard hinge guard into footboard strike. Then, install top safety rail(s), without hinge guards.

IMPORTANT: Once installed, use both hands to bring the safety rail up and attach it to the posts. Verify that it latches securely to both posts,

Fasten Crank Handles. Install plugs in unused

openina.

Assembly Guide

SleepSafe® Extension Bed (w/SUPERSCREEN Top)

After unpacking bed and checking the contents

Set Extension
Side Rails
Upside Down
and on their Legs.

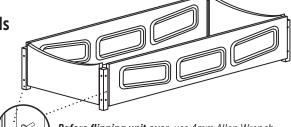
Assemble this with two people, otherwise one person can assemble one panel at a time after the the rest of the bed is assembled.





Attach
Extension Ends
to Side Rails.
Flip Assembly
Over.

Illustration shows assembly upside down. Flip unit over when assembly is completed.



Before flipping unit over, use 4mm Allen Wrench to fasten (8) 90mm bolts, 2 per post, on each side of the assembly.

If equipped, attach the SUPERSCREEN TOP to the Extension with Trim-Lok.

Trim-Lok is sewn into
the edges of the Top.
Attach to Extension by
snapping the Trim-Lok into
the grooves on the edge of the Extension.







This SleepSafe® Extension Bed installation step is based on ordering it as a complete unit.

Retrofitting an extension to a SleepSafer® Tall Bed requires additional instructions.

A Loosen top bolts on all 4 bed posts.

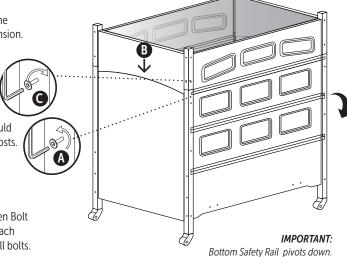
This allows play in the frame to fit the Extension.

Set the **Extension** on top of bed posts.

Extension posts should align with the bed posts.

G Fasten **Extension** to the Bed.

Fasten (1) 90mm Allen Bolt into each post to attach Extension. Tighten all bolts.



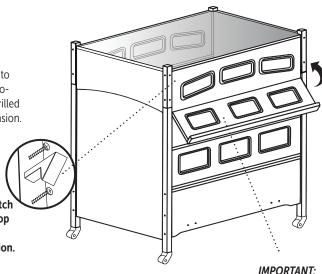


Install Safety Latch to Extension.

Align safety latch to threaded inserts located in the predrilled holes in the Extension. Use Phillips head screwdriver to mount the latch to the Extension.

The latch will catch and secure the top safety rail when raised into position.

Use hand to push latch up to release the rail.



Be sure to support safety rail with both hands while moving the rail into their secure positions.

Use both hands to carefully operate.

SleepSafe Bed Padding Information

Materials:

- 70 Denier Nylon Fabric Cover with a Fluid Resistant Healthcare Coating
- 3/4" High Density Foam Padding

Padding Features:

The safety rail pads extend up and over the rails and attach to the outside of the safety rails. The headboard and footboard pads extend to the top and to the edges of the legs of headboard and footboard.

- Padding covers the corner posts
- Anti-Static
- Non-allergenic
- Bacteria Resistant
- Stain Resistant
- Malodor Protection
- Fluid Resistant
- Fungal Resistant
- Flame Retardant
- Tear Resistant

Padding Attachment:

 Trim-Lok secures padding to the Safety Rails. Velcro® secures padding to the inside panels.

Padding Maintenance

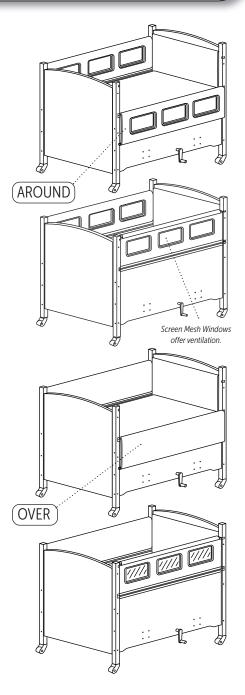
- For cleaning, use warm water and a mild cleanser. If the padding is over the windows, it can be removed and cleaned. If the padding is around the windows, please do not remove. It is best to clean the padding in its place.
- Do not machine wash.

Important Note:

- Padding is installed at the factory and will cover ALL 4 sides. Padding only 1 or 2 sides is NOT an option.
- Padding removal causes gaps between the mattress and the bed's interior.

Padding questions?

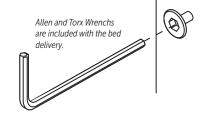
 Please contact customer service for any specific information about padding.



Final Bed Installation Checklist

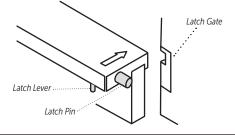
Check all bolts to see that they are tight.

Be sure all fasteners that hold the components are hand tightened with wrenchs.



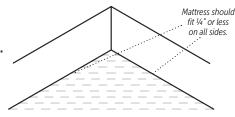
Check Safety Rails to be sure they operate and latch properly.

Safety Rails should pivot correctly, align properly and securely latch into the gate located on the bed posts.



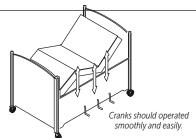
Check fit between headboard, footboard, bed sides and mattress.

The mattress should always fit snugly against the sides. If not, contact the DME or Customer Service at SleepSafe Beds.



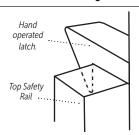
Check Bed Operation with the Hand Cranks.

This foundation uses manual cranks to control the mattress height and the elevation of the head and knee sections. The head should elevate to about 70° and the knee about 35°



For Extensions, check operation of Safety Latch holding the top Safety Rail.

Top Safety Rail should set in place when lifted up and into place on the Extension.



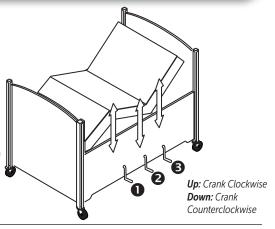
This latch should be properly mounted to the Extension to ensure top Safety Rail is securely held in place.

Operator's Guide: Manual Hi-Lo Combo

Operating the Manual Hi-Lo Combo Foundation

This foundation uses a manual crank in the front of the bed to control the following bed sections:

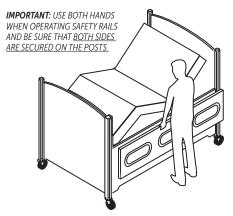
- To raise the knee section, turn the crank clockwise. To lower turn the crank counterclockwise,
- To raise the mattress, turn the crank clockwise. To lower the mattress, turn the crank counterclockwise.
- To raise the head section, turn the crank clockwise. To lower, turn the crank counterclockwise.



Handling, operating and securing the Safety Rails.

The top Safety Rail on the SleepSafer® (Tall Bed) is removable. The top Safety Rail on the SleepSafe® Extension Bed is not removable because it flips up and latches onto the extension.

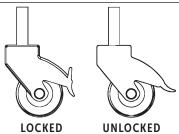
It is always recommended to handle the Safety Rails gently and firmly with both hands. Be sure both sides of the Safety Rail are securely attached to the post before leaving the bed alone.



How the Casters Work.

The casters are pre-installed at the factory in the bottom of the headboard and footboard legs. It is recommended that the casters are locked when the bed is in use to add to the bed's stability.

The casters are locked when the tab is in the down position. Unlocked when the tab is up.







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Frequently Asked Questions

How do I get replacement parts? What should I do if I have a repair problem?

Please call your Durable Medical Equipment (DME) provider that helped you purchase the bed. They should be able to help with any problem you may have. If your original DME provider cannot help you with replacement parts or repair, please contact us directly at 866-852-2337 so we may assist you.

Is there a battery backup system for beds using electricity in case of a power failure?

Yes. Battery backup systems (UPS) are typically available from office supply retailers. We recommend that you purchase a UPS battery back up unit such as APC's ES 750. This unit will give enough power to operate the bed for a limited time. This unit has 6 battery powered outlets to provide power for other devices as well.

My child's medical needs have changed. Can I change the foundation?

Yes. Most SleepSafe® Bed foundations can be converted to another bed. To convert a SleepSafe Bed foundation, you will need to purchase a Conversion Kit from SleepSafe® Beds. Insurance may or may not cover the additional cost of the conversion kit. It may be necessary to submit another letter of medical necessity justifying the change. You will need to make the purchase through your local DME provider of SleepSafe® Beds. Give us a call, toll-free, at 866-852-2337 for more information about SleepSafe® Bed conversions. We will be happy to assist you.

Can I buy a replacement mattress?

Yes, a replacement mattress may be purchased for your SleepSafe® Bed. Our mattresses are custom made to fit your SleepSafe® Bed based on whether the bed is padded or unpadded. Also, if the mattress was ordered for a SleepSafe Bed® with custom dimensions, it will need to be repaced accordingly. All SleepSafe® Bed mattresses are designed to avoid possible injury by reducing the gaps between the mattress and the sides of the bed. This is designed to reduce the chances of burrowing or entrapment.

How do I clean my SleepSafe® Bed?

All surfaces of a SleepSafe® Bed can be cleaned with water and mild detergent using a soft cloth. Please avoid any abrasives and solvents.

Lubricate the pins, actuators and hinges.

Annual Maintenance Checklist

	Tighten all bolts on panels and posts.
	Use provided Torx and Allen Wrenches to hand tighten. Avoid power tools.
V	Lubricate working components beneath the bed.

If necessary, adjust Safety Rails to insure proper operation.

See page 10 for instructions on how to adjust the position of the safety rail side by side and up and down.

Bed/Mattress Warranty Information

Full One-Year SleepSafe® Bed Warranty

The SleepSafe® Bed is warranted against defects in workmanship or components for a period of one year from the date of purchase. Sleep Safe Beds, LLC will repair or replace any defective part at no cost to the purchaser if the shipping of the part is within the continental United States.

Limited Five Year SleepSafe® Bed Warranty

During the second through fifth years from the date of purchase, SleepSafe Beds, LLC will replace any part found to be defective. Purchaser shall pay all service and shipping costs related to the replacement of the defective part.

Terms and Conditions for SleepSafe® Bed Warranty

A SleepSafe® Bed is expressly prescribed for a single user. This warranty will cover the bed for this user only. Warranty coverage beyond this use is handled on a case by case basis. This warranty applies to normal use and does not cover any damage caused by excessive wear, abuse, misuse, mishandling or modification of the product.

SleepSafe® Bed Mattress Warranty Information

All SleepSafe® Bed models are shipped with a CertiPUR-US® memory foam mattress with gel infused technology. This support surface provides optimized pressure redistribution rapid heat dissipation and increases in breathablity compared to standard foam. Memory foam infused with gel polymers is designed for patient comfort as well as clinical superiority. Benefits include: reduced incidence of pressure ulcers by channeling heat away from the body significantly faster than standard foam, virtually eliminating perspiration moisture. The mattresses are water resistant, but are not waterproof.

Full One-Year Warranty for SleepSafe® Bed Mattress

Full one year warranty from date of purchase. SleepSafe® Beds, LLC will replace the mattress due to a defect in the materials and workmanship of the mattress, at no cost to the purchaser.

Limited Five Year Warranty for SleepSafe® Bed Mattress

During the second to fifth year, SleepSafe® Beds, LLC will replace the mattress due to a defect in the materials or workmanship of the mattress, with the shipping costs to be paid by purchaser.

Terms and Conditions for SleepSafe® Bed Mattress Warranty

Any breakdowns or deterioration of the product caused by factors other than a defect in the materials and workmanship of the mattress, such as repeated exposures to bodily fluids by incontinence, are not covered by this warranty.





Durable Medical Equipment Provider

Bed Serial #	
Installation Date	
DME Provider	
DME Contact	
DME Address	
DME Phone	
DME Email	
Installed by	

Customer Service & Technical Support

SleepSafe Bed Support

Hours: 8 AM to 5 PM / M-F / EST

Toll Free: 866.852.2337 Local: 276.627.0088 Fax: 276.627.0234

Web: SleepSafeBed.com

In case of an EMERGENCY after hours, please call 866-852-2337 for instructions on how to access the on-call technician.

DME Provider Support

DME: _____

Conact: _____

Phone: _____

Email: _____

Web: ____



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3629 Reed Creek Drive | Bassett, VA 24055 WI-820.120-4 Manual Hi-Lo Combo [4] Rev. 05