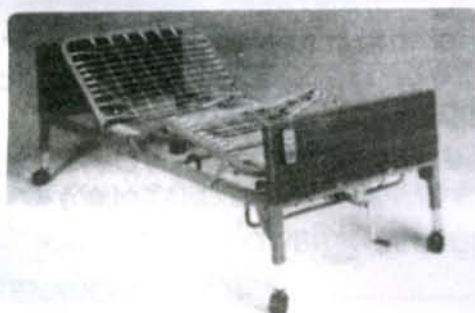


# ELECTRIC AND MANUAL BEDS

## OWNER'S ASSEMBLY AND OPERATING MANUAL

Full-Electric Bed



Semi-Electric Bed  
Single & Two Crank - Hi/Lo

Manual Bed  
Single Crank



# SPECIAL NOTES

**WARNINGS/CAUTION** notices used in this manual apply to hazards or unsafe practices which could result in personal injury and/or property damage.

## NOTICE

The information contained in this document is subject to change without notice.

Check all parts for shipping damage and test before using. In case of damage, do NOT use. Contact the Dealer for further instruction.

## WARNING

Your Manual/Electric bed has been totally engineered to provide you with reliable operation and the strength you deserve. The bed has been thoroughly tested and inspected prior to shipment. The utmost in comfort and safety has been provided for you. The bed is for HOME use only. It is NOT for hospital use and was not designed to meet hospital standards.

DO NOT use near explosive gases. Possible fire hazard when used with oxygen administering equipment other than nasal or masked type.

When using nasal or masked type administering equipment, oxygen or air tubing MUST be routed and secured properly to ensure that tubing does NOT become entangled and eventually severed during normal operation of Manual/Electric bed.

## WARNING

When using liquids in or around the bed, caution should be taken to ensure that liquids of any kind are not spilled. If a liquid is spilled in or around the bed, UNPLUG the bed immediately. Clean up spill and allow bed or area around bed to dry thoroughly before using the electric controls again.

Close supervision is necessary when this product is used by or near CHILDREN OR PHYSICALLY CHALLENGED INDIVIDUALS.

This product should NEVER be left unattended when plugged in.

NEVER PERMIT ANYONE UNDER THE BED AT ANY TIME.

When operating/moving Manual/Electric Beds, ALWAYS ensure that the individual utilizing the bed is positioned properly within the confines of the bed. DO NOT let any extremities protrude over the side or between the bed rails when performing these functions.

## WARNING

DO NOT OPERATE THIS EQUIPMENT WITHOUT FIRST READING AND UNDERSTANDING THE WARNINGS, CAUTIONS AND INSTRUCTIONS IN THIS MANUAL. IF YOU ARE UNABLE TO UNDERSTAND THE WARNINGS, CAUTIONS, AND INSTRUCTIONS, CONTACT A HEALTHCARE PROFESSIONAL, DEALER OR TECHNICAL PERSONNEL IF APPLICABLE BEFORE ATTEMPTING TO USE THIS EQUIPMENT - OTHERWISE INJURY OR DAMAGE MAY RESULT.

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# SAFETY SUMMARY

## OPERATING INFORMATION

### WARNING

After bed has been assembled, always test to make sure that all sections of the bed are properly and securely in place before using.

Make sure head and foot springs are securely locked to the head and foot boards before use.

Pendant cord **MUST** be routed and secured properly to ensure that cord does **NOT** become entangled and severed during operation of semi Electric or Electric bed.

Keep All moving parts free of obstruction (i.e. blankets/sheets, heating blankets/pads, tubing, wiring, etc. and other types of products using electric cords which may get tangled around the bed, side rails or legs) during operation of Electric beds:

- Main frame and mattress deck (head/foot springs)
- All drive shafts

Manual/Electric beds are equipped with wheel locks. **BE SURE** to apply them before attempting any transfer. Inspect for correct locking action before actual use. When leaving Manual/Electric bed, always engage wheel locks. Also be certain the wheel locks are activated to prevent the wheels from moving.

The side rails when used with a Manual/Electric bed **DO NOT** fall within any weight limitations. Side rails can be deformed or broken if excessive side pressure is exerted on the side rails. These side rails are for the purpose of preventing an individual from rolling/climbing out of bed.

If necessary, a physician or a health care professional should be consulted for alternative means of safe restraint. The side rails are **NOT** intended nor may be used for restraint purposes.

**DO NOT** use the side rails as push handles for moving the bed.

Trapeze units **MUST** be positioned on either side of the drive shaft(head/foot); as near as possible to the center point of the bed. The trapeze is to be used **ONLY** in **ASSISTING** the patient in repositioning or transferring in or out of bed.

Traction units **MUST** be securely fastened to head/foot ends of the bed. These units are to be used **ONLY** for immobilizing a patient in various traction setups or **ASSISTING** the patient in repositioning or transferring in or out of bed.

**NEVER** allow patients to use trapeze or traction units as a total individual weight support.

Make certain **ALL** screws and nuts are tight at all times.

**NEVER** permit more than one (1) person on/in the bed at any time.

Body weight should be evenly distributed over the surface of the bed. **DO NOT** lay, sit or lean in such a way that your entire body weight is placed only on **RAISED** head or foot sections of the bed. This includes when assisting in repositioning or transferring in or out of bed.

### REPLACEMENT PARTS

Replacement mattresses and bed side rails with dimensions **DIFFERENT** than the original equipment supplied or specified by the bed frame manufacturer may not be interchangeable. Variations in bed side rail design and thickness or density of the mattress could cause entrapment. Use **ONLY** authorized replacement parts.

# **SAFETY SUMMARY**

## **(CONTINUED)**

### **ELECTRICAL - Grounding Instructions:**

Some devices are equipped with three-prong (grounding) plugs for protection against possible shock hazards. Where a two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to contact a qualified electrician and have the two-prong receptacle replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code. If you must use an extension cord, use **ONLY** a three-wire extension cord having the same or higher electrical rating as the device being connected. **DO NOT**, under any circumstances, cut or remove the round grounding prong from any plug used with or for the products. In addition, We have placed red **WARNING** tags on some equipment. **DO NOT** remove these tags.

**NEVER** operate if the unit has a damaged cord or plug. If it is not working properly, call Qualified service Personnel for examination and repair.

Keep the cord away from **HEATED** or **HOT** surfaces.

### **REPAIR OR SERVICE INFORMATION**

**DO NOT** open assemblies such as the motors, hand control unit, junction boxes or electrical control boxes. **ONLY** trained service personnel is qualified to repair these parts.

If uncertified individuals perform any work on these beds, the warranty is voided.

**DO NOT** use unauthorized parts, accessories, or adapters other than those authorized by Manufacturer.

**UNPLUG** the power cord when performing any maintenance on the bed.

### **RADIO FREQUENCY INTERFERENCE**

Most electronic equipment is influenced by Radio Frequency Interference (RFI). Caution should be exercised with regard to the use of portable communications equipment in the area around such equipment. If RFI causes erratic behavior, unplug the bed immediately. Leave unplugged while transmission is in progress.

### **WEIGHT LIMITATION**

The weight limitation for the 36-inch (91,4cm) wide Manual/Electric bed; taking into consideration patient size, proper positioning, realignment, transfer and overall care; is 450 pounds (204 kg.)

Lifting capacity for the bed motors is 800 pounds (362,9 kg)

Frame limitation is 1200 lbs. (544,3 kg) of static load (Weight distributed evenly over entire bed surface.)

# SPECIFICATIONS

ELECTRIC SPLIT BED SYSTEM	
DESCRIPTION	SHIPPING
Full Electric	Lbs. 223
Semi Electric-Single crank Hi/Lo	203

ELECTRIC SPLIT BED SYSTEM	
DESCRIPTION	SHIPPING
Manual	Lbs. 189

ADJUSTMENT RANGE - FULL ELECTRIC BED									
Bed No.	Head End		Foot End		Fabric Height*		80 in.(203.2cm)Spring	Split Springs	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Overall Length	Bed Width	To Ends Head Foot
28 7/8		36 3/8	26 1/4	33 3/4	15 1/2	24	88 in.	36 in.	43 in. 45 in.

ADJUSTMENT RANGE - SEMI ELECTRIC BED									
Bed No.	Head End		Foot End		Fabric Height*		80 in.(203.2cm)Spring	Split Springs	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Overall Length	Bed Width	To Ends Head Foot
28 7/8 in.		37 5/8 in.	26 1/4 in.	35 7/8 in.	15 1/2 in.	24 in.	88 in.	36 in.	43 in. 45 in.

ADJUSTMENT RANGE - MANUAL BED									
Bed No.	Head End		Foot End		Fabric Height*		80 in.(203.2cm)Spring	Split Springs	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Overall Length	Bed Width	To Ends Head Foot
28 7/8 in.		37 1/4 in.	26 1/4 in.	34 7/8 in.	15 1/2 in.	24 in.	88 in.	36 in.	43 in. 44 3/8 in.

• Height from floor to bottom of mattress.

A Denotes single spring bed system.

Homecare beds are UL and C.S.A. listed.

# SPECIFICATIONS (CONTINUED)

Name	HEAD SPRING	FULL ELECTRIC BED ENDS	BED ENDS FOR MANUAL AND SEMI-ELECTRIC BED	FOOT SPRING SECTION FOR MANUAL BED	FOOT SPRING SECTION FOR SEMI-ELECTRIC	FOOT SPRING SECTION FOR FULL ELECTRIC
FULL ELECTRIC	×	×				×
SEMI ELECTRIC	×		×		×	
MANUAL	×		×	×		

# ASSEMBLY

**This Procedure Includes the following:**

**Connecting the Spring Sections (Semi/Full Electric and Manual Beds)**

**Connecting the Spring Fabric**

**Adjusting and Reconnecting the Head Spring Pull Tube**

**Raising the Bed Ends (Full Electric Bed Only)**

**Assembling the Bed Ends**

**Installing the Casters**

**Drive Shaft Assembly and Installation**

**Activating the Bed Functions (Full/SemiElectric Beds Only)**

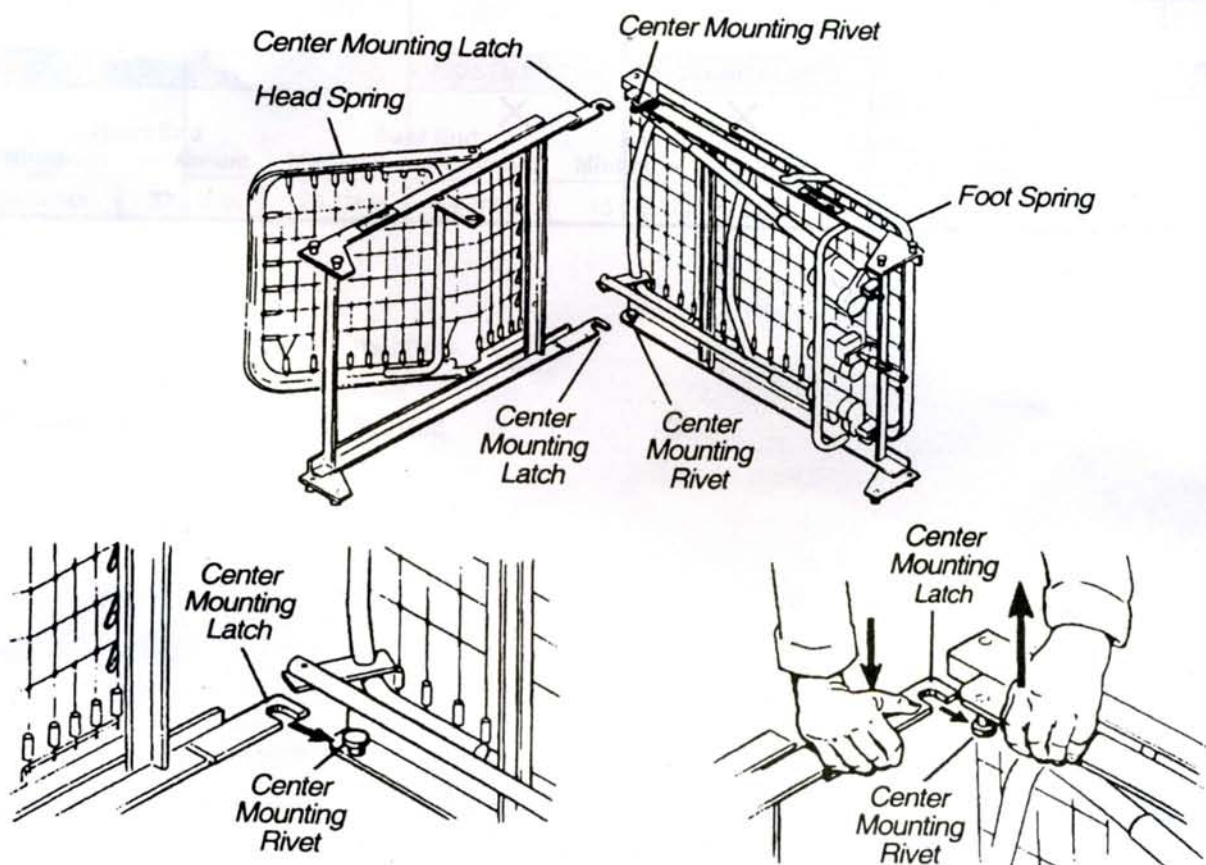
## CONNECTING THE SPRING SECTIONS (SEMI/FULL ELECTRIC AND MANUAL BEDS) (FIGURE 1)

1. Remove the head spring from packaged container and place on its side to your left with the center mounting latches to your right.

2. Remove the foot spring from packaged container and place on its side to your right with the head spring pull tube at the top of the assembly and the center mounting rivets facing to the left.
3. For semi-electric and full-electric foot spring, the motors should be to your right and for manual foot spring the crank handles will be to your right.
4. The head and foot spring should now be on their sides at approximately a 90° angle to one another.
5. Hook the bottom head spring center mounting latch to the bottom foot spring center mounting rivets.
6. Hook the top head spring center mounting latches to the top foot spring center mounting rivets.

**NOTE:** It may be necessary to lift slightly on the head spring or foot spring to secure the mounting latches and rivets.

7. After head and foot springs are connected, push the springs into a horizontal (straight) position while still on their sides.



**FIGURE 1 - CONNECTING THE SPRING SECTIONS**

# ASSEMBLY

## CONNECTING THE SPRING FABRIC (FIGURE 2)

1. Lift the head spring upward to give slack to the fabric, and connect the spring fabric together with the links provided.

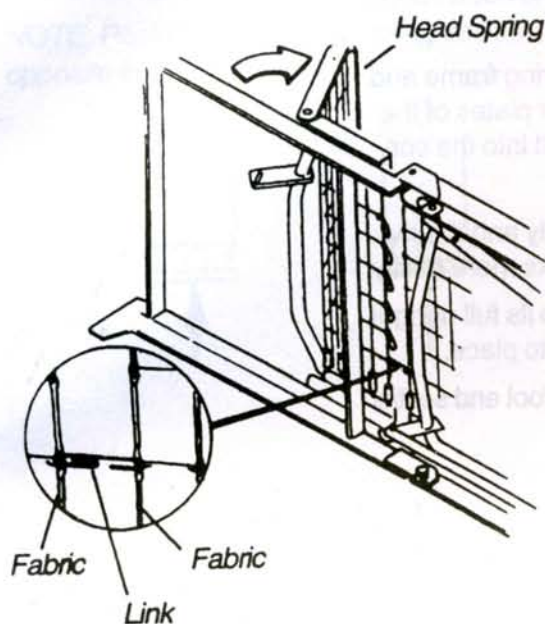


FIGURE 2 - CONNECTING THE SPRING FABRIC

## ADJUSTING AND RECONNECTING THE HEAD SPRING PULL TUBE (FIGURE 3)

1. To provide up/down movement of the head section, disconnect the head pull-tube assembly from the side frame of the foot spring by removing the hitch pin, grommet and washer from the clevis pin.
2. Extend the inner pull tube shaft manually until the spring button "clicks" into the adjustment hole of the outer pull tube.
3. The spring button should protrude through the adjustment hole and the clevis pin of the now extended pull tube arm will line up with the lift arm slot.
4. Connect the pull tube end assembly to the lift arm of the head spring by inserting the clevis pin into the lift arm slot; reconnect the grommet and washer. Secure with hitch pin.

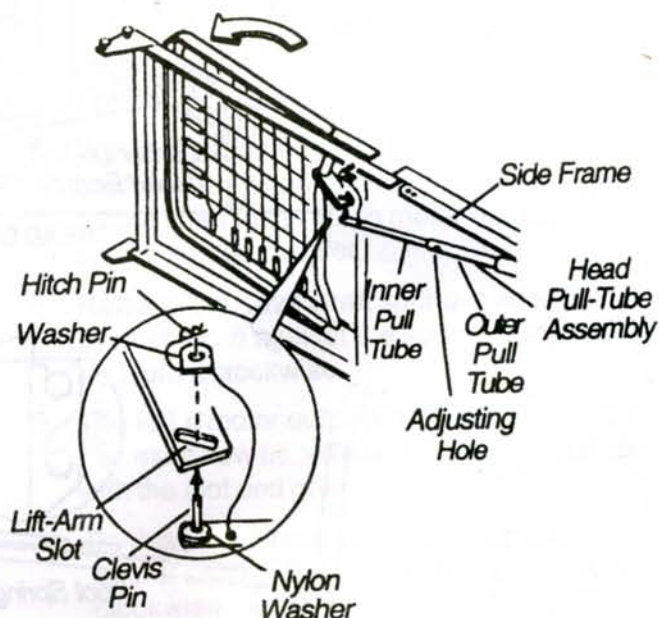


FIGURE 3 - ADJUSTING AND RECONNECTING THE HEAD SPRING PULL TUBE

# ASSEMBLY

## ASSEMBLING THE BED ENDS (FIGURE 4)

*NOTE: When connecting the bed ends (headboard and footboard), remember that the headboard is the taller of the two.*

1. Stand the headboard as close to the head spring as possible.
2. With one hand, grasp the head spring frame and raise it until the rivets on the corner plates of the spring are at the correct height to fit into the corner locks on the headboard.
3. Tilt the headboard backward slightly and the rivets should slide into the corner locks more easily.
4. When the headboard is returned to its full upright position, the headboard will lock into place.
5. Repeat the same procedure for the foot end section.

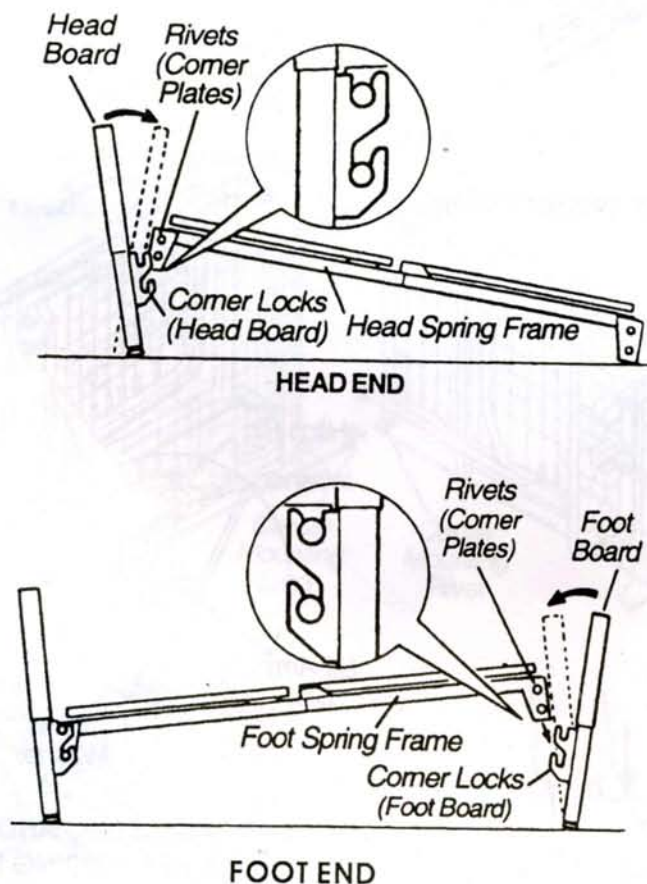


FIGURE 4- ASSEMBLING THE BED ENDS

# ASSEMBLY

## INSTALLING THE CASTERS (FIGURE 5)

1. Install casters by carefully lifting the bed ends approximately 5-inches (12.7 cm) from the floor and insert the shaft of caster assembly into the caster socket.

*NOTE: Position the two (2) locking casters diagonally opposite from one another*

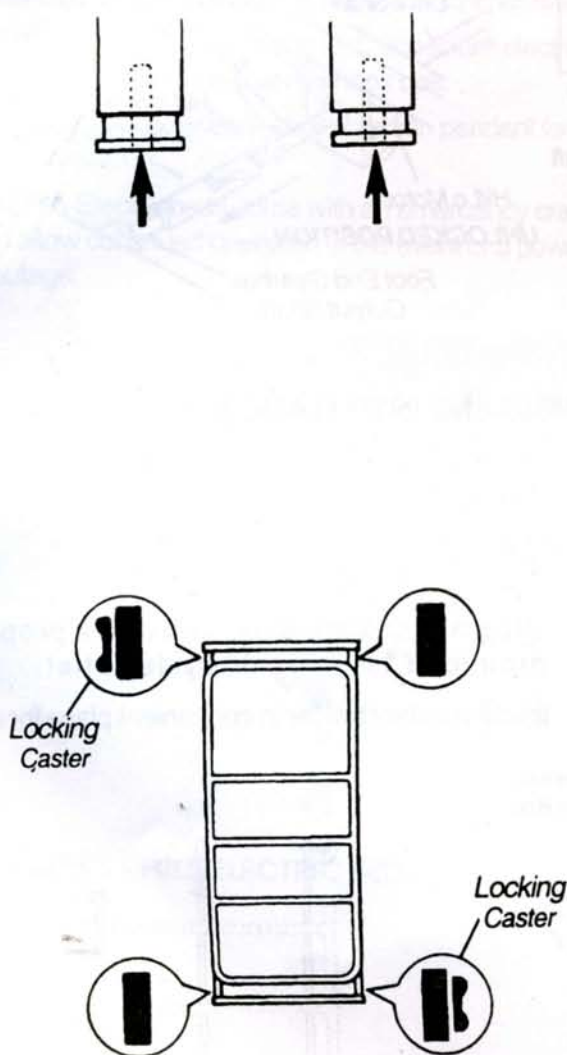


FIGURE 5- INSTALLING THE CASTERS

## DRIVE SHAFT ASSEMBLY AND INSTALLATION (FIGURE 6)

The drive shaft is composed of two (2) sections. The inner shaft which has a positioning spring button, and the outer shaft, which has two (2) positioning holes and one (1) storage position hole. Together they make the telescoping drive shaft used on all manual and electric Hi/Lo model beds.

1. Remove the plastic caps from each end of the drive rod.
2. Depress spring button on the inner shaft and insert the inner shaft into the outer shaft.
3. Slide the inner shaft to the desired position for the type of bed being used and engage the spring button into the proper positioning hole.
4. For semi-electric and manual beds, engage the spring button into the furthest positioning hole in outer shaft.
5. For full-electric models, engage the spring button in to the positioning hole in the outer shaft located next to the semi-electric/manual positioning hole.
6. Connect the drive shaft to the bed by attaching either end of the drive shaft to the head end gear box.
7. Connect the other end to the Hi/Lo motor output shaft and then connect the foot end gearbox output shaft to the Hi/Lo motor output shaft spring-loaded coupler.
8. Release the drive shaft spring-loaded coupler by pushing in against the spring-loaded coupler and turn it clockwise.
9. The Hi/Lo motor output shaft spring-loaded coupler must now be released to properly connect with the foot end gear box output shaft.
10. Do this by pushing in against the Hi/Lo motor output shaft spring-loaded coupler and turn it clockwise.
11. The coupling will release and engage the foot end output shaft.
12. Ensure that all components are securely installed.

# ASSEMBLY

NOTE: Since there is no Hi/Lo motor for semi-electric Single Crank, Two Crank and manual beds with Hi/Lo functions, the drive shaft will mount directly into the foot end gearbox output shaft.

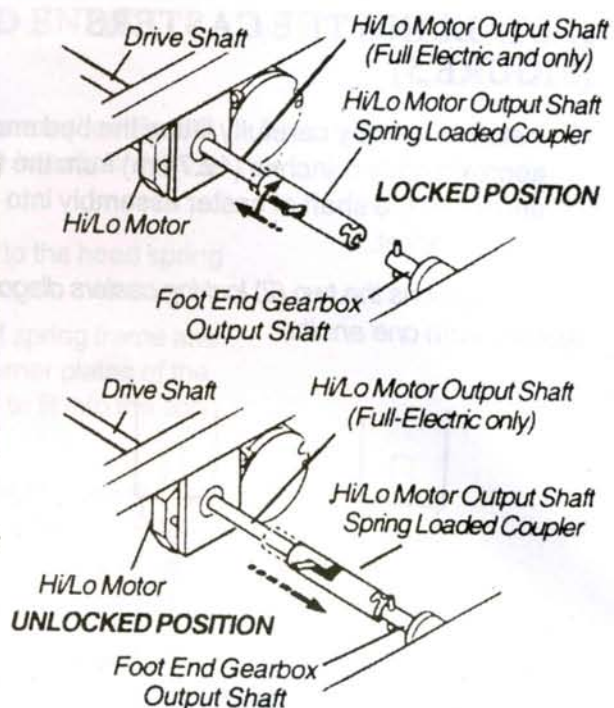
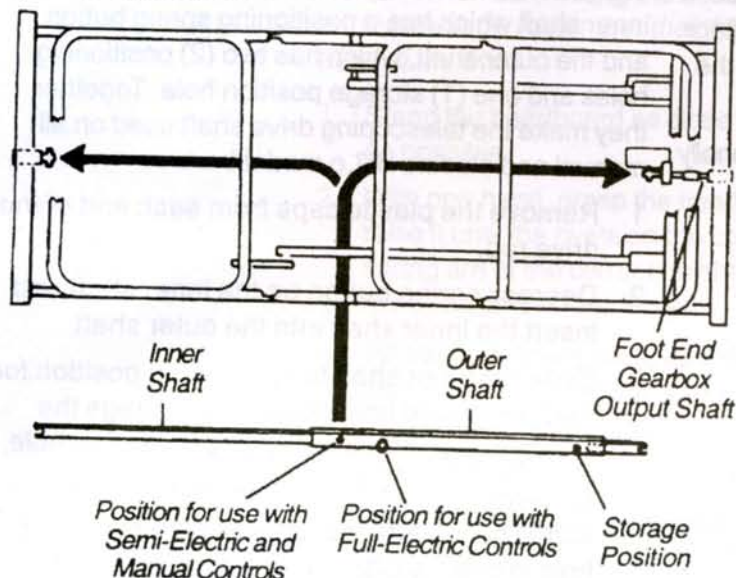


FIGURE 6- DRIVE SHAFT ASSEMBLY AND INSTALLATION

## ACTIVATING THE BED FUNCTIONS (FULL/SEMI ELECTRIC BEDS ONLY) (FIGURE 7)

1. Recheck all electrical connections on junction box at foot end ensuring that all motors are plugged into the correct locations.
2. Plug the junction box cord into a properly grounded 110-volt, 60 cycle outlet.
3. Install pendant holder in convenient place for user.

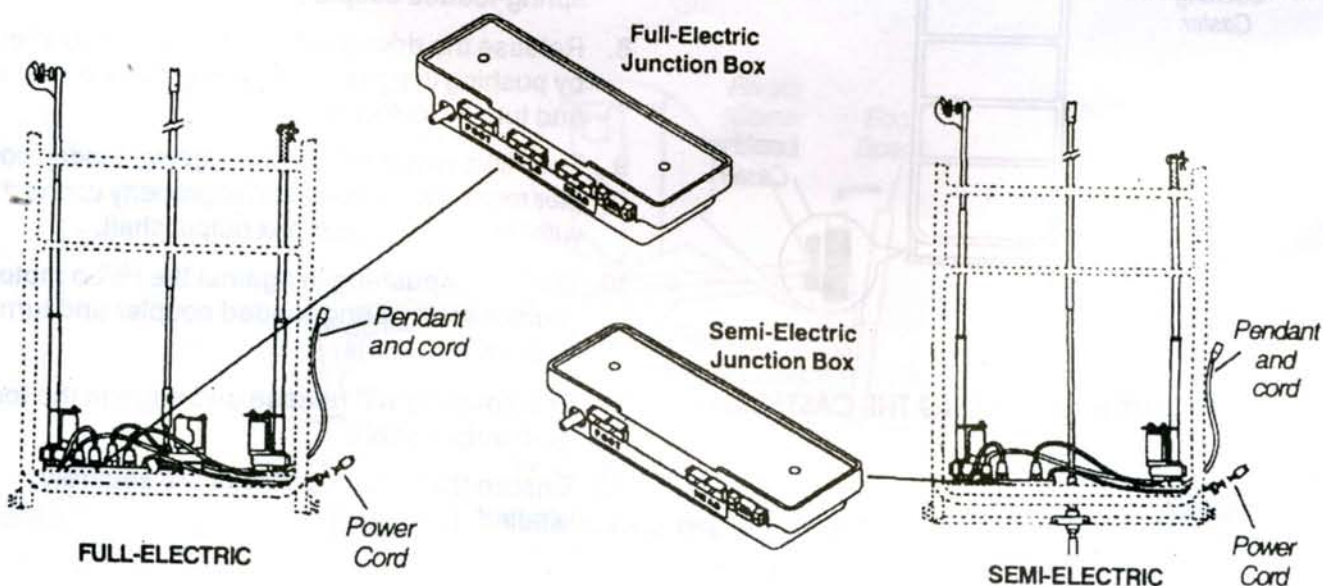


FIGURE 7- ACTIVATING THE BED FUNCTIONS (FULL/SEMI ELECTRIC BEDS ONLY)

# OPERATION AND ADJUSTMENT

*This Procedure Includes the following:*

*Full Electric Operation*

*Semi-Electric Operation*

*Manual Bed Operation*

## FULL-ELECTRIC OPERATION

1. The accompanying pictures detail the full-electric beds and will acquaint the user with the bed functions and controls.
2. Operate the bed through all phases of its operation.
3. If any problems arise during test, recheck all electrical connections and mechanical hook ups.
4. Full-Electric beds use a six(6) function pendant for all bed operation.
5. All Full-Electric beds come with an emergency crank to allow continued operation in the event of a power outage.

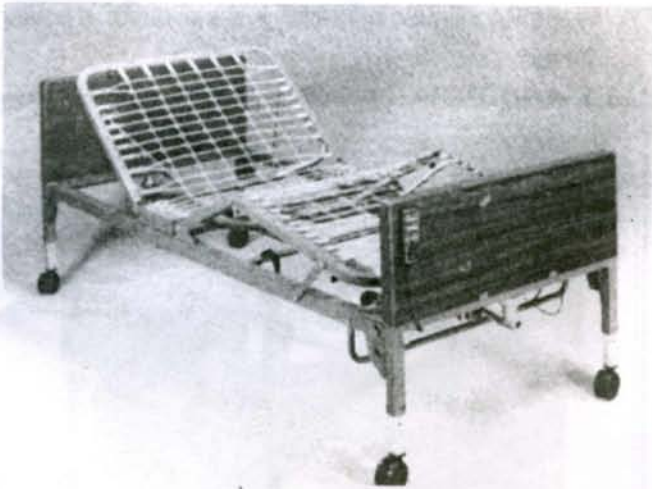
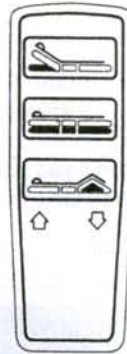


FIGURE 1 - FULL-ELECTRIC BED -

## Raising and Lowering the Entire Bed (Full-Electric Beds [FIGURE 2])

TO RAISE ENTIRE BED - FULL ELECTRIC BEDS

Depress button "BED" "UP" as shown on pendant control. This will raise the entire height of the bed.



TO LOWER ENTIRE BED - FULL ELECTRIC BEDS

Depress button "BED" "DOWN" as shown on pendant control. This will lower the entire height of the bed.

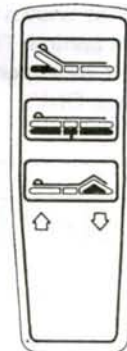






FIGURE 2 - RAISING AND LOWERING THE ENTIRE BED (FULL-ELECTRIC BEDS)

## OPERATION AND ADJUSTMENT

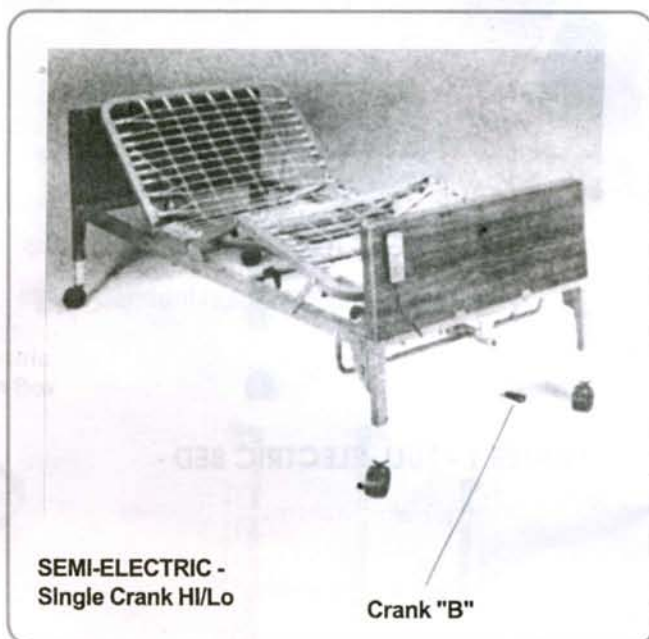
### Raising and Lowering the Head and Foot Sections (Full-Electric Beds [FIGURE 3])

<p><b>TO RAISE THE HEAD SPRING SECTION FULL ELECTRIC BEDS</b></p> <p>Depress button "HEAD DOWN" as shown on pendant control. This will lower the head portion of the bed ONLY.</p> 
<p><b>TO LOWER THE HEAD SPRING SECTION FULL ELECTRIC BEDS</b></p> <p>Depress button "HEAD DOWN" as shown on pendant control. This will lower the head portion of the bed ONLY.</p> 
<p><b>TO RAISE THE FOOT SPRING SECTION FULL ELECTRIC BEDS</b></p> <p>Depress button "FOOT UP" as shown on pendant control. This will raise the foot portion of the bed ONLY.</p> 
<p><b>TO LOWER THE FOOT SPRING SECTION FULL ELECTRIC BEDS</b></p> <p>Depress button "FOOT DOWN" as shown on pendant control. This will lower the foot portion of the bed ONLY.</p> 

**FIGURE 3 - RAISING AND LOWERING  
THE HEAD AND FOOT SECTIONS  
(FULL-ELECTRIC BEDS)**

### SEMI-ELECTRIC OPERATION

1. The accompanying pictures detail the semi-electric beds with the hi/lo and foot crank locations where applicable
2. The semi-electric Single and Two Crank beds with Hi/Lo operation use a four (4) function pendant for head and footspring functions and a hand crank for hi/lo bed operation.
3. The semi-electric fixed height beds will feature head and foot section operation but the overall bed height is fixed and cannot be altered..
4. Determine your particular semi-electric bed to assist in the operation of the features of the bed.
5. Operate the bed through all phases of its operation.
6. If any problems arise during test, recheck all electrical connections and mechanical hook ups.
7. All semi-electric beds come with an emergency crank to allow continued operation in the event of a power outage.



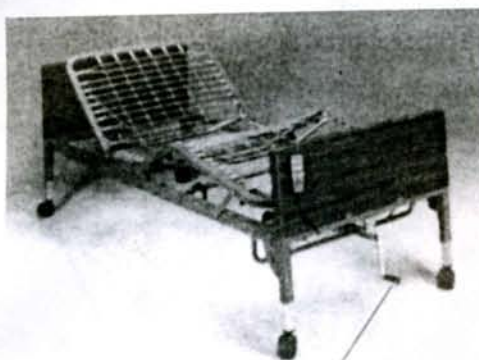
**FIGURE 4 - SEMI-ELECTRIC OPERATION**

# OPERATION AND ADJUSTMENT

## Raising and Lowering the Entire Bed (Semi-Electric Beds [FIGURE 5])

### TO RAISE ENTIRE BED-SEMI-ELECTRIC BEDS

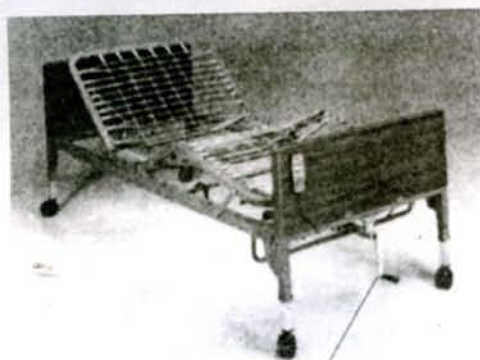
SEMI-ELECTRIC SINGLE CRANK-HI/LO:  
Turn crank "B" clock wise. This will raise the  
entire height of the bed.



Crank "B"

### TO LOWER ENTIRE BED- SEMI-ELECTRIC BEDS

SEMI-ELECTRIC SINGLE CRANK-HI/LO:  
Turn crank "B" counter clockwise. This will  
lower the entire height of the bed.



Crank "B"

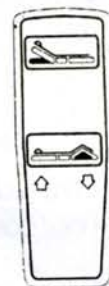
FIGURE 5 - RAISING AND LOWERING THE  
ENTIRE BED (SEMI - ELECTRIC BEDS)

## Raising and Lowering the Head and Foot Sections (Semi-Electric Beds [FIGURE 6])

### TO RAISE HEAD SPRING SECTION-SEMI-ELECTRIC BEDS

SEMI-ELECTRIC SINGLE CRANK-HI/LO:

Depress button "HEAD UP" as shown  
on pendant control. This will raise the  
head portion of the bed ONLY.



### TO LOWER HEAD SPRING SECTION-SEMI-ELECTRIC BEDS

SEMI-ELECTRIC SINGLE CRANK-HI/LO:

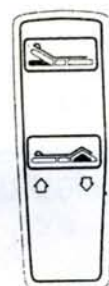
Depress button "HEAD DOWN" as  
shown on pendant control. This will  
lower the head portion of the bed ONLY.



### TO RAISE FOOT SPRING SECTION-SEMI-ELECTRIC BEDS

SEMI-ELECTRIC SINGLE CRANK-HI/LO:

Depress button "FOOT UP" as shown  
on pendant control. This will raise the  
foot portion of the bed ONLY.



### TO LOWER FOOT SPRING SECTION-SEMI-ELECTRIC BEDS

SEMI-ELECTRIC SINGLE CRANK-HI/LO:

Depress button "FOOT DOWN" as  
shown on pendant control. This will  
lower the foot portion of the bed ONLY.



FIGURE 6 - RAISING AND LOWERING THE  
HEAD AND FOOT SECTIONS(SEMI-ELECTRIC  
SINGLE AND TWO CRANK HI/LO BEDS)

NOTE: Remember that in the event a full or semi-electric bed should malfunction, it is possible to manually crank the bed using the emergency crank supplied.

## OPERATION AND ADJUSTMENT

### MANUAL BED OPERATION (FIGURE 7)

1. The accompanying pictures detail the manual bed models and the hi/lo crank locations where applicable.
2. Determine your particular manual bed to assist in the operation of the features of the bed.
3. Operate the bed through all phases of its operation.
4. If any problems arise during test, recheck all mechanical hook ups.

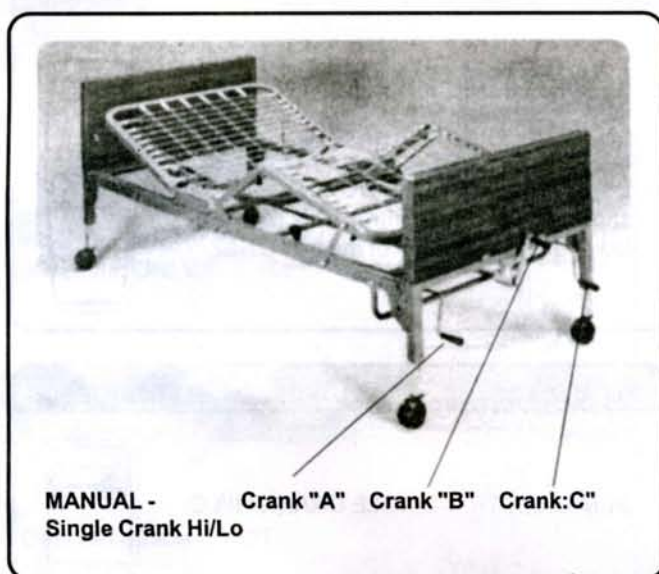
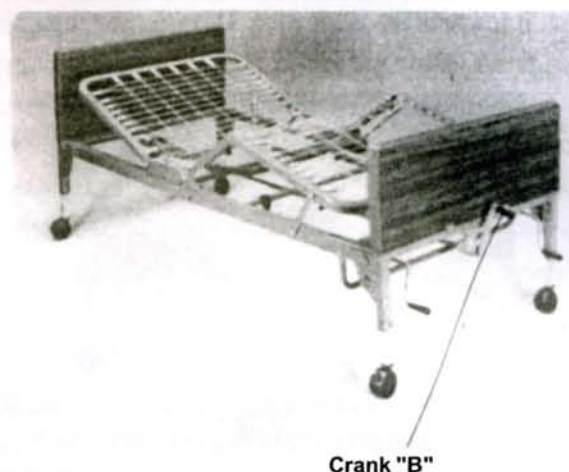


FIGURE 7 - MANUAL BED OPERATION

### Raising and Lowering the Entire Bed (Manual Beds [FIGURE 8])

#### TO RAISE ENTIRE BED - MANUAL BEDS

MANUAL SINGLE CRANK- HI/LO:  
Turn crank "B" clockwise. This will raise the entire height of the bed.



#### TO LOWER ENTIRE BED - MANUAL BEDS

MANUAL SINGLE CRANK- HI/LO:  
Turn crank "B" counterclockwise. This will lower the entire height of the bed.

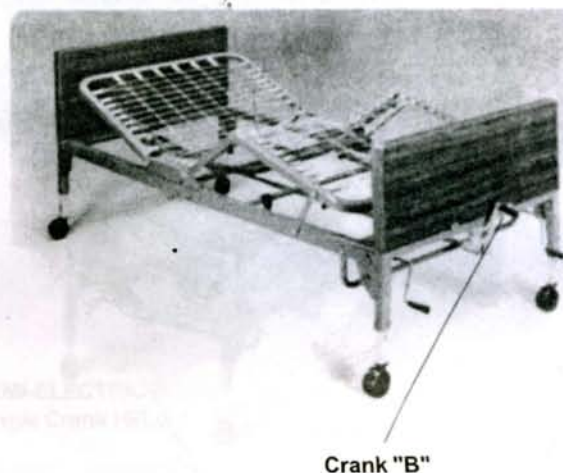


FIGURE 8 - RAISING AND LOWERING THE ENTIRE BED (MANUAL BEDS)

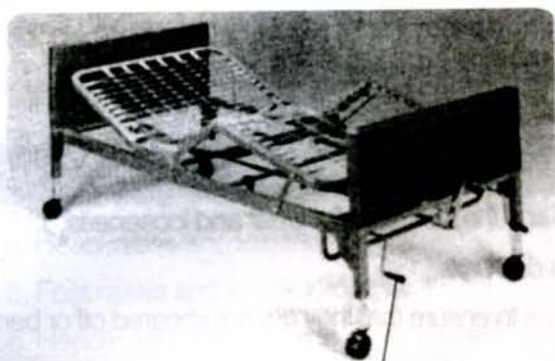
# OPERATION AND ADJUSTMENT

## Raising and Lowering the Head Section (FIGURE 9 A)

### TO RAISE HEAD SPRING SECTION - MANUAL BEDS

#### MANUAL SINGLE CRANK HI/LO:

Turn crank "A" clockwise. This will raise the head portion of the bed ONLY.

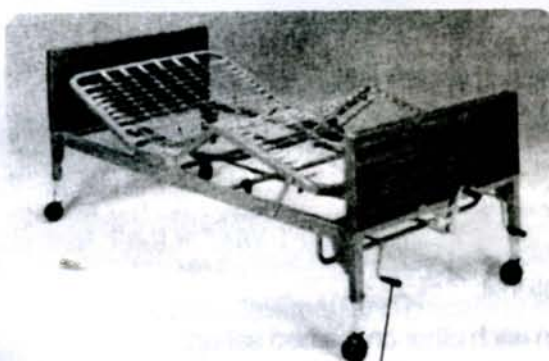


Crank "A"

### TO LOWER HEAD SPRING SECTION - MANUAL BEDS

#### MANUAL SINGLE CRANK HI/LO:

Turn crank "A" counterclockwise. This will lower the head portion of the bed ONLY.



Crank "A"

**FIGURE 9A - RAISING AND LOWERING  
THE HEAD SECTION**

## Raising and Lowering the Foot Section (FIGURE 9 B)

### TO RAISE FOOT SPRING SECTION - MANUAL BEDS

#### MANUAL SINGLE CRANK HI/LO:

Turn crank "C" clockwise. This will raise the foot portion of the bed ONLY.

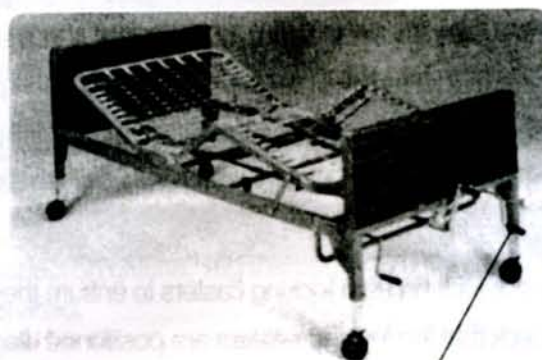


Crank "C"

### TO LOWER FOOT SPRING SECTION - MANUAL BEDS

#### MANUAL SINGLE CRANK HI/LO:

Turn crank "C" counterclockwise. This will lower the foot portion of the bed ONLY.



Crank "C"

**FIGURE 9B - RAISING AND LOWERING  
THE FOOT SECTION**

# MAINTENANCE

## OPERATIONAL CHECKOUT INSPECTION - HOMECARE BEDS

PROCEDURE	INSPECT
<b>PACKAGING/HANDLING INSPECTION</b>	
<b>INSPECTION OF ALL COMPONENTS</b>	Receipt of shipment
<ol style="list-style-type: none"> <li>1. Check bed components for obvious damage.</li> <li>2. Examine each item carefully for scratches, nicks, dents or any other apparent damage.</li> <li>3. Inspect power supply cord for cuts and/or damage.</li> <li>4. Check that the motor plugs are in good working order and fit properly into the junction box.</li> </ol>	
<b>ASSEMBLY CHECKOUT - MECHANICAL</b>	
<b>HEAD/FOOT SPRING SECTION</b>	1 Year or Each New User
<ol style="list-style-type: none"> <li>1. Inspect welds on the head and foot springs for stress cracks and the fasteners for wear and looseness.</li> <li>2. Inspect the head and foot springs for bend, warping or stress damage.</li> <li>3. Inspect the center mounting rivets and center mounting latches to ensure that they are not sheared off or bent.</li> </ol>	
<b>SPRING FABRIC</b>	1 Year or Each New User
<ol style="list-style-type: none"> <li>1. Check spring fabric to ensure all links are intact. Replace any missing or bent links.</li> </ol>	
<b>HEAD/FOOT MOTORS/PULL TUBES</b>	1 Year or Each New User
<ol style="list-style-type: none"> <li>1. Inspect head/foot pull tube mounting hardware for wear.</li> <li>2. Inspect head/foot pull tubes for bends, wear or stress damage. Clevis pin on head pull tube should not be bent.</li> <li>3. Tighten all motor mounting hardware.</li> </ol>	
<b>HEAD/FOOT BED ENDS</b>	1 Year or Each New User
<ol style="list-style-type: none"> <li>1. Inspect the panels and trim for holes and sharp edges.</li> <li>2. Open both head/foot bed ends by removing the panel boards and inspect cables for wear.</li> <li>3. Inspect Acme screws for lubrication. Apply a light silicon based grease if necessary. Reinstall the panel boards.</li> <li>4. Inspect the corner locks for wear, cracks or stress damage.</li> </ol>	
<b>CASTERS</b>	1 Year or Each New User
<ol style="list-style-type: none"> <li>1. Check lock on both locking casters to ensure they are operational.</li> <li>2. Check that the locking casters are positioned diagonally from each other on the bed set-up.</li> <li>3. Check casters to ensure they roll properly.</li> </ol>	
<b>DRIVE SHAFT</b>	1 Year or Each New User
<ol style="list-style-type: none"> <li>1. Make sure the spring button works properly and locks both halves of the drive shaft.</li> <li>2. Check the connections on both ends of the drive shaft for wear or bends.</li> <li>3. Check entire drive shaft for bends or stress damage.</li> </ol>	

# MAINTENANCE

## PROCEDURE

INSPECT

### ASSEMBLY CHECKOUT - ELECTRICAL

#### JUNCTION BOX

1 Year or Each New User

1. Check power cord for chafing cuts or wear.
2. Make sure all attaching hardware is securely tightened.
3. Check electrical connections for wear or cracks.

#### PENDANT

1 Year or Each New User

1. Check pendant cord for chafing cuts or wear.
2. Check all pendant functions:
  - a. Head raises and lowers property.
  - b. Foot raises and lowers property.
  - c. Head/Foot ends raise and lower property (full and semi-electric only).

*NOTE: If any failures are experienced, try a new pendant and repeat steps 1 and 2 of this section.*

3. Check to make sure each button and associated function correspond (ex: Activate HEAD UP button and head end of bed raises).

#### MOTORS

1 Year or Each New User

1. Check motor cords for chafing cuts or wear.

### CLEANING INSPECTION

#### CLEANING AND DISINFECTING BED

Each New User

1. Check for gross contaminants and stains.
2. Cleaning with a hospital strength disinfectant and wipe with a damp cloth immediately.

### PASS/FAIL

**PASS** - Bed and all components has passed all of the above inspection criteria and is ready for placement into a clients home.

**FAIL** - Bed or any component has failed ANY of the above inspection criteria. Tag the bed with a complete description of the failure(s) and prepare to have bed serviced.

This maintenance checkout list contains all necessary guidelines to ensure correct bed maintenance procedures are followed and is included as a reference only.

# NOTES

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# LIMITED WARRANTY

This warranty is extended only to the original purchaser/user of our products.

This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

We want our product to be free from defects in materials and workmanship for a period of two (2) years from date of purchase for mechanical components and two (2) years from date of purchase for electrical components. All welds shall be warranted for the lifetime of the original purchaser. If within such warranty period any such product shall be proven to be defective, such product shall be repaired or replaced, at our option. This warranty does not include any labor or shipping charges incurred in replacement part installation or repair of any such product. Our sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement.

For warranty service, please contact the dealer from whom you purchased your product. In the event you do not receive satisfactory warranty service, please write directly to us, provide dealer's name, address, and the date of purchase, indicate nature of the defect and, if the product is serialized, indicate the serial number. Do not return products to our factory without our prior consent.

**LIMITATIONS AND EXCLUSIONS:** THE FOREGOING WARRANTY SHALL NOT APPLY TO SERIAL NUMBERED PRODUCTS IF THE SERIAL NUMBER HAS BEEN REMOVED OR DEFACED, PRODUCTS SUBJECTED TO NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, MAINTENANCE OR STORAGE, COMMERCIAL OR INSTITUTIONAL USE, PRODUCTS MODIFIED WITHOUT OUR EXPRESS WRITTEN CONSENT (INCLUDING, BUT NOT LIMITED TO, MODIFICATION THROUGH THE USE OF UNAUTHORIZED PARTS OR ATTACHMENTS; PRODUCTS DAMAGED BY REASON OF REPAIRS MADE TO ANY COMPONENT WITHOUT THE SPECIFIC CONSENT OF US, OR TO A PRODUCT DAMAGED BY CIRCUMSTANCES BEYOND OUR CONTROL, AND SUCH EVALUATION WILL BE SOLELY DETERMINED BY US. THE WARRANTY SHALL NOT APPLY TO PROBLEMS ARISING FROM NORMAL WEAR OR FAILURE TO ADHERE TO THE FOLLOWING INSTRUCTIONS.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, IF ANY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE DURATION OF THE EXPRESSED WARRANTY PROVIDED HEREIN AND THE REMEDY FOR VIOLATIONS OF ANY IMPLIED WARRANTY SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT PURSUANT TO THE TERMS CONTAINED HEREIN. WE SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.

THIS WARRANTY SHALL BE EXTENDED TO COMPLY WITH STATE/PROVINCIAL LAWS AND REQUIREMENTS.

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