

Limited Warranty

The warranty below has been drafted to comply with Federal Law applicable to products manufactured after July 4, 1975. This warranty is extended only to the original purchaser/consumer (or dealer non-consumer who does not buy for resale).

Tuffcare® warrants that its proprietary Institutional Beds will be free from defective workmanship and materials for a period of three (3) years following the date of original manufacture with the following exceptions: All welds are warranted for the life of the bed. Electronics on the beds are warranted for one (1) year. The warranty period commences on the original manufacture date. If within such warranty period any such product proven to Tuffcare® satisfaction to be defective, such product will be repaired or replaced at Tuffcare® option.

Tuffcare® sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement. This warranty does not include any labor charges incurred in replacement parts installation. Freight charges to the factory are at the expense of the consumer or seller. Return freight charges will be prepaid by Tuffcare®. For warranty service, please contact the authorized dealer from whom you purchased your Tuffcare® products. In the event that you do not receive satisfactory warranty service, please write directly to Tuffcare®: PO Box 17848, Anaheim, California 92817-7848. DO NOT RETURN PRODUCTS WITHOUT PRIOR AUTHORIZATION.

LIMITATIONS AND EXCLUSIONS: The foregoing warranty shall not apply to products subjected to negligence, abuse, misuse, improper operation, improper maintenance, improper storage or damages beyond Tuffcare® control. The evaluation will be solely determined by Tuffcare®. The warranty shall not apply to problems arising from normal wear, or failure to follow instructions, or if parts are not manufactured by Tuffcare®, or do not comply with original equipment specifications that are added to Tuffcare® product.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND SHALL NOT EXTEND BEYOND THE DURATION OF THE EXPRESS WARRANTY PROVIDED HEREIN. TUFFCARE® SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

This warranty gives you specific rights and you may also have other legal rights which vary from state to state. Some states do not allow the exclusion or limitations of incidental or consequential damage, or limitation on how long an implied warranty lasts, therefore, the above exclusion and limitation may not apply to you.

Operation Manual



FULL-ELECTRIC HOMECARE BED T4020

Tuffcare®
HIGHER STANDARD FOR HEALTH CARE™

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Preventative Maintenance

1. Lubricate all motor screws every 90 to 100 hours or every 2 1/2 months.
2. Check and tighten all nuts and bolts if necessary.
3. Inspect all cords for wear and cuts and replace if necessary.
4. Check electrical motor and pendant connectors to make sure they are tight fitting and not damaged.
5. On the bed shafts, inspect the shaft to make sure locking pin is connected and shaft ends are not worn or bent.
6. Before delivery, activate each function, Hi-Lo, head section, and foot section to assure that they are operating properly. Return all functions to their lowest position.

Operating Instructions

1. Make sure the bed power cord is plugged into a grounded 110 Volt AC outlet.
 - *Operating this device with any part of the body in the frame can result in injury. Do not place arm or head into the frame while operating. Stand clear of device frame before operating.*
 - *Rotating Parts. Keep fingers and arms away when mechanism is moving.*
 - *Pinch Point. Keep fingers and arms away when bed is in movement.*
 - *Electric Powered Mechanism. Electrical hazard may occur if device is plugged into an inadequate electrical outlet. To avoid electrical shock hazard, make sure the bed is plugged into a grounded 110 Volt outlet.*
2. Before operating, make sure casters are in their proper operating position. Hand Controller Functions, press button indicated to move bed.
3. To install and raise/lower optional side rails: Slide rails into brackets using pin lock adjustment.
4. The bed is operated by standard 6 function pendant as follow.



* To raise or lower head section:

- To raise head section, press head up button.
- To lower head section, press head down button.

* To raise or lower foot section:

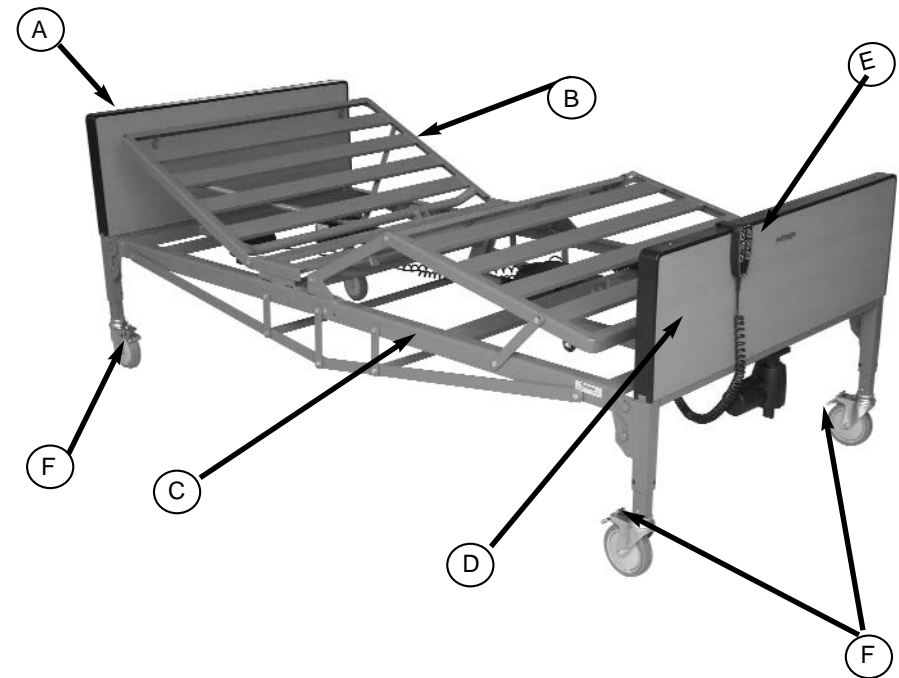
- To raise foot section, press foot up button.
- To lower foot section, press foot down button.

* To raise or lower bed section:

- To raise bed section, press bed height up button.
- To lower bed section, press bed height down button.

Forward

Congratulations on your purchase of a Tuffcare® homcare bed! Our homcare bed is engineered and designed with durability & easy maintenance in mind. Read through this manual and get acquainted with your homcare bed. Follow the maintenance schedule to ensure proper function of your bed.



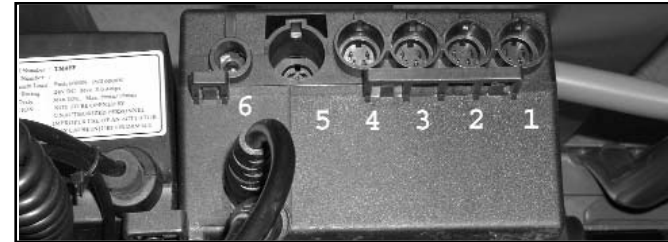
- A. HEAD BOARD
- B. HEAD FRAME
- C. FOOT FRAME

- D. FOOT BOARD
- E. PENDANT CONTROL
- F. CASTER BRAKE LEVER

Safety Precautions

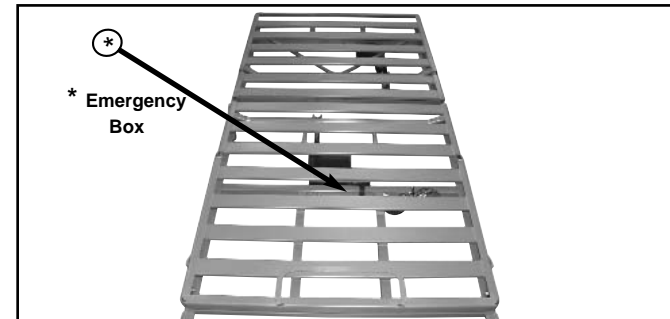
- Keep fingers and arms away when mechanism is moving. Rotating Parts.
- Pinch Point. Keep fingers and arms away when bed is in movement.
- Do not operate your homecare bed until you have read and fully understand this manual.
- Do not operate your homecare bed until the institutional bed is fully assembled and checked.
- Do not expose your homecare bed to weather or moisture.
- Do not leave loose clothing or self in between moving parts.
- Do not expose electrical components to any highly flammable items.
- Do not use your homecare bed with an improper mattress.
- Do not use if the power cord is cut, frayed or loosely connected to the device.
- Electrical hazard may occur if device is plugged into an inadequate electrical outlet. Make sure the bed is plugged into a grounded 110 volt outlet, to avoid electrical shock hazard.

8. Connect all of electric plugs into the main control unit (junction box) as shown in the following figure.



- | | |
|-----------------------------|-----------------------------|
| 1. Head Board Motor | 2. Foot Board Motor |
| 3. Head Frame Section Motor | 4. Foot Frame Section Motor |
| 5. Pendant Controller | 6. Emergency Box |

9. For motorized bed, T4020, a spare battery back up pack is outfitted in case of power failure. It is located near the main control unit (junction box) on the foot frame. The power pack is designed to raise and lower the bed up to 16 times for emergencies use only.

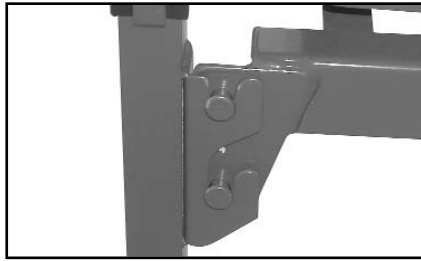
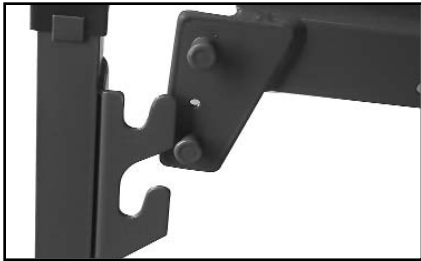


10. The battery pack uses three household 9 volt batteries(**not supplied**). It is important to keep the battery pack vacant until the bed is needed. Pre-installing the batteries into the pack will only drain the batteries and corrode the contact points.

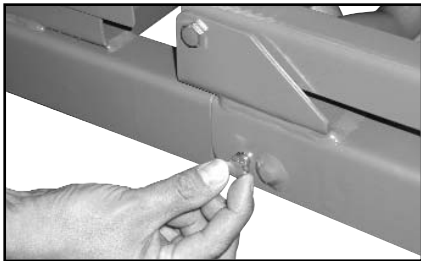


Main Components

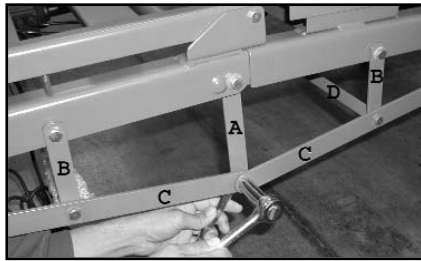
6. With the two frames connected and main section of the frames facing up, slide the head board and the foot board onto the frame corner plate rivets.



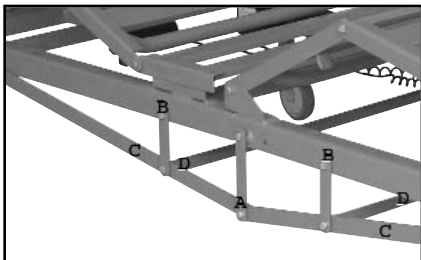
7. To assemble re-inforce bar on both sides of main frame, see the following figures.



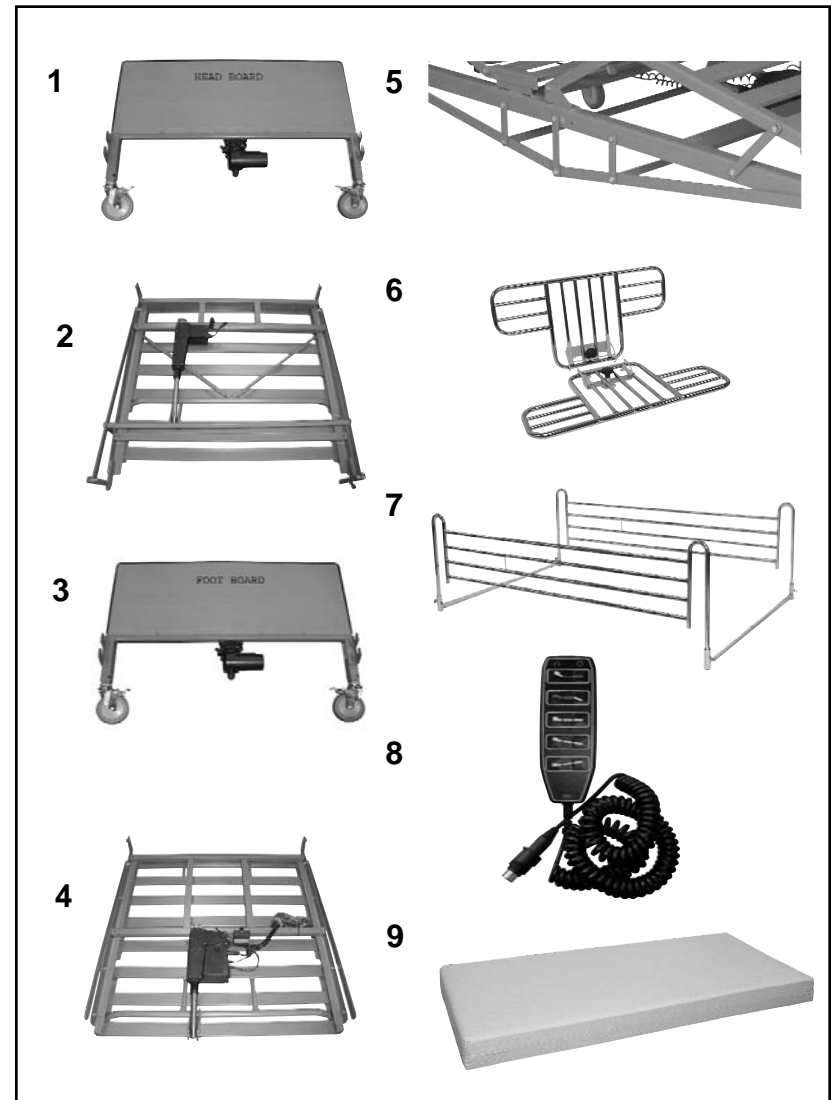
Remove the hex bolts in middle of the frame on both sides.



Assemble the support bar A (longer one) in the middle, inside of the frame, and the 2 supporting bars B, outside of the frame. Then connect the supporting bar C with bar A & B. Repeat on other side.



Connect the crossing bar D to supporting bar at connection point of B / C. Repeat on other side then resecure all of the hex bolts.



STANDARD COMPONENTS:

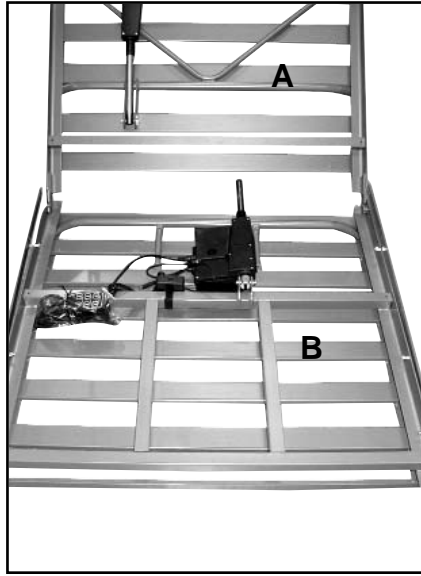
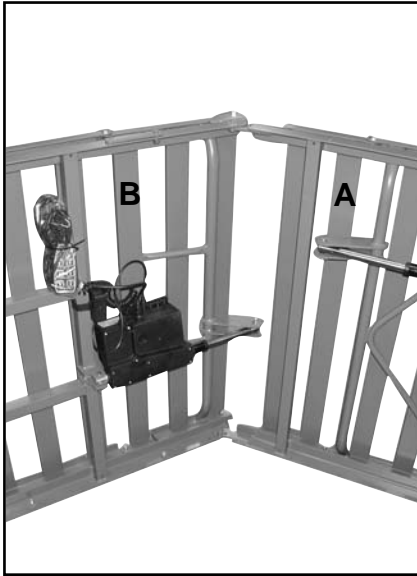
1. Head board
2. Head frame
3. Foot board
4. Foot frame
5. Re-inforce bar

OPTIONAL COMPONENTS:

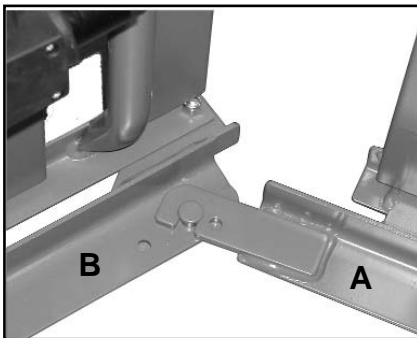
6. Half rail (T100)
7. Full rail (T200W)
8. 10 function trendelenburg pendant (TP40)
9. High quality dense foam mattress (T514F)

Assembly Instruction

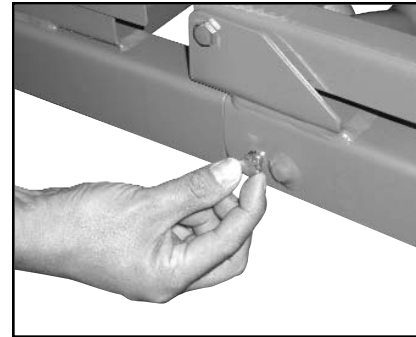
1. First assemble the foot & head frame. It can be assembled with the foot section (B) upside down, flat on the floor with the metal rods facing the floor, or with the foot section on its side, whichever is easier. Motor or cranks should be on the left side.



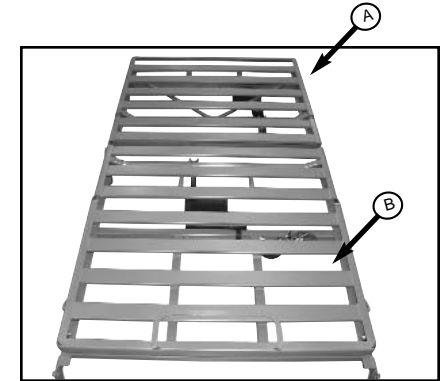
2. Temporarily remove the 2 hex bolts and nuts located in the middle joint of the head frame. Pick up the head frame (A) and at a 75% angle fit the frame hooks onto the two shoulder rivets on the side rail of the foot frame. Rotate the head frame until it is lined up with the foot frame. Lock the hooks securely onto the shoulder rivets.



3. Then rotate the bed to have the top setting facing up. Line up the two holes on both ends of the frame, and resecure the hex bolts in middle of frame on both sides.



4. Connect both the head and foot motor drive shafts to the lifting arms. Start with the drive shafts on head frame A, and work your way to the one on foot frame B.



5. Pull to release the cotter pin from the clevis holding pin. Align the drive shaft hole with the oval holes on the lifting plate. Resecure the holding pin on both sides of the left plate. Then reattach the cotter pin to lock.

