

# STRUCTURES<sup>®</sup>



This STRUCTURES<sup>™</sup> product is backed by a 20-year limited warranty.  
For more information, visit:

[www.maloufsleep.com](http://www.maloufsleep.com)

[WWW.MALOFSLEEP.COM](http://WWW.MALOFSLEEP.COM) • [CUSTOMERSERVICE@MALOFSLEEP.COM](mailto:CUSTOMERSERVICE@MALOFSLEEP.COM) • 800.517.7179

MALOUF<sup>®</sup>

# STRUCTURES<sup>®</sup>

OWNER'S MANUAL  
E40 ADJUSTABLE BED



## WARNINGS

**IMPORTANT: PLEASE READ ALL SAFETY INSTRUCTIONS THOROUGHLY BEFORE USING THIS PRODUCT. SAVE THESE INSTRUCTIONS.**

### ELECTRICAL

- This product is for use on a standard 120-volt circuit.
- Always use a grounded, electrical surge protection device with this product. This product should be plugged directly into the surge protection device and the surge protection device should be plugged directly into a wall outlet.
- Only connect this product to a properly grounded outlet.
- Always unplug this bed from the electrical outlet before cleaning or servicing.
- Never operate with a damaged cord or plug. Keep the cord away from this product's moving parts.
- Keep the cord away from heated surfaces.
- Do not use this product outdoors.
- To disconnect, turn all controls to the off position, then remove plug from outlet.

### SMALL CHILDREN / PETS

- Immediately dispose of all packing materials that may pose a suffocation risk.
- Do not allow children or pets to play on or under the bed. Children should not operate this product without adult supervision.

### PACEMAKERS

- Some pacemakers may detect motion by this product as a false sense of movement and/or exercise. This may or may not affect your pacemaker. Talk to a physician to address any concerns.

## HOME USE / HOSPITAL DISCLAIMER

- This product is designed solely for in-home use and not as a hospital bed. The product does not meet hospital standards. Do not use with oxygen or other flammable gasses.

## WEIGHT RESTRICTIONS

- The recommended weight restrictions for the Structures™ E40 Adjustable Bed are as follows: (all weights include the weight of the mattress and bedding).

Twin XL: 400 lbs. | Split Beds: 500 lbs. per side | Queen: 650 lbs.

- This product will support the recommended weight limits when weight is distributed evenly across the base. This product is not designed to support or lift this amount in the head or foot sections alone. Consumers should not enter or exit the bed when any portion of it is in the raised position. Do not sit on the head or foot sections while in the raised position. Exceeding the recommended weight restrictions or other misuse of this product could damage the bed and void the warranty.

## PRODUCT RATINGS

**IMPORTANT: USE THIS PRODUCT ONLY AS DESCRIBED IN THESE INSTRUCTIONS. DO NOT MODIFY ANY PARTS OR COMPONENTS.**

### MOTOR RATINGS

- The STRUCTURES™ E40 Adjustable Bed motors are not designed to operate for more than two [2] continuous minutes within an eighteen [18] minute time period. Exceeding this rating will shorten the life of the motors, and will void the warranty.

### POWER RATINGS

- **INPUT:** AC 120V - 60Hz, 1 Amp
- **OUTPUT:** DC 24V-3A
- **FUSE:** 1.5A 250V
- If a short-circuit occurs a fuse in the electrical motor compartment will be blown in order to protect the electrical components. Should this occur, the customer should seek professional assistance by calling a licensed electrician or by contacting customer service at: 800.517.7179
- This product is designed to have no maintenance requirements by the user. Please do not open any motor compartments, alter the wiring, modify the base, or change the product in any way as it will void the warranty.

For any questions or concerns regarding this product please contact MALOUF® directly:

**WWW.MALOUFSLEEP.COM • CUSTOMERSERVICE@MALOUFSLEEP.COM • 800.517.7179**

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# STRUCTURES<sup>™</sup>

E40 ADJUSTABLE BED

## OWNER'S MANUAL

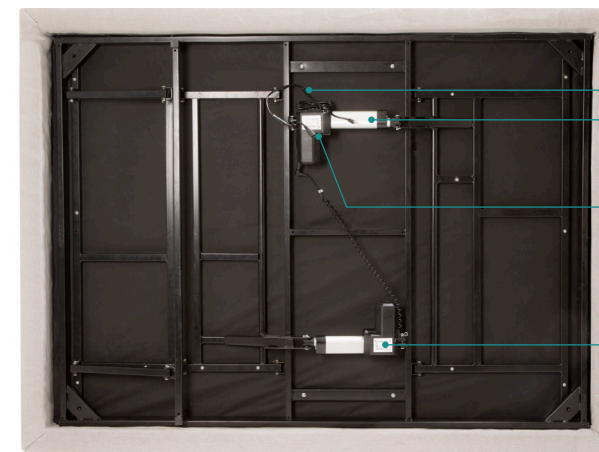
### OVERVIEW

#### Get to know your product

Before beginning assembly of the Structures<sup>™</sup> E40 Adjustable Bed, please take a moment to familiarize yourself with the parts and location of components. See the adjacent image for a detailed overview.

If any parts or components are missing, or are different than shown in the adjacent image, do not attempt to complete the assembly process and contact customer support: 800.517.7179 / [customerservice@maloufsleep.com](mailto:customerservice@maloufsleep.com)

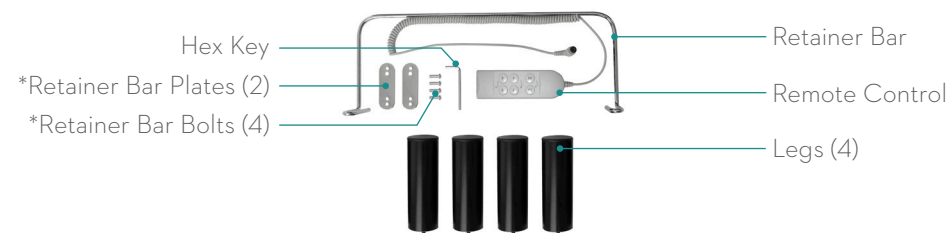
MALOUF<sup>™</sup>



Power Cord Input  
Bed Motor &  
Control Box

Remote Control  
Input

Bed Motor &  
Control Box



\*The Retainer bar plates and bolts are installed in the location of the retainer bar at the foot of the bed and not among the other parts. You must remove the bolts and plates prior to installing the retainer bar.

## ASSEMBLY

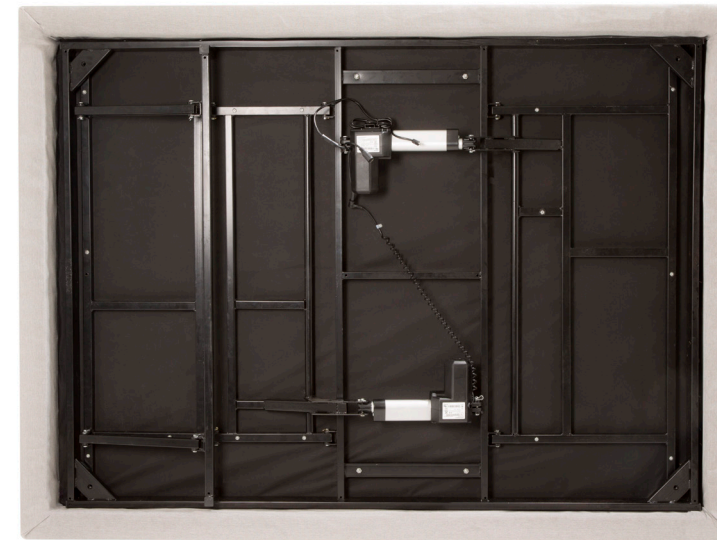
### Step 1:

Place the box in the room the bed will be used with the bottom of the box facing up. Carefully remove the binding straps and packaging material, taking care not to puncture the box with any sharp objects.

### Step 2:

Remove the bed base from the box and set mattress side down on the floor (see image A). Remove all plastic and zip ties. All components and parts are located in the underside of the base. Remove attached parts and set aside in preparation for assembly (image B). Check to make sure all parts have been included and are not damaged (see page 2 for a list of all parts and components).

A



B



## ASSEMBLY

### Step 3:

Hand tighten all four legs into the bed frame until secure. Take care not to over tighten (see image A).

### Step 4:

Install the remote control by connecting the cord jack to the receptacle on the control box (see image B). Be sure the cord is connected completely and securely.

### Step 5:

Install the power cord by attaching the cord box to the receptacle located on the control box. The power cord also includes a battery box for the backup battery function (see image C).

A



B



C



## ASSEMBLY

### Step 5:

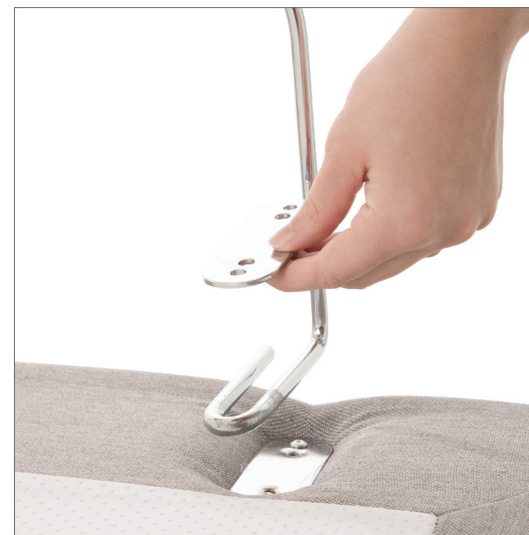
With two people, lift the bed by the metal frame and turn it over so the mattress side is facing up. Take caution not to lift the bed with the fabric skirt, as this may cause damage. Move the bed to the desired location.

### Step 6:

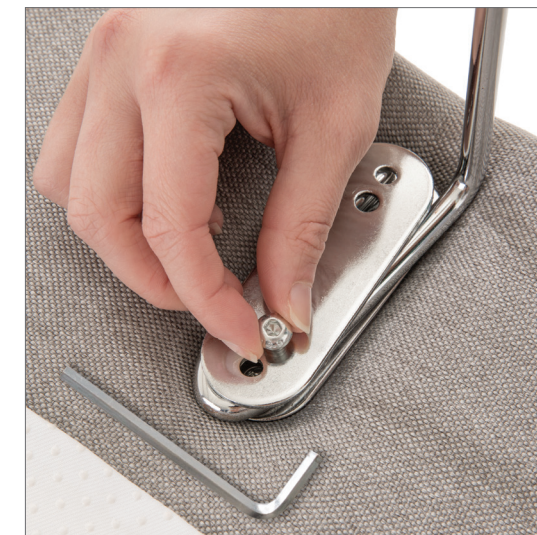
To install the mattress retainer bar, use the provided hex key and remove the four bolts and two plates from the foot end of the bed. Align the mattress retainer bar on the bed. Place the metal plate on top of the retaining bar (image A) and use the provided hex key to tighten bolts (image B). Take care not to over tighten the bolts. The assembly is now complete.

Plug the power cord into the wall outlet and run the test on pages 21 – 22 of this manual. You may want to familiarize yourself with the remote control functions (pages 9 – 14) prior to running the test.

A



B

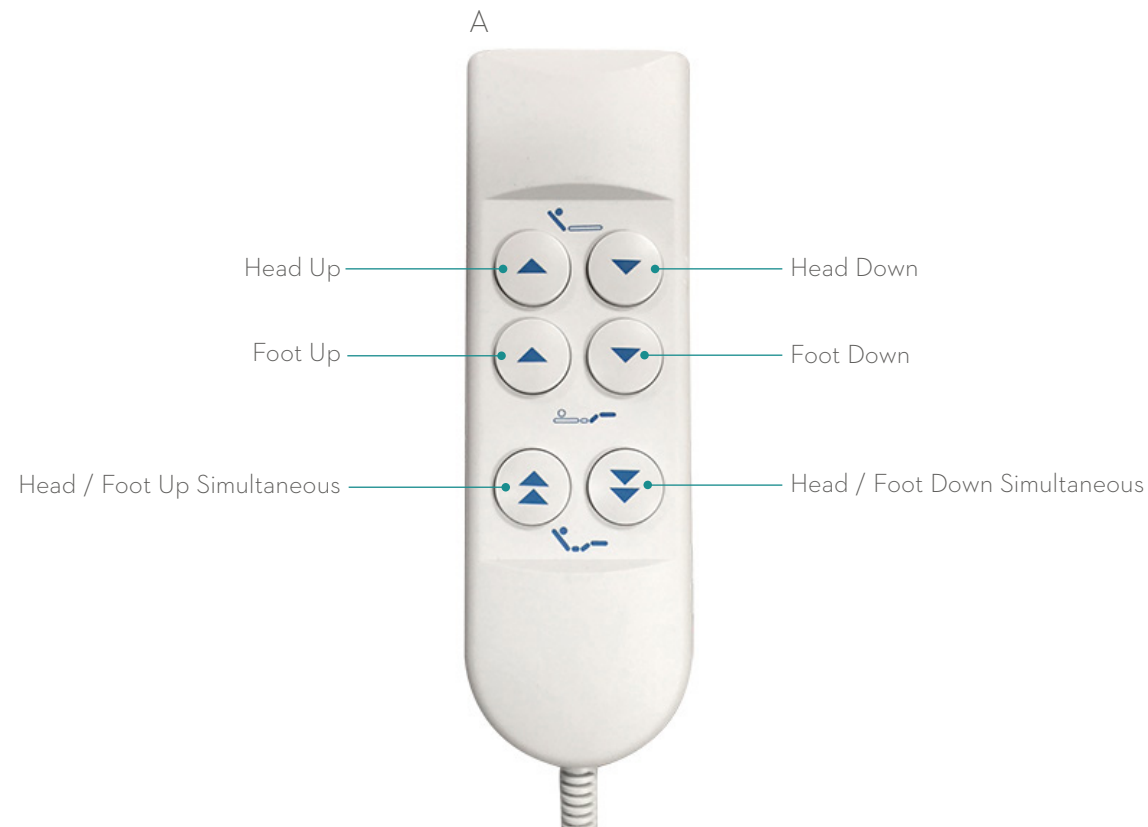




## REMOTE CONTROL

### Overview

All of the functions of the bed can be operated with the remote control. See the diagram to the right (image A) for a complete list of remote control functions.



## BACKUP BATTERY

### Overview

**Important:** The backup battery is only to be used in case of a power outage. Batteries are not to be used for normal operation of the bed.

### Backup Battery Use:

Use two (2) 9-volt alkaline batteries only (not included). If a power outage occurs install the 9-volt batteries into the battery compartment on the power cord (see image A). The backup battery will not support repeated movement for long periods of time. While using the backup battery it is recommended to move the head and foot of the bed independently rather than simultaneously.

**Remove the batteries after power is restored as the system will continue to draw power from the battery, even if not in use.**



## TEST ALL FUNCTIONS

### Overview

To ensure proper setup, use remote and test all functions for 3 seconds.

- ☐ Head Up
- ☐ Head Down
- ☐ Foot Up
- ☐ Foot Down
- ☐ Head / Foot Up Simultaneous
- ☐ Head / Foot Down Simultaneous



## ADDITIONAL HELP

**If one or more functions of the bed have stopped working:**

Check under the bed base to verify the wired connections are secure and there are no cords or bedding obstructing the movement of the base.

**The remote control lights no longer illuminate / the remote won't operate the bed functions:**

Make sure the remote control jack is connected completely and securely into the receptacle on the control box (see page 6 for location and installation instructions).

**The remote control lights illuminate, however no functions of the bed will operate:**

Unplug the base for 1 hour to reset the electronic components.

Plug base into a different electrical outlet, or test current outlet with another working appliance. A grounded electrical surge protector is recommended with use of this product.

**For further assistance contact us at:** 800.517.7179 / customerservice@maloufsleep.com

## NOTES:

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## Serial Number:

The serial number is located on the control box (see page 2 for location diagram)