

Fig. 2.2 unfold the backrest levers

**Important Note**  
 If your bed is to be equipped with the optional Hilo system, now open the carton with the Hilo system and follow the installation instructions provided with the Hilo System.

Lower and release the bed frame and identify the pairs of holes in the rectangular cross bar at the head end, one pair on each side of the bed.

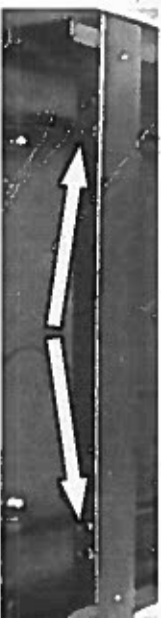


Fig. 2.3 Identify 2 pairs of holes in the cross bar of the bed frame, one pair on each side

Swing the two levers back with the opening of the U-shaped bracket facing towards the rectangular cross bar.

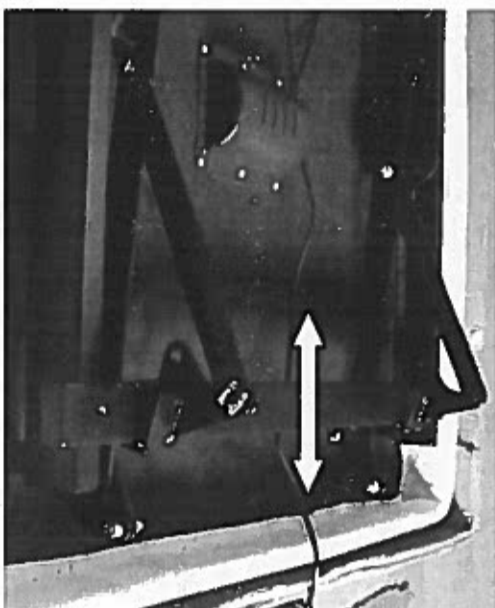


Fig. 2.4 swing back levers and position U-shaped brackets on the rectangular cross bar.

In order to fit the U-shaped bracket onto the rectangular crossbar, you may need to move the cross bar left or right as indicated in Fig. 2.4.

Once the U-shaped bracket has been fitted correctly onto the rectangular cross bar (Fig. 2.5.A), align the holes in the cross bar with the holes provided with the U-shaped brackets (Fig. 2.5.B).

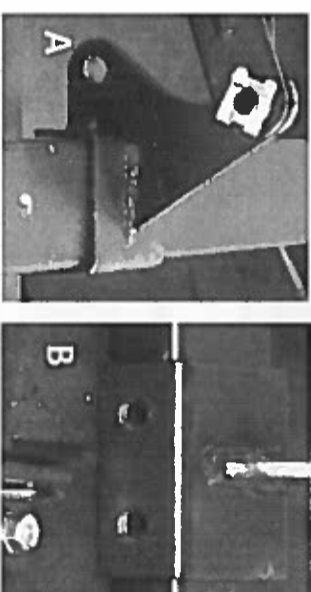


Fig. 2.5 positioning of U-shaped bracket.

To secure the two brackets in place, push the four bolts with spring driven secure ball from the head end of the bed all the way through the U-shaped bracket and the rectangular crossbar.

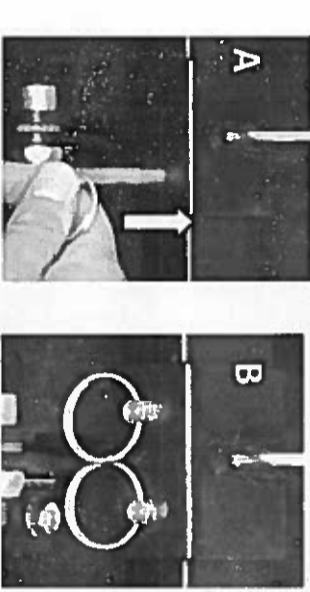


Fig. 2.6 insertion of self locking bolts

For all four bolts securing the U-shaped bracket, make sure the small spring driven ball at the tip of the bolt has been pushed through completely and is fully in the open as shown in Fig. 2.7.



Fig. 2.7 spring driven secure ball after correct insertion of the bolt

### 3. LEG ASSEMBLY

For the installation of the legs, first identify the four threaded holes, one each per corner of the bed frame. Open the carton with the four detachable legs and screw the legs into the four threaded holes, one in each corner of the bed frame, and tighten the legs. See Fig. 3.1 and 3.2 for details.

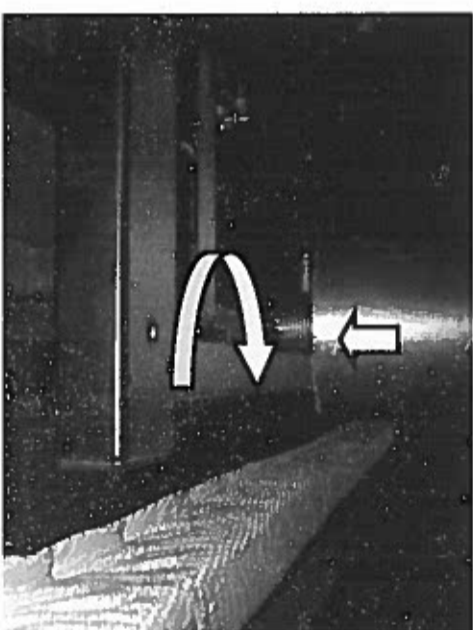


Fig. 3.1 position the leg over the threaded hole in the frame and screw in by turning clockwise

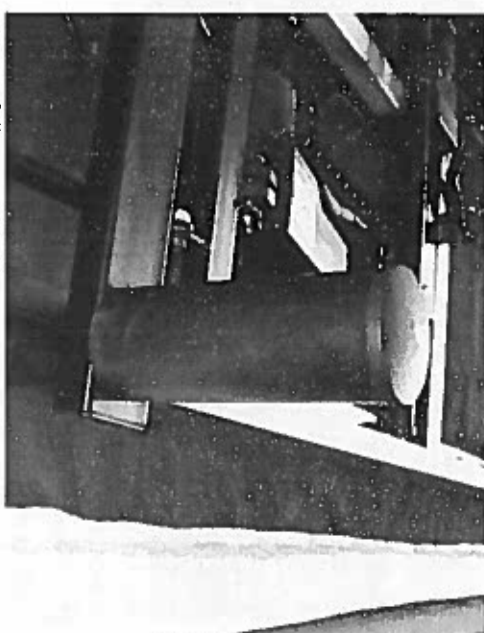


Fig. 3.2 fully assembled leg

After all four legs are inserted, the bed is ready to be turned around to stand on the legs.

**Note:** For the TWIN size bed, it is recommended that the turning of the bed be handled by 2 persons due to the weight of the bed. For larger bed sizes, this is mandatory!

To turn the bed, stand at the long side of the bed, grab under the carton and lift it up until the bed is in a vertical position. Keep the bed in this position, walk around it to the other side and lower the bed smoothly until it stands on its legs.

Move the bed into its final position and make sure, the power cable is not squeezed under one of the legs.

### 4. MATTRESS RETAINER ASSEMBLY

To complete the set up of the bed, the chromium mattress retainer bar (two bars for beds wider than TWIN size) must be installed.

Take the retainer bar and push it into the holder at the foot end of the bed as shown in Fig. 4.1 and 4.2.

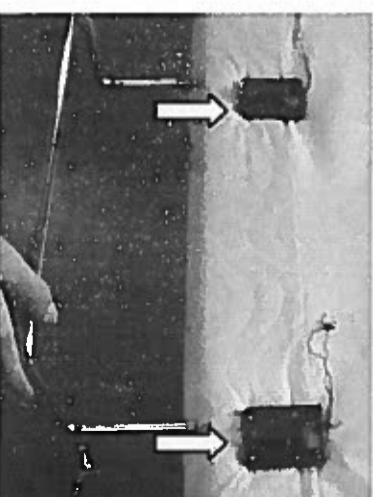


Fig. 4.1 positioning of a retainer bar in front of the holders

**ReclinerPlus**  
Adjustable Foundation  
**Installation & Set-Up**

All pictures in this manual are taken of a bed in TWIN size. Unless otherwise noted, these procedures are the same for larger sized beds.

After opening the carton, you find the bed in a bottom up position as shown in Fig. 0.1. Do not take the bed out of the carton at this point of time to protect the fabric during the set up procedure.

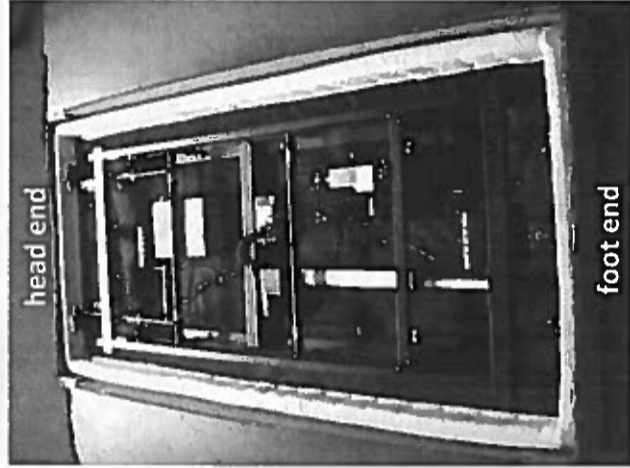


Fig.0.1 Bed packed for transportation.

**1. CHECK CONTENT**

At the head end of the bed, accessories are stored for transportation, some of which are strapped to the steel frame of the bed with cable ties.

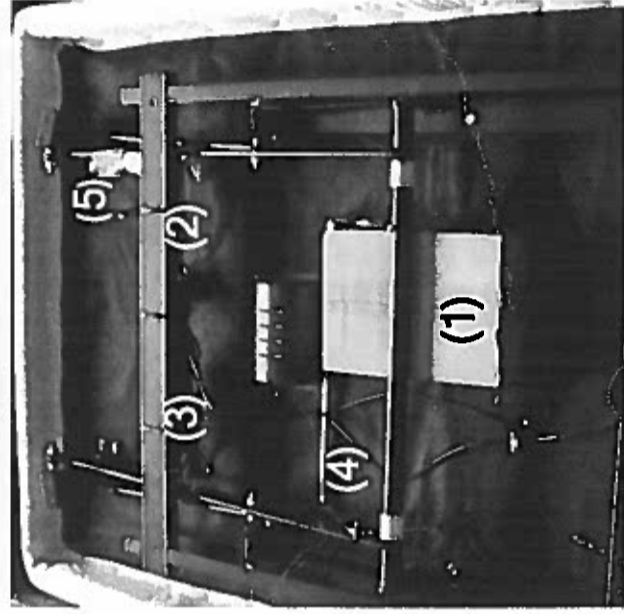


Fig.1.1 Accessories packed at the head end of the bed.

The carton contains the pre-assembled bed, a small carton with four detachable legs (1), the remote control (2), the power supply (3), the chromium plated mattress retainer bar (4), a small plastic bag with 4 self locking bolts (5), the user manual (not shown in Fig. 1.1) and this installation instruction.

Open the carton with the detachable legs (1) to see if four legs are included, each separately packed in a plastic bag. Put the carton with the legs aside for later assembly.

Cut the cable ties used to strap the power supply (3), the remote control (2), the mattress retainer bar (4) and the small plastic bag (5). Be careful not to cut into the electrical cables!

Put the remote control, the bolts in the small plastic bag and the retainer bar aside for later assembly. The power supply is already wired to the bed so it cannot be put aside completely. Place the power supply and the excess cable just outside the carton on the ground at the head end of the bed.

**2. BACKREST ASSEMBLY**

For transportation reasons, the backrest is partially disassembled. Please follow the steps below to complete this portion of the bed.

In order to assemble the backrest, please identify the two levers on each side of the head end of the bed loosely connected to U-shaped bracket.

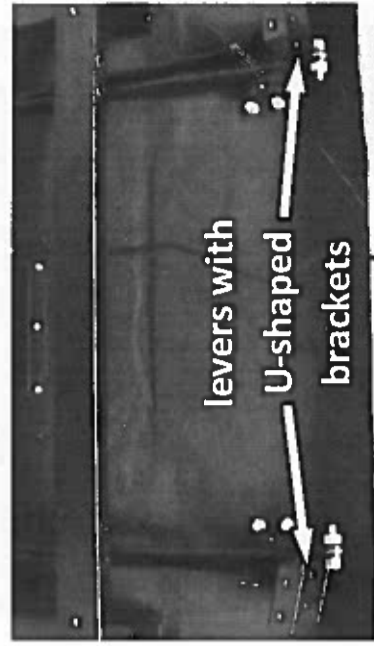


Fig.2.1 Backrest levers at the head end of the bed.

These two levers need to be folded up. In order to do this, grab the cross bar of the frame at the head end (Fig 2.2 A) and lift the frame up completely (Fig 2.2 B). Now pull the frame of the bed towards the head end of the bed until it comes to a stop (Fig 2.2 C). In this position, swing the two levers with the U-shaped brackets up, pass them underneath the frame and rest them on the opposite side (Fig 2.2 D +E).

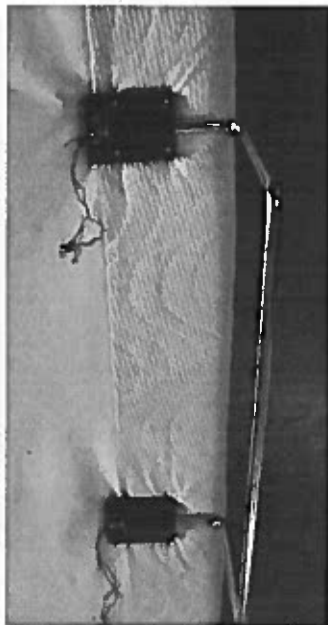


Fig.4.2 retainer bar inserted into the holders. In order to secure the retainer bar in this position, push the safety clip strapped to each of the holders onto the notch at each end of the retainer bar.

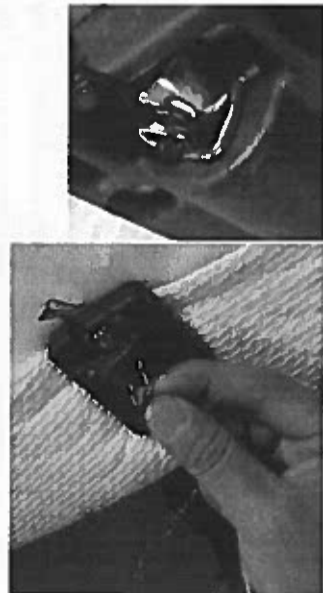


Fig.4.3 secure retainer bar with safety clips

The assembly of the bed is now completed.

Connect the power supply of the bed to a wall outlet but do not operate the bed unless you have completely read the User Manual provided with the bed!

## 2. SAFETY NOTES (CONT'D)

- 2.11. The duty cycle for the motors is 2 Min. ON / 18 Min. OFF. In the event that the motors are operated excessively, they will automatically shut off. They should restart again normally after 20 minutes. This is a safety mechanism that is built into the motors.

- 2.12. Sitting on the head of the bed or on the foot of the bed and elevating either section will damage the bed and void the warranty.

- 2.13. Fastening any item to this bed, that was not provided by the manufacturer, may damage the bed and void the warranty.


- 2.14. The motors, control box and Hand Control (except to replace batteries) are not to be opened or serviced except by those authorized by the manufacturer.


- 2.15. Be careful that the power cord is not left in a place where the mechanism or any other factor can cause it to be damaged.

## 3. OPERATION


All motorized functions of the bed are controlled by the remote control. Batteries to operate the remote control are included and inserted into the remote control. However, to prevent unintended discharge during transportation, the batteries are protected with a thin, transparent plastic strip with a red mark on one end. For first time use, please open the battery compartment on the rear of the remote control and remove this strip by pulling it out.


### 3.1 Backrest Tilt.

 Press this button to lift up the backrest. Keep the button pressed and release when the desired tilt is achieved.

 Press this button to lower the backrest. Keep the button pressed and release when the desired tilt is achieved.


### 3.2 Footrest Tilt.


 Press this button to lift up the footrest. Keep the button pressed and release when the desired tilt is achieved.

 Press this button to lower the footrest. Keep the button pressed and release when the desired tilt is achieved.


### 3.3 Bed Lift (optional)


If the optional Hilo System is NOT installed on your bed, these buttons are without operation.

 Press this button to lift up the bed. Keep the button pressed and release when the desired height is achieved.


 Press this button to lower the bed. Keep the button pressed and release when the desired height is achieved.

### 3.4 Massage Function

 Press this button once to start the massage. Press again to increase the intensity of the massage in two steps.

 Press this button to reduce the intensity of the massage. To stop the massage, press multiple times until the massage comes to an end.

### 3.5 Flash Light

 To activate the built in flash light, press this button and keep pressed as long as the flash light is needed. Releasing the button will switch off the flash light.

## 4. EMERGENCY LOWERING

In case of a power outage, foot rest and back rest can be lowered to provide a flat platform for sleeping. The bed is equipped with a battery box to provide power to the motors in case of a power outage.

This battery box is located at the foot end and in the middle of the bed (underneath the foot rest) for easy access as shown in Figure 4.1.

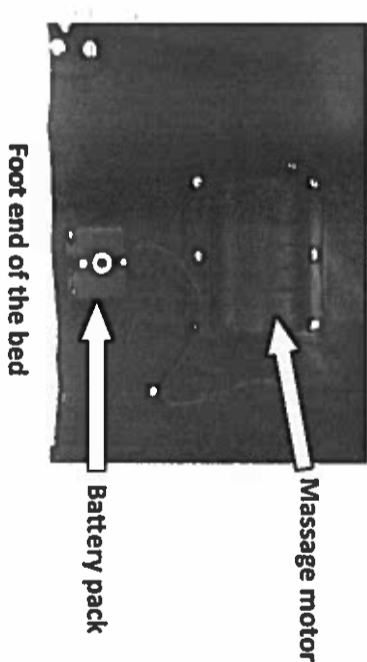


Fig. 4.1 position of the emergency battery pack

To operate the emergency lowering, grab underneath the foot rest and locate the battery pack with your hand. In the middle of the battery pack, you can feel an embossed button. Press this button and keep pressed until foot rest and back rest are lowered.



Fig. 4.2 press button to operate emergency lowering

Note: The emergency battery pack contains two 9V batteries. It is recommended to have these batteries replaced once a year and after each use of the emergency lowering function.

Note: The battery power provided for lowering bed components is weaker than the power available in normal operation. The lowering of bed components may therefore be slower than in normal operation.

Note: If your bed is equipped with the optional Hilo System, this will also be lowered when using the emergency lowering function.

## 5. TROUBLE SHOOTING

The bed does not operate at all.

Ensure the bed is connected to power and the green indicator light on the top of the power supply is on.

Ensure the batteries in the remote control are charged. If the batteries are discharged, they need to be replaced (see below).

A single function of the bed does not work.

Ensure all cable connections are firmly attached.

The remote control does not work

For a new remote control, ensure the protective plastic strip is removed from the battery compartment. For details see section 3 of this document.

Ensure the batteries in the remote control are charged. If the batteries are discharged, they need to be replaced.

To replace the batteries (three AAA-size batteries needed), open the battery compartment on the rear of the remote control, remove the old batteries and insert new batteries by maintaining the polarity orientation as indicated on the bottom of the battery compartment.

## 1. FOREWORD

Congratulations on your purchase of a Supernal Recliner Bed. This thoughtfully designed product is built on the foundation of over twenty years experience in design and manufacturing of specialty bedding. We have had the chance to create custom solutions for thousands of individuals. We have taken all of our experience, considered the most sought after features and designed the Supernal Sleep System.

We have strived to provide an elegant looking product, durably built with simplicity in mind.

The illuminated wireless hand control has large easy to understand buttons. A gentle or vibrant massage is a matter of a few simple clicks.

The Head Tilt feature gently lifts your pillow without arching your back. Further elevation of the head is compensated by the wall hugging design that always keeps your night stand within reach.

If you ordered your Supernal Recliner with our optional Hi-Low, then you will have gravity as a friend. The Supernal starts very low for easy access then elevates up to ten inches for easy exiting. This Hi-Low unit is completely hidden in the lowest setting.

The Supernal Sleep System provides tremendous freedom and independence with style and comfort.

We wish you many nights of pleasant rest and thanks again for making the Supernal Recliner Bed a part of your home.

## 2. SAFETY NOTES

This product complies with all relevant safety regulations.

- 2.1. Please read this documents carefully before using the bed for the first time. It contains important information on the use and safety of the bed.
- 2.2. The manufacturer does not accept liability if these instructions are not followed.
- 2.3. This base 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 base with tent type oxygen therapies or near the use of explosive gasses.
- 2.4. Please contact an authorized technician or your retail dealer in case a part or component of the bed, in particular an electrical component needs to be repaired or replaced. Do not attempt to repair electrical components yourself. Do not open any of the electrical components except for the battery replacement in the remote control provided.
- 2.5. Please keep all documents in a safe place for future reference.
- 2.6. The beds are rated to a particular weight capacity depending on the size. Exceeding this weight will damage the bed and void the warranty. The maximum loads (including the weight of the mattress) for the different sized beds are as follows:
  - TWIN size: 400 lbs.
  - FULL size: 500 lbs.
  - QUEEN size: 600 lbs
- 2.7. When setting up the bed please ensure that all electrical cables are routed such that they are free of moving parts and cannot get squeezed or otherwise damaged by moving parts when operating the bed. If cables or other electrical components are damaged, the bed must not be operated any more and shall be disconnected from line power.
- 2.8. Operating conditions:
  - 1) Ambient temperature 50~105 °F.
  - 2) Relative humidity of air: less than 95%, non-condensing
- 2.9. To avoid injury, children or pets should never be allowed to play near or under the base. Children should not operate this base without adult supervision. Keep any liquid away from all electrical components.
- 2.10. The massage motors will create ambient noise especially at the highest settings. In the event an individual has a pacemaker, a Doctor should be consulted with before using the massage motors. If the use of the massage causes dizziness or any other side effect, cease using it and seek medical advice.