

## Installation & Set-Up

disconnected during operation of the bed, they are secured with a plastic cap as shown in below.

### Important Note

Due to the weight of the equipment, at least two persons are required for the handling during this installation and setup procedure.

Lay shipping box flat on floor and open to access base. Cut all zip ties and loose components. Position back rest levers as shown in figure below.

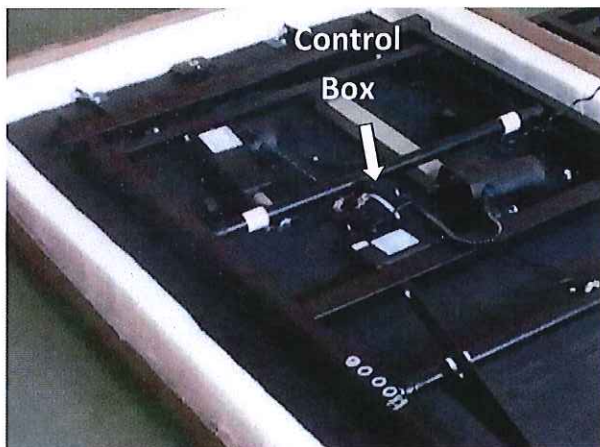


Backrest levers folded to the inside of the bed.

### 1. PREPARATION OF THE BED

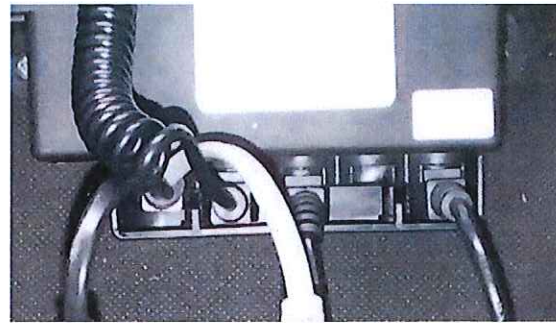
- REMOVE PLASTIC CAP FROM THE CONTROL BOX

Identify the control box in the center of the bed.



Position of control box in the bed.

All electrical components connect with plugs to this control box. In order to prevent the plugs from becoming



Control box with plastic cap

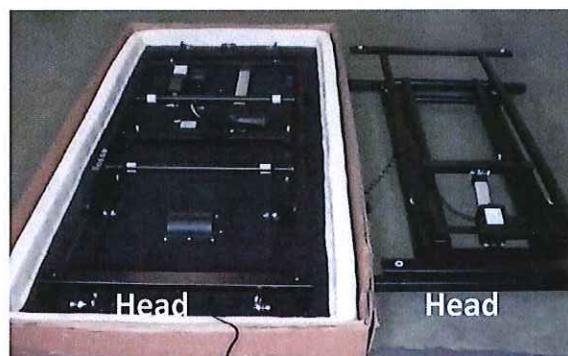
The plastic cap is secured with two screws. Loosen these two screws and take off the plastic cap.



Control box with plastic cap taken off

### 2. CONNECTION OF LIFTING MOTOR

Line up the Kalmia Perfect Height Bed system side by side with the bed. Make sure the head end of the Kalmia system is on the same side as the head end of the bed and the four corners with white plastic washers glued on are facing upwards.



Bed & Kalmia Perfect Height Bed system lined up side by side.

- CONNECT KALMIA PERFECT HEIGHT BED SYSTEM LIFTING MOTOR TO CONTROL BOX

Plug the connector of the lifting motor cable of the Kalmia Perfect Height Bed system into the free socket on the control box as shown. When plugging the connector into the socket, make sure it has the same orientation as the other plugs already connected to the control box.

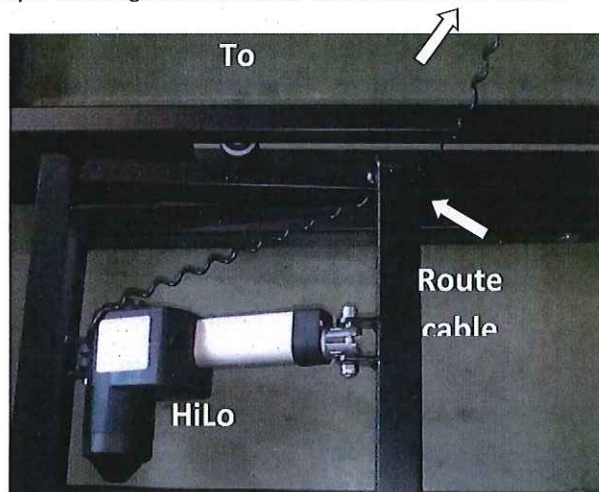


Free socket on control box

Empty socket on control box for connection of the Kalmia Perfect Height Bed system lifting motor.

The Kalmia Perfect Height Beds larger than TWIN size have two lifting motors. The base will arrive with the two motors tied together to one connection point. You will only need to install one cable from the HI/LOW base to the control panel on the bed.

Make sure the cable from the Kalmia Perfect Height Bed system lifting motor is routed underneath the cross bar.

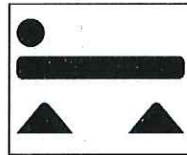


Correct cable routing.



Lifting motor plug connected to control box.

The remote is already synced with unit and batteries are installed. Remove plastic insert in the remote's battery compartment. To test the function of the Kalmia Perfect Height Bed system and to ease the further installation procedure, connect the power supply of the bed to line voltage and drive the Kalmia Perfect Height Bed system all the way up until it comes to an automatic stop using the "bed up" button on the handset provided with the bed.



"bed up" button

You have now reached a stage as shown below.



Electronic Connection lifting motor completed.

Reassemble the plastic cap to the control box to prevent the plugs from becoming disconnected during operation. Now lift the Kalmia Perfect Height System, flip it over and place it onto the frame of the bed by roughly lining up the four holes in the corners of each of the two frames.

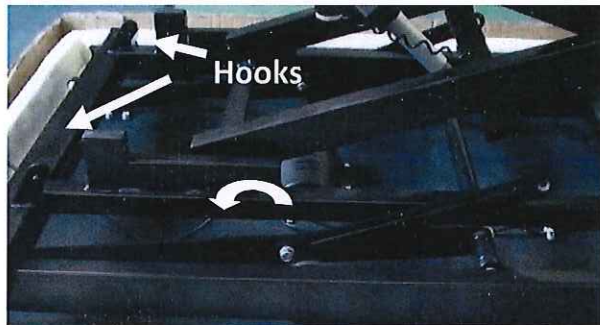


*Kalmia Perfect Height Bed system merged.*

Note: There are four bolts and washers provided with the Kalmia system in a separate plastic bag to firmly attach the bed to the Kalmia system. At this point of time, **do not attempt** to insert these bolts and tighten.

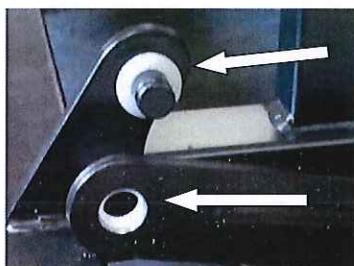
### 3. BACKREST ASSEMBLY

Identify the two hooks with bolt welded to the head end of the Kalmia frame and swing the two levers of the backrest lifting mechanism back towards the head end for assembly with these hooks as shown below.



*Preparation for backrest assembly*

Now take the plastic parts (washers and bushings) and the silver safety clip and assemble the backrest mechanism. Add two plastic washers to the bolt on the hook and insert the plastic bushing into the hole at the end of the lever from the inside.



**Two washers**

Line up the hole in the lever with the bolt on the hook and

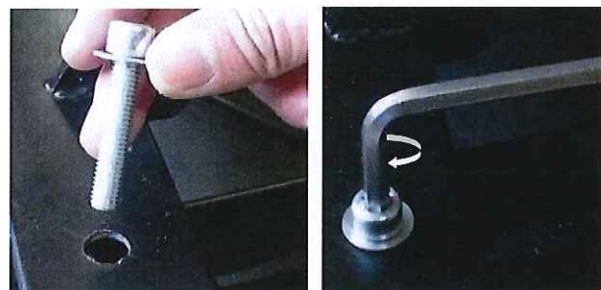
push the lever onto the bolt. Add one more plastic washer to the bolt and push on the silver safety clip to finalize the installation of the backrest.



*Secure assembly with safety clip*

### 4. SECURE BED AND KALMIA PERFECT HEIGHT SYSTEM

So far, the Kalmia Perfect Height Bed system is only lying loose on the bed frame as this made the assembly of the backrest mechanism easier. Now line up the four holes in the corners of the frame of the Kalmia system with the corresponding (threaded) holes in the frame of the bed. In each corner, insert a bolt with steel washer (supplied in a separate plastic bag) as shown below and tighten thoroughly.



*Bolt bed and Kalmia Perfect Height Bed system together*

### 5. FINISH INSTALLATION

The installation of the Kalmia Perfect Height Bed system is now complete and you can turn the entire assembly to put the Kalmia system on the floor as shown in the below sequence of pictures.

#### **Bushing**

First, lift the bed on one side and put it in an upright position.



In the upright position, the bed stands stable and you can switch sides to safely lower the bed on the other side. The set up and installation is now complete.

