## PRODUCT & ASSEMBLY GUIDE

# Manual Hi-Lo

FOUNDATION



The Manual Hi-Lo foundation uses a manual crank to raise and lower the foundation.



OSleepSafe (Low Bed)



SleepSafe II (Medium Bed)



O SleepSafer (Tall Bed)
O Dual View



OSleepSafer with Extension

○Dual View ○with Topper



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



MANUAL HI-LO

# Tools Needed for Assembly



Allen and Torx Wrenches (Supplied)



Flat and Phillips Head Screwdrivers



3/8" Open or Closed End Wrench



# **Note! Read Before Assembly**

- **KEEP THIS PRODUCT & ASSEMBLY GUIDE.** IT CONTAINS THE <u>SERIAL NUMBER</u>
- 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> OF CHILDREN.

- 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.
- <u>DO NOT USE POWER TOOLS</u> DURING ASSEMBLY OR DISASSEMBLY
- WARNING STRANGULATION HAZARD: STRINGS CAN CAUSE STRANGULATION! NEVER PLACE BED NEAR WINDOW WHERE CORDS FROM BLINDS OR DRAPES MAY STRANGLE A CHILD.
- KEEP REMOTE CONTROL CORD AWAY
   FROM BED 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 FOR MISSION
   CRITICAL CONTROL OF BED FOR USER
- 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	String Wear	SHE MAN SHE	2/EED (1911)	Series Se	To Jahr Sept	OF MAIN SE	The Control of the Co
Cardboard Spacer	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	40	12	28	40
40 mm Allen Bolt					Tw-12 Fu-18 Qu-18			Tw-12 Fu-18 Qu-18
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 Safety Latch & 2 Screws				1	1		2	2





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Included Component for	ts /	String (100 Med)	String St	2/4/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	The state of the s	To State Sta	(8) (10) (10) (10) (10) (10) (10) (10) (10	Control of the contro
Assembly	Ser	2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /		247	27 27 27 27 27 27 27 27 27 27 27 27 27 2	24 24 25		The local distribution of the local distribu
Manual Hi-Lo Frame	1	1	1	1	1	1	1	1
Crank Set: Extension, Crank, Bolt, Plugs	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 End Panel				2	2		2	2
Extension Side Panel				2	2		2	2
Extension Topper					1			1

# Assembly Guide

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

# After unpacking bed and checking the contents

**Set Manual HEAD** Hi-Low **Foundation** on 4 provided cardboard spacers.

#### IMPORTANT!

CHECK THE BED ORDER FOR THE DESIRED LOCATION OF THE CRANK. In this diagram, the crank has been mounted to the right of the head. The crank position could be mounted to the left of the head.

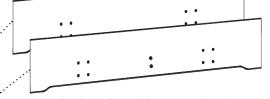
Reference Only. Crank installed in later step.

When placing spacers beneath 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)

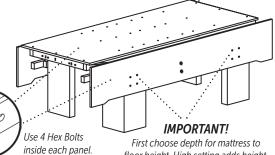
Align and push in Barrel Nut as shown. Use flathead screwdriver for assistance.



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)

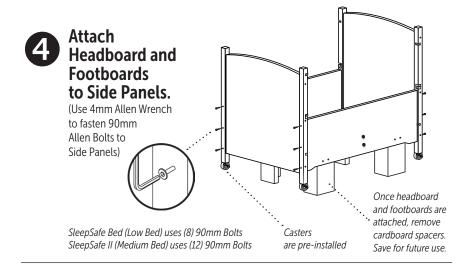


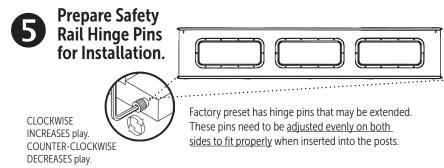
floor height. High setting adds height.



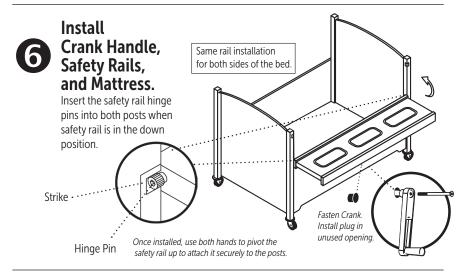


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NOTE: Full instructions for safety rail adjustment are found on page 10.

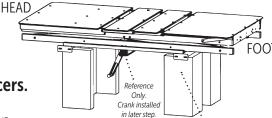


# **Assembly Guide** )

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

# After unpacking bed and checking the contents

Set Manual HEAD Manual Hi-Lo Foundation on 4 provided cardboard spacers.



#### **IMPORTANT!**

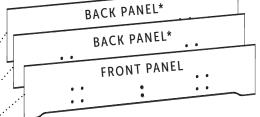
CHECK THE BED ORDER FOR THE DESIRED LOCATION OF THE CRANK. In this diagram, the crank has been mounted to the right of the head. The crank position could be mounted to the left of the head.

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

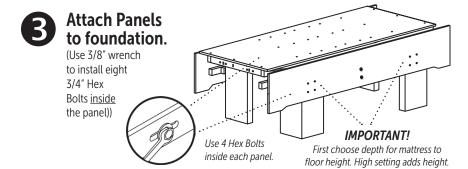
Insert Barrel Bolts into Back and Front Panels.
(Note: Barrel Bolts

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

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



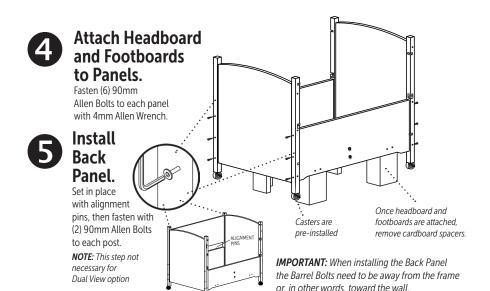
SleepSafer Bed (Tall Bed) Back Panels uses 10 Barrel Bolts SleepSafer Bed (Tall Bed) Front Panel use 6 Barrel Bolts \* Dual View Option uses 2 Front panels only. No Back Panels.





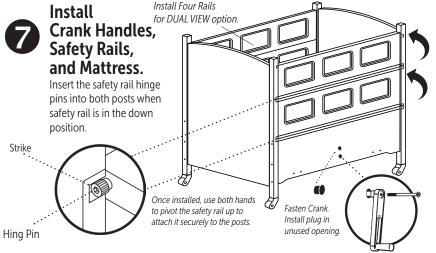


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NOTE: Full instructions for safety rail adjustment are found on page 10.



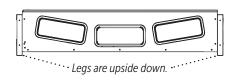
# **Assembly Guide**

# SleepSafer (Tall Bed) Open & Closed Extensions

# After unpacking bed and checking the contents

Set Extension
Side Rails
Upside Down
and on their Legs.

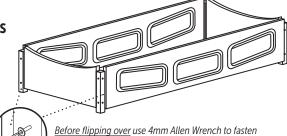
Assemble this with two people, otherwise one person can assemble one panel at a time after the the rest of the bed is assembled.





Attach
Extension Ends
to Side Rails.
Flip Assembly
Over.

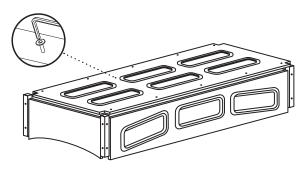
Illustration shows assembly upside down. Flip unit over when assembly completed.



<u>Before flipping over</u> use 4mm Allen Wrench to faster (8) 90mm bolts, 2 per post, on each side of the

If Applicable,
Attach the
Top to the
Extension.

Use 4mm Allen Wrench to attach Extension Top with (12) 40mm Allen Bolts







SleepSafeBed.com 1-866-852-2337 A Loosen top bolts on all 4 bed posts.

This allows play in the frame to fit the Extension.

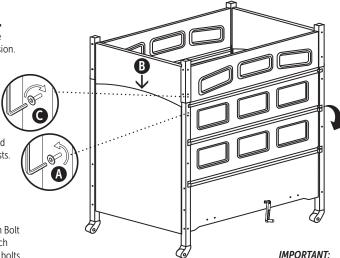
Set the Extension on top of bed posts.

Extension posts should align with the bed posts.

Fasten Extension to the Bed.

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

This SleepSafer® Tall Bed Extension installation step is based on ordering it <u>with</u> the SleepSafer® Tall Bed. <u>Retrofitting this Extension requires</u> additional instruction.



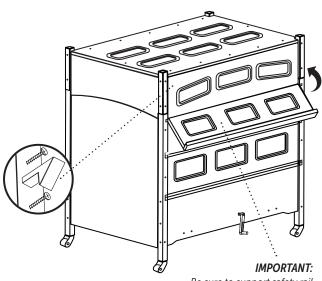
Bottom Safety Rail pivots down. Use both hands to carefully operate.

# 6

# 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 thumb 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.

# Up and Down Safety Rail Adjustment

Does the Safety Rail need adjustment?

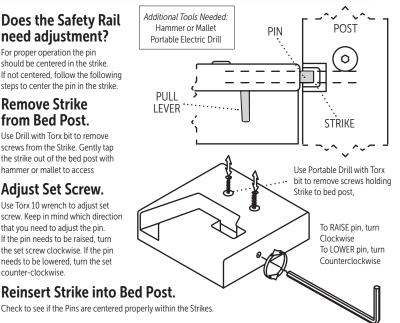
> For proper operation the pin should be centered in the strike. If not centered, follow the following steps to center the pin in the strike.

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.



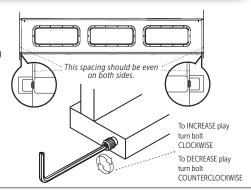
# Side by Side Safety Rail Adjustment

**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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# 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.

- Anti-Static
- Bacteria Resistant
- Malodor Protection
- Fluid Resistant
- Fungal Resistant
- Flame Retardant
- Tear Resistant



# **Padding Attachment:**

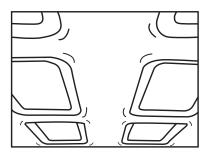
• Industrial strength Velcro is used to secure the padding to inside panels and safety rails.

# **Padding Maintenance**

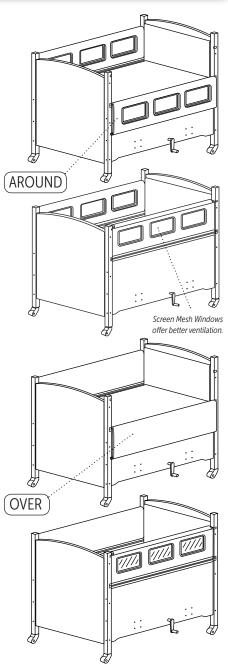
• For cleaning, use warm water and a mild cleanser. If the padding is over the windows, it can be removed and cleaned. If the padding is around the windows, please do not remove. It is best to clean this padding in its place.

## **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 will cause a gap between the mattress and the bed's interior.



Padding for a SleepSafer Tall Bed with an Extension Top works around the sceen mesh windows for better ventilation.



# SleepSafe Bed Mattress Information

# SleepSafe Bed® – Our Memory Foam Mattress with Gel Technology

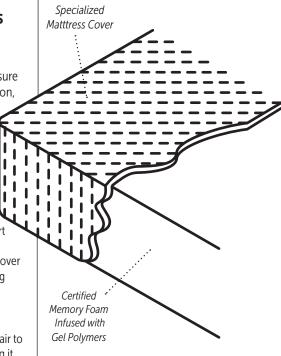
SleepSafe® Bed mattress support surfaces provides optimized pressure redistribution, rapid heat dissipation, and increases in breathability compared to standard foam.

 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.



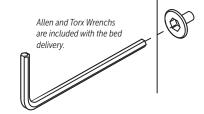


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# **Final Bed Installation Checklist**

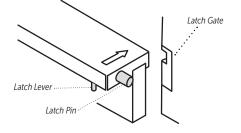
Check all bolts to see that they are tight.

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



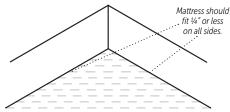
Check Safety Rails to be sure they operate and latch properly.

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



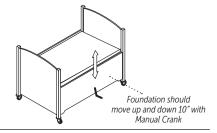
Check fit between headboard, footboard, bed sides and mattress.

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



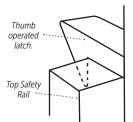
Check Bed Operation with the Hand Crank.

This foundation uses a manual crank to control the height of the foundation. The range of this up and down movement is around 10 inches. It should operate smoothly and easily.



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.

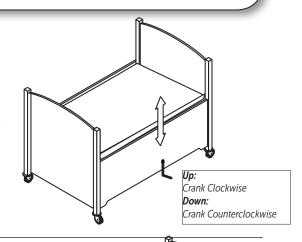
# **Operator's Guide: Manual Hi-Lo**

# Operating the Manual Hi-Lo Foundation

This foundation uses a manual crank in the front of the bed to control the height of the foundation. The total range of this up and down movement is around 10 inches.

To move the foundation up, turn the Crank CLOCKWISE.

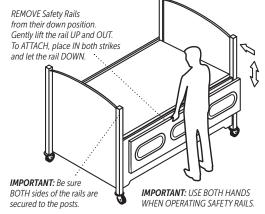
To move the foundation down, turn the Crank COUNTERCLOCKWISE.



# Handling, operating and securing the Safety Rails.

Safety Rails on the SleepSafe (Low Bed), SleepSafe II (Medium Bed) and SleepSafer (Tall Bed) are removable. Removing the Top Rail first on the Tall bed is recommended. The top Safety Rail on the SleepSafer with the Extension is not removable. The Top Rail attaches to the Extension.

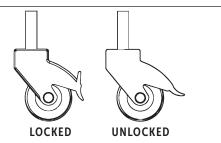
It is always recommended to handle the Safety Rails gently and firmly with both hands. Be sure both sides of the Safety Rail are securely attached to the post before leaving the bed alone.



#### 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 local dealer that helped you purchase the bed. They should be able to help with any problem you may have. If your original dealer cannot help you with replacement parts or repair, please contact us directly so we may assist you at 866-852-2337.

#### Is there a way to install the cranks on the other side of my bed?

Yes. Call the office at 866-852-2337 and we will send you detailed instructions for how to move the cranks to the other side of the foundation. We recommend that two people work on this installation as it involves tunring the foundation over to access the accuators and other chassis components.

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

Yes. Most SleepSafe® Bed foundations can be converted to another bed. We will be glad to assist you. Give us a call, toll-free, at 866-852-2337 for more information about SleepSafe® Bed conversions. To convert any 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.

#### Can I buy just a mattress?

Yes, as a replacement for a SleepSafe® Bed mattress. We do not recommend using a SleepSafe® Bed mattress for another bed type. Our mattresses are designed and custom sized to fit inside a SleepSafe® Bed and may not be appropriate for other beds. Safety is our number one priority and our mattresses are designed to fit snugly within the wooden bed frame to reduce the chance 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.

# **Annual Maintenance Checklist**

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

  Lubricate the pins, actuators and hinges.
- ✓ Clean Padding and Check Velcro® if bed is padded.

  Use a mild detergent to gently clean surfaces, avoid abrasive cleaning pads or sponges. Check to see that Velcro® is attached properly.

# **Bed/Mattress Warranty Information**

#### Full One-Year SleepSafe® Bed Warranty

The SleepSafe® Bed is warranted against defects in workmanship or materials 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.





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# **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 help desk.

## **DME Provider Support**

DME:
Conact:
Phone:
Email:
Web:



# SleepSafeBed.com | 866.852.2337

3629 Reed Creek Drive | Bassett, VA 24055 | FDA Registered WI-820.120-3 Manual Hi-Lo [3] Rev. 01