

Fig.1.4 Control box with plastic cap

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

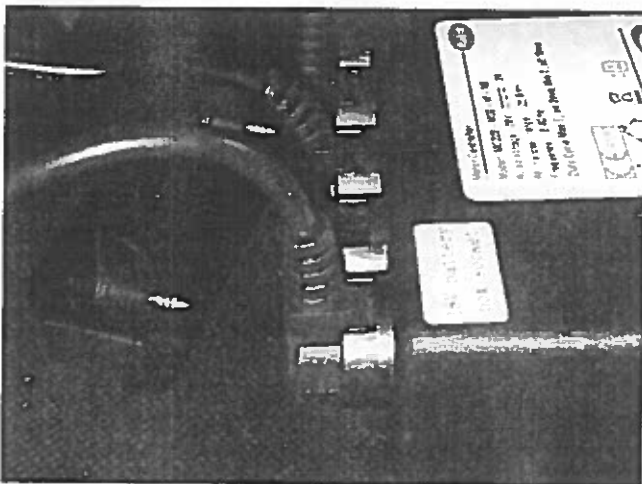
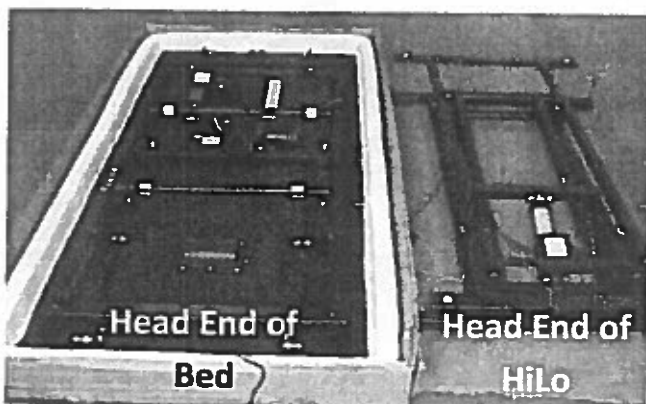


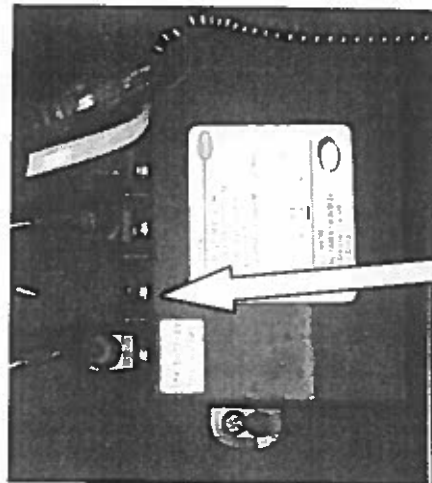
Fig.1.5 Control box with plastic cap taken off

## 2. CONNECTION OF LIFTING MOTOR

Line up the HiLo System side by side with the bed. Make sure the head end of the HiLo 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. The head end of the HiLo System is the end with the lifting motor(s) installed.



- **CONNECT HILO LIFTING MOTOR TO CONTROL BOX**  
Plug the connector of the lifting motor cable of the HiLo system into the free socket on the control box as shown in Fig. 2.2, 2.3 and 2.4. 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

Fig.2.2 empty socket on control box for connection of the HiLo lifting motor.

HiLo systems for beds larger than TWIN size have two lifting motors. The second motor, however, connects to the first (preinstalled), so also for two motor systems only one plug needs to be connected to the control box.

Make sure the cable from the HiLo lifting motor is routed underneath the cross bar in the HiLo system.

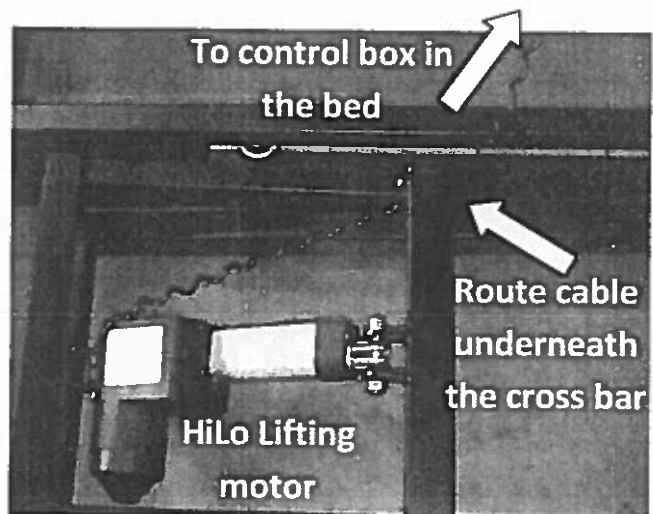
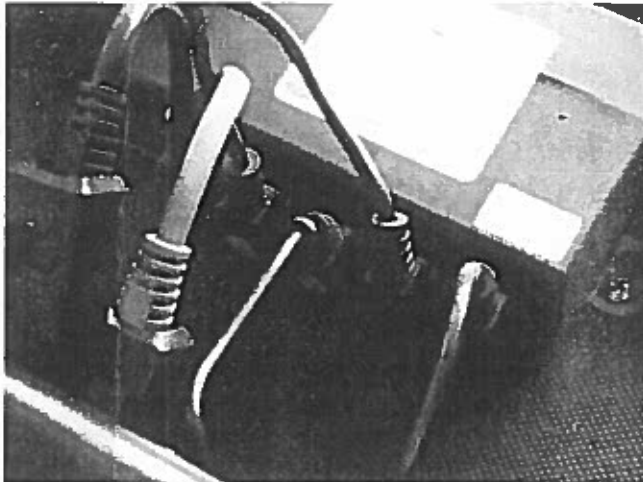
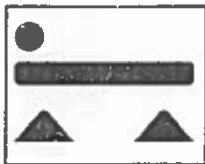


Fig.2.3 correct cable routing.



*Fig.2.4 HiLo lifting motor plug connected to control box.*

In order to test the function of the HiLo system and to ease the further installation procedure, connect the power supply of the bed to line voltage and drive the HiLo system all the way up until it comes to an automatic stop using the "bed up" button on the handset provided with the bed.



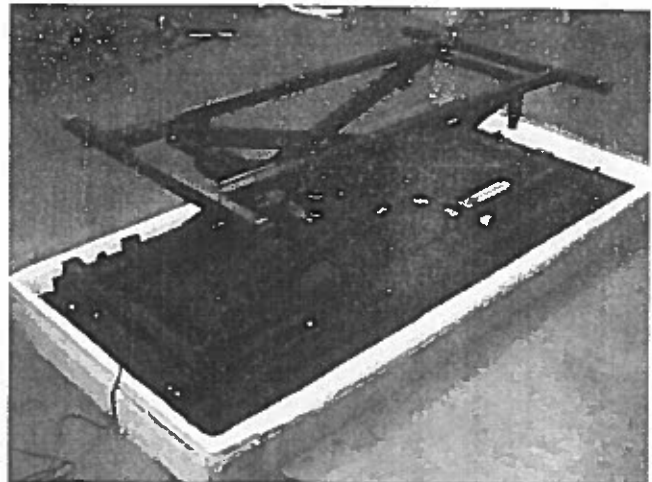
"bed up" button

You have now reached a stage as shown in Fig 2.5.



*Fig.2.5 Electr. connection of HiLo lifting motor completed.*

Reassemble the plastic cap to the control box to prevent the plugs from falling off the sockets during operation. Now lift the HiLo 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.

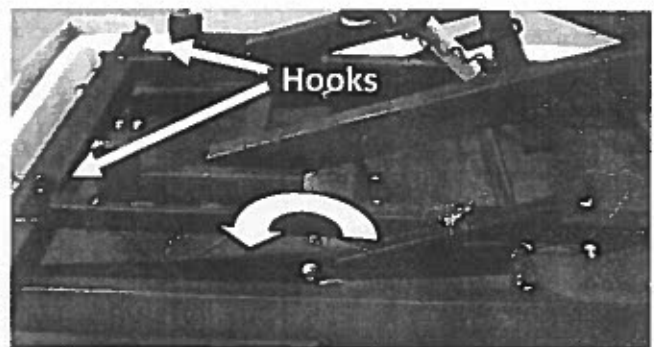


*Fig.2.6 Bed and HiLo System merged.*

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

### 3. BACKREST ASSEMBLY

Identify the two hooks with bolt welded to the head end of the HiLo frame and swing the two levers of the backrest lifting mechanism back towards the head end for assembly with these hooks as shown in Fig. 3.1.



*Fig.3.1 Preparation for backrest assembly*

Now take the plastic parts (washers and bushings) and the silver safety clip collected when disassembling the U-shape bracket (see 1. above) and assemble the backrest mechanism as shown in Fig. 3.2. 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.

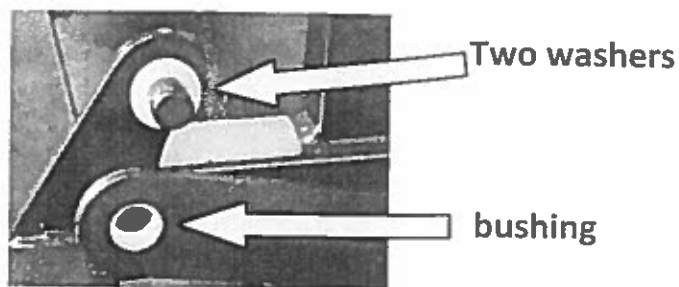


Fig.3.2

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.

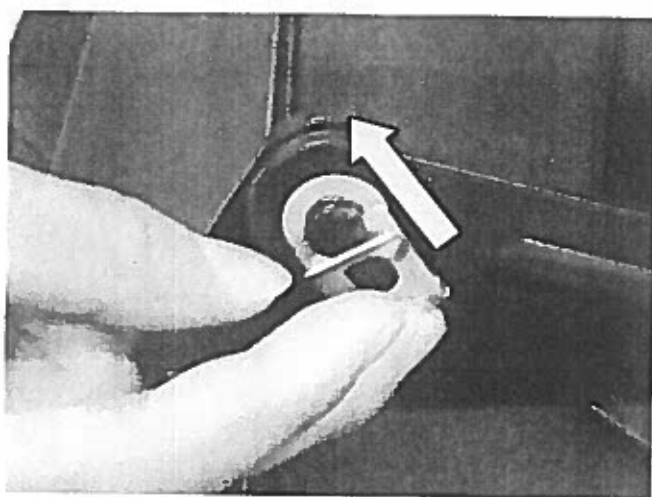


Fig.3.3 secure assembly with safety clip

#### 4. SECURE BED AND HILO SYSTEM

So far, the HiLo 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 HiLo 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 in Fig. 4.1 and tighten thoroughly.

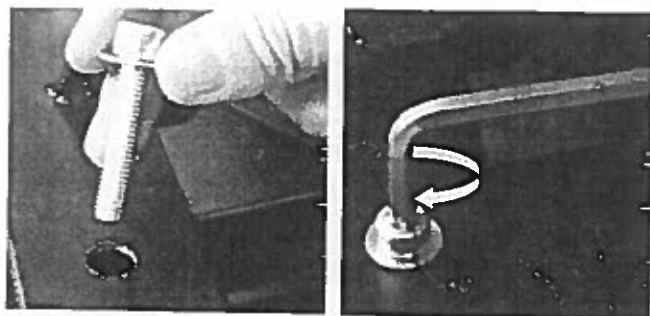
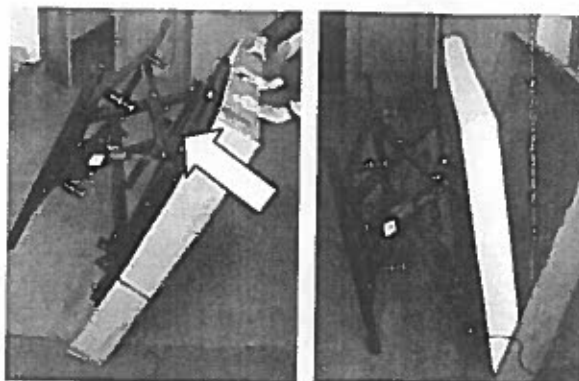


Fig.4.1 bolt bed and HiLo system together

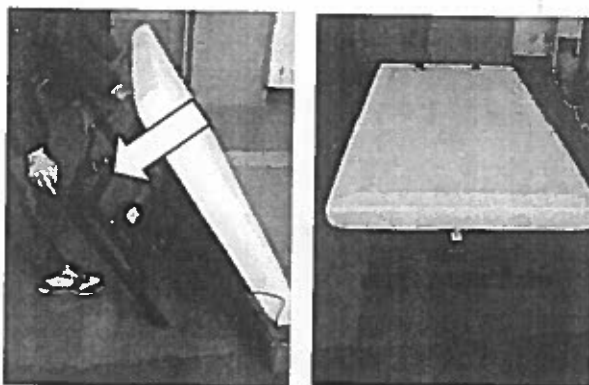
#### 5. FINISH INSTALLATION

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

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.



To finalize the installation of the bed, please continue with section 4. of the installation & set up instructions provided with the bed.

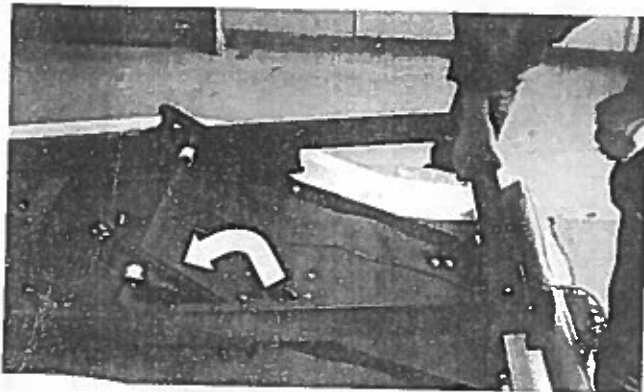
**Important Note**

Before installing the HiLo System, please follow the installation & set-up instructions for the bed to the point where you are directed to this document.

**Important Note**

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

Following the instructions for installation & set-up of the bed, you have reached a state with the backrest levers folded to the inside of the bed as shown in Fig. 0.1

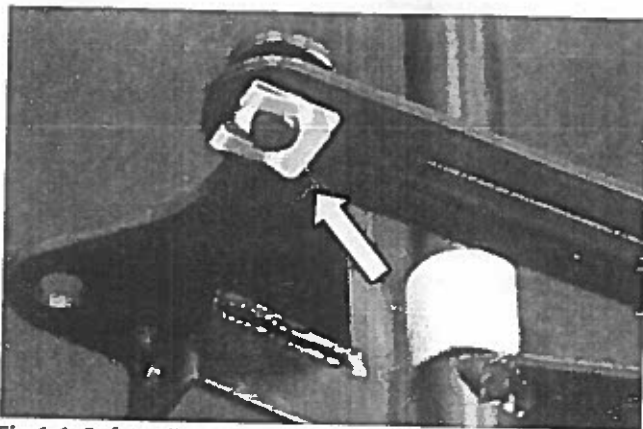


*Fig.0.1 Backrest levers folded to the inside of the bed*

**1. PREPARATION OF THE BED**

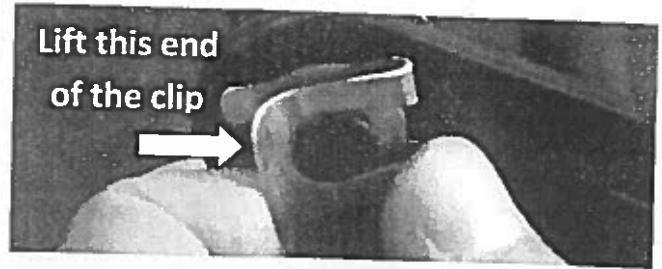
• **REMOVE U-SHAPED BRACKETS**

For installation with the HiLo System, the U-shaped brackets at the lose end of the backrest levers need to be taken off. First, identify the silver safety clip on the joint connecting the U-shaped bracket with the backrest lever.



*Fig.1.1 Safety clip*

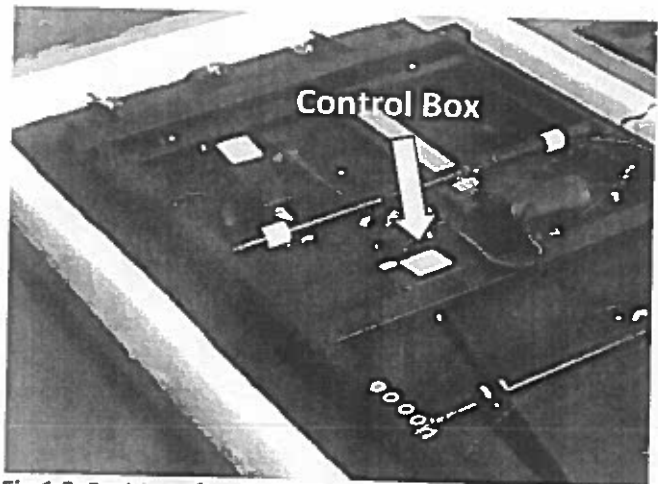
Slightly lift the end of the safety clip and push it off the bolt as shown in Fig. 1.2.



*Fig.1.2 Removal of safety clip*

Take off the U-shaped bracket and collect the plastic parts (1 bushing and 3 washers on each side) and the two safety clips for later reassembly with the HiLo system. The U-shaped brackets will not be needed for assembly with the HiLo system, but we recommend you store them in case you want to install the bed at a later time without the HiLo System.

- **REMOVE PLASTIC CAP FROM THE CONTROL BOX**  
Identify the control box in the center of the bed.



*Fig.1.3 Position of control box in the bed.*

All electrical components connect with plugs to this control box. In order to prevent the plugs from falling off during operation of the bed, they are secured with a plastic cap as shown in Fig. 1.4.