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ADVISORY

READ THE FOLLOWING INFORMATION CAREFULLY BEFORE USING THIS PRODUCT

This PowerBASE™ adjustable bed has been quality engineered with design features to assure comfort and safety when operated properly.

ELECTRICAL GROUNDING
This product is equipped with a polarized or grounded electrical power cord. The power cord will only fit into a grounded, electrical surge protection device (not included) or a grounded electrical outlet.

PRODUCT RATINGS
The bed lift motors are not designed for continuous use. Reliable operation and full life expectancy will be realized as long as the lift motors do not operate any more than five (5) minutes over a thirty (30) minute period, or approximately 15% duty cycle. Note: massage equipped beds are not designed for continuous, extended massage operation. Massage systems are rated for a maximum of 2 hours of use within any 6 hour period. Any attempt to circumvent or exceed product ratings will shorten the life expectancy of the product and may void the warranty.

The recommended weight restrictions for PowerBASE™ adjustable beds are as follows: AC equipped - 600 lb (272 kg) all sizes, DC equipped - 450 lb (204 kg) all sizes. The bed will structurally support the recommended weights distributed evenly across the head and foot sections. This product is not designed to support or lift this amount only in the head or foot sections alone. Note: exceeding the recommended weight restrictions could damage your adjustable bed and void your warranty.

For best performance, consumers should enter and exit the adjustable bed with the bed in the flat (horizontal) position. DO NOT SIT ON THE HEAD OR FOOT SECTIONS WHILE IN THE RAISED POSITION.

UL (Underwriters Laboratories) listed components.
CFR 1633 approved for use with most mattresses.
Made in USA.

IMPORTANT INFORMATION

WARRANTY WARNING
Do not open any control boxes, motors or hand control devices (with the exception of the hand control and power down box battery compartments). The product warranty will be void if these components are tampered with. Do not attempt to alter component wiring or adjust or modify the structure of the product in any way or the warranty will be void. Any repair or replacement of adjustable bed parts must be performed by authorized personnel.

LUBRICATION
This product is designed to be maintenance free. The lift motors are permanently lubricated and sealed—no additional lubrication is required. Do not apply lubricant to lift motor lead screws or any nylon nuts or the bed may inadvertently creep downward from the elevated position.

WARNING
FOR OPTIMUM ADJUSTABLE BED OPERATION, USE A GROUNDED, ELECTRICAL SURGE PROTECTION DEVICE (NOT INCLUDED). FAILURE TO USE A SURGE PROTECTION DEVICE COULD COMPROMISE SAFETY OR CAUSE PRODUCT MALFUNCTION.
READ THE FOLLOWING INFORMATION CAREFULLY BEFORE USING THIS PRODUCT
This PowerBASE™ adjustable bed has been quality engineered with design features to assure comfort and safety when operated properly.

SMALL CHILDREN / PETS WARNING
After the bed is unboxed, immediately dispose of packaging material as it can smother small children and pets. To avoid injury, children or pets should not be allowed to play under or on the bed. Children should not operate this bed without adult supervision.

HOSPITAL USE DISCLAIMER
This bed is designed for in-home use only. It is not approved for hospital use and does not comply with hospital standards. Do not use this bed with tent type oxygen therapy equipment, or use near explosive gases.

PACEMAKER WARNING
This product produces a vibrating sensation. It is possible that individuals with heart-assist pacemakers may experience a sensation similar to exercise. Consult physician for complete information.

SERVICE REQUIREMENTS
Service technicians are not responsible for moving furniture, removing headboards and footboards or any items required to perform maintenance on your adjustable bed. In the event the technician is unable to perform service due to lack of accessibility, the service call will be billed to the purchaser and the service will have to be rescheduled.

FCC COMPLIANCE
PowerBASE™ electrical components are rated for 110/120 voltage, 60Hz, 3.9 amp. Components meet Class B digital device rating (Part 15, FCC rules) for residential use. PowerBASE™ adjustable beds generate, use and may radiate radio frequency energy. Radio communication may be affected if not installed and operated as recommended in this manual.

Radio frequency = 310MHz.

LOCKING CASTER SAFETY FEATURE
Many PowerBASE™ models are equipped with locking casters to prohibit the bed from movement. For best results, place rubber caster cups under locking casters when the bed is located on smooth or hard surface flooring—it is possible for locking caster equipped beds to slide without the use of rubber caster cups.

To activate locking casters, push down on the lock tab. To disengage the locking mechanism, lift up the lock tab (see illustration below).
ACOUSTICS

LIFTING/LOWERING MECHANISMS
The lift/lower feature will emit a minimal humming sound during operation. This is normal.

During PowerBASE™ operation, the lift arm wheels make contact with the platform support of the bed. This applies slight tension on the moving components and resonance is reduced to a minimum level. If excessive noise or vibration is experienced, reverse the movement action (up or down) of the bed with the hand control. This should realign the bed’s activating mechanisms to the proper operational position.

MASSAGE OPERATION
The massage feature will emit a minimal tone during operation. This is normal. When the massage level is increased, motor resonance will intensify accordingly.

LOCATION ENVIRONMENT
The level of sound experienced during PowerBASE™ operation is directly related to the location environment. For example, when a bed is located on a hardwood floor with the massage feature in operation, a vibrating tone will be audible. To minimize this resonance, place a piece of carpet—or optional rubber caster cups—under each leg or caster of the bed. See the accessory sheet included with this product for rubber caster cup order information.

It is possible to experience vibration or noise from the headboard brackets, headboards or footboards if mounting bolts are not firmly tightened.
INSTALLATION

For PowerBASE™ installation and setup, complete the numbered procedure indicated below and on the following pages:

1. Before discarding any packing materials, check the adjustable bed shipping carton and verify the following items are included:
   - (1) Mattress Retainer
   - (1) Mattress Retainer Hardware Kit
   - (4) Bed Legs
   - (4) Locking Leg Casters (optional for Pro-Motion™ products)*
   - (4) 5 inch Adjustable Legs (standard for Silhouette™ and Optima products)
   - (2) Headboard Bracket Assemblies (Most Silhouette™, Profile, and Pro-Motion™ products do not include headboard bracket assemblies)*
   - (1) Headboard Bracket Hardware Kit (Most Silhouette™, Profile, and Pro-Motion™ products do not include headboard bracket kit)*
   - (1) Hand Control
   - (1) Owners Manual
   - (1) Hand Control Guide
   - (1) Accessory Sheet
   - (1) Warranty Sheet
   - (1) Registration Card
   - (1) Adjustable Bed Quick Setup Guide

*S-cape™ and Optima are Type A bed base frames. Silhouette™, Profile, and Pro-Motion™ are Type B bed base frames.

For PowerBASE™ installation and setup, complete the numbered procedure indicated below and on the following pages:

- (1) Mattress Retainer
- (1) Mattress Retainer Hardware Kit
- (4) Bed Legs
- (4) Locking Leg Casters (optional for Pro-Motion™ products)*
- (4) 5 inch Adjustable Legs (standard for Silhouette™ and Optima products)
- (2) Headboard Bracket Assemblies (Most Silhouette™, Profile, and Pro-Motion™ products do not include headboard bracket assemblies)*
- (1) Headboard Bracket Hardware Kit (Most Silhouette™, Profile, and Pro-Motion™ products do not include headboard bracket kit)*
- (1) Hand Control
- (1) Owners Manual
- (1) Hand Control Guide
- (1) Accessory Sheet
- (1) Warranty Sheet
- (1) Registration Card
- (1) Adjustable Bed Quick Setup Guide

*S-cape™ and Optima are Type A bed base frames. Silhouette™, Profile, and Pro-Motion™ are Type B bed base frames.
2. Carefully lift the bed base frame from the shipping carton, keeping the unit top-side-down.

3. Install (4) legs into the base frame. Simply screw each leg into a tapped hole at each corner of the base frame (FIGURE 1). Insert casters into the bottom of each bed leg (if applicable).

4. Remove and extend out power cord from the protective packaging.

**WARNING**

**POWER CORDS MUST NOT INTERFERE WITH ANY ADJUSTABLE BED MECHANISMS.**

5. For beds equipped with power down box, install (2) 9 volt batteries into the power down box (FIGURES 2 and 3). **Note: beds not equipped with a power down box do not require batteries.**

6. Remove the plastic packaging from the bed base frame. Carefully rotate the base frame over to position the bed top-side-up.

7. Plug power cord into a working, grounded electrical outlet. **Note: an electrical surge protection device is recommended (not included).**

8. If hand control is non-wired type, install batteries in hand control (wired hand controls do not require batteries). Briefly activate all functions of the bed with the hand control to verify all features are in working order. If bed does not operate, refer to the Troubleshooting section of this manual.

9. Return bed to the level position.
Standard Mattress Retainer

10. Install mattress retainer as follows:

Note: for Profile-DC model adjustable bed mattress retainer installation, refer to Step 10a installation instructions beginning on the next page. All other PowerBase™ mattress retainers install as follows:

a. Install (1) cupped washer, (1) spacer and (1) flat washer on (4) mattress retainer bolts (FIGURE 4).

b. Install the mattress retainer bolts (loosely) into (4) threaded lugs in the top side of the bed base at the foot section (FIGURE 5).

c. Slide each U-shaped end of the mattress retainer around the mattress retainer bolts. Position the retainer ends between the spacer and the washer (FIGURE 5).

d. Tighten screws to complete mattress retainer installation (FIGURE 6).

Note: if adjustable bed is to be set up without a headboard, install mattress on the bed base frame and installation is complete. If headboard is to be installed, proceed to step 11.
Profile-DC Mattress Retainer

10a. Install Profile-DC mattress retainer as follows:

   a. Locate (1) mattress retainer and (1) mattress retainer hardware kit (FIGURE 7).

MATTRESS RETAINER HARDWARE KIT CONTAINS:
(4) MATTRESS RETAINER BOLTS - A
(4) FLAT WASHERS - B
(4) RETAINING CLIPS - C

b. Install (1) flat washer, (1) retaining clip on (4) mattress retainer bolts (FIGURE 8).

c. With the bed base oriented top-side-up, lay under the foot end of the bed and locate (4) threaded lug locator pins (FIGURE 9).

d. Pull out wooden locator pins to expose threaded lugs.

e. Align mattress retainer until it makes contact with the end of the bed base (FIGURE 10).

f. Holding the retainer in place, install the (2) inside mattress retainer bolts (loosely) into the threaded lug fittings (FIGURE 10).

g. Install the (2) outside mattress retainer bolts (FIGURE 10).
h. Tighten all mattress retainer bolts with a 7/16 inch wrench or socket. 
   **Note: do not overtighten.**

11. Install headboard brackets to the bed base frame*. When attaching (2) twin size units to a king size headboard, use a swing hinge kit (see accessory sheet) to connect the twin units.

*S-cape™ and Optima are **Type A** bed base frames. Silhouette™, Profile, and Pro-Motion™ are **Type B** bed base frames.

**NOTE**

FAILURE TO FOLLOW HEADBOARD BRACKET INSTALLATION INSTRUCTIONS MAY CAUSE HEADBOARD BRACKET INTERFERENCE WITH BASE FOAM DURING ADJUSTABLE BED OPERATION. BASE FOAM OR BASE COVER DAMAGE COULD RESULT.

**Note:** if adjustable bed is to be set up without a headboard, install mattress on the bed base frame and installation is complete. If headboard is to be installed, proceed to step 11.

**FIGURE 11:** Typical twin size Profile-DC shown with mattress retainer installed.

**FIGURE 12:** headboard cross member location must not exceed 3 inches (76.2mm) from the top of the mattress.
12. Install headboard bracket assemblies per the following procedure:

*Note: Headboard brackets are optional for Type B beds. See accessory sheet for order information.*

a. Raise the head section of the bed (with hand control) to gain access to the bed base frame.

b. Determine bed base type ([FIGURES 13 and 14](#)). For bed base Type A, proceed to step “e”. For bed base Type B, proceed to step “c”.

c. For bed base Type B, locate channel connector kit ([FIGURE 15](#)). On one side of bed base frame, locate (2) holes for channel connector mounting ([FIGURE 16](#)).
d. Position channel connector so that the flat side is flush against bed base frame. Attach channel connector to bed base frame using (2) 1½ inch long hex head bolts/nuts (FIGURE 17). Tighten bolts. **Note:** For beds with 74” base length, use inner mounting holes. For beds with 80” base length, use outer mounting holes (FIGURES 15 and 17).

![FIGURE 17: Bed base Type B channel connector attachment.](image)

![FIGURE 18: Bed base Type A bracket channel attachment.](image)

![FIGURE 19: Bed base Type B bracket channel attachment.](image)

e. Using (2) 3 inch long carriage bolts/nuts, attach (1) headboard bracket channel to bed base frame (bed base Type A) (FIGURE 18) or (1) channel connector (bed base Type B) (FIGURE 19). Hand tighten bolts/nuts (loosely) to allow adjustment of the headboard bracket channels.

f. Attach (1) headboard bracket flange to one of the bracket channels with (2) 1 inch long hex head bolts/nuts (FIGURES 20 and 21). Tighten bolts.

g. Repeat procedure to attach the other headboard bracket.

![FIGURE 20: Bed base Type A headboard bracket flange attachment.](image)
h. When installing a headboard, footboard or four-piece surround (case good), allow for 1.5 inches (38.1mm) to 2 inch (50.8mm) clearances at the head and foot of the bed and a minimum of ½ to ¾ inch on the sides (FIGURE 21).

i. Firmly tighten the 3 inch long carriage bolts of both headboard bracket channels.

j. Measure the distance (center-to-center) between the mounting holes in the headboard.

k. Measure the center-to-center distance between the mounting slots of the headboard bracket flanges (FIGURE 22).

l. If bracket flange adjustment is required to accept the headboard, remove the 1 inch long hex head bolts and move flanges side-to-side for the adjustment (FIGURE 22). Reinstall bolts. Tighten all headboard mounting bolts.

m. Install headboard.

13. Install mattress on the bed base frame.

Typical PowerBASE™ installation is now complete. If bed is equipped with programmable settings or options, refer to the Hand Control Guide for programming information.
**TURNBUCKLE ADJUSTMENT**

If the foot end of the bed base becomes unlevel (**FIGURE 1**), adjust by following the numbered instructions below.

**STEP 1**
On one side of bed base, loosen jam nut on board end of turnbuckle assembly using a ½” wrench (**FIGURE 2**). *Threads are right-hand threads*. Repeat on other side of bed base.

**STEP 2**
On one side of bed base, loosen jam nut on carriage end of turnbuckle assembly with ½” wrench (**FIGURE 3**). *Threads are left-hand threads*. Repeat on other side of bed base.

**STEP 3**
After loosening both jam nuts, grasp and rotate the body of the turnbuckle on one side of the bed base (**FIGURE 4**). The foot of the bed base will rise and flatten out. Repeat on other side until bed base is completely level.

**STEP 4**
After adjustments have been made, check the levelness of the bed base using a straight-edge instrument (**FIGURE 5**).

**STEP 5**
When level, tighten all jam nuts in assembly with ½” wrench (**FIGURE 6**). *Hold the body of the turnbuckle assembly while tightening to ensure base remains level. Jam nuts need to be tight enough to prevent movement in turnbuckle.*

Turnbuckle adjustment is complete.
## TROUBLESHOOTING

In the event the PowerBASE™ adjustable bed fails to operate, investigate the symptoms and possible solutions provided in the chart below:

<table>
<thead>
<tr>
<th>SYMPTOM</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand control illuminates and appears to be operable, but will not activate bed.</td>
<td>• Verify power cord is plugged into a working, grounded electrical outlet. <em>A grounded, electrical surge protection device is recommended.</em> Test outlet by plugging in another working appliance.</td>
</tr>
<tr>
<td>No features of the PowerBASE™ will activate.</td>
<td>• Program the hand control (see Hand Control Guide, included with this product, for programming procedures). If equipped with power down box, make certain power down box is easily accessible. Relocate power down box if required.</td>
</tr>
<tr>
<td></td>
<td>• Unplug power cord, wait 30 seconds and plug in to reset electronic components.</td>
</tr>
<tr>
<td></td>
<td>• Electrical circuit breaker may be tripped. Check electrical service breaker box to verify.</td>
</tr>
<tr>
<td></td>
<td>• Defective surge protection device or electrical outlet. Test outlet by plugging in another working appliance.</td>
</tr>
<tr>
<td>Hand control will not illuminate.</td>
<td>• Replace batteries in the hand control.</td>
</tr>
<tr>
<td>Head or foot section will elevate, but will not return to the horizontal (flat) position.</td>
<td>• Bed mechanism may be obstructed. Elevate bed and check for obstruction. Remove obstruction.</td>
</tr>
<tr>
<td></td>
<td>• Head section may be too close to the wall.</td>
</tr>
<tr>
<td></td>
<td>• Headboard may be too close the edge of the mattress. Verify a 1.5” (38.1mm) to 2” (50.8mm) distance between headboard brackets and mattress. Adjust if required.</td>
</tr>
<tr>
<td>Excessive massage motor noise.</td>
<td>• Verify headboard brackets were removed during installation. Remove headboard brackets if still attached to the underneath side of bed.</td>
</tr>
<tr>
<td></td>
<td>• If bed is located on hard surface flooring, place carpet pieces or rubber caster cups under each leg or caster of the bed. (See accessory sheet, included with this product, for rubber caster cup order information.)</td>
</tr>
<tr>
<td></td>
<td>• Elevate the head or foot section a short distance (with the hand control) to realign the lift/lower mechanisms with the bed support platform.</td>
</tr>
<tr>
<td></td>
<td>• Verify that bed is not positioned against a wall, nightstand, or other object that may cause vibration or noise.</td>
</tr>
<tr>
<td></td>
<td>• If PowerBASE™ is installed over a bed frame, verify massage motors are not causing bed frame (or bed frame components) to vibrate.</td>
</tr>
<tr>
<td></td>
<td>• Verify that headboard attachment hardware is tightened firmly (if used).</td>
</tr>
</tbody>
</table>
Contact customer care toll free at 800-888-3078.
For customer care online, email:
accustomerservice@leggett.com