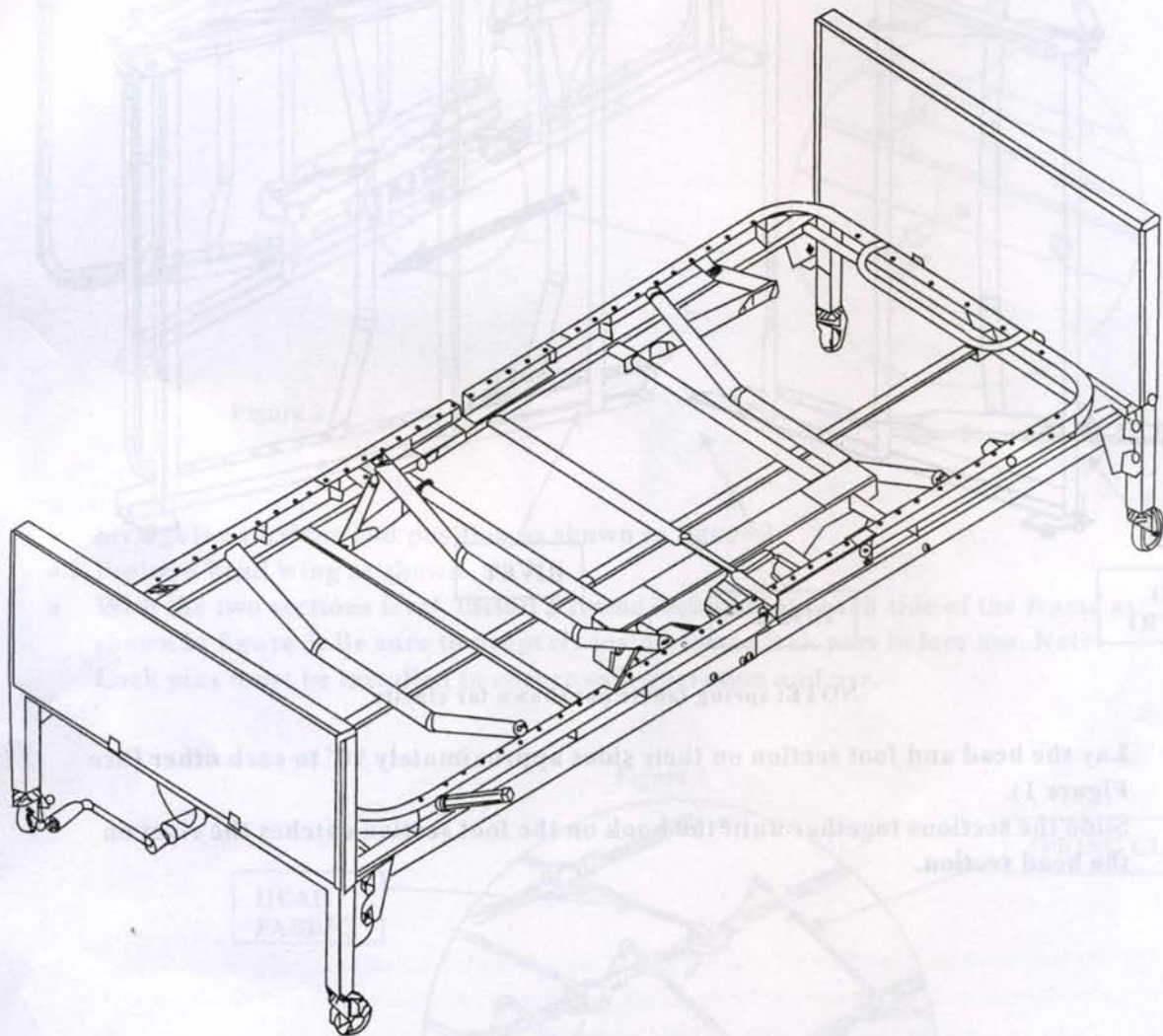
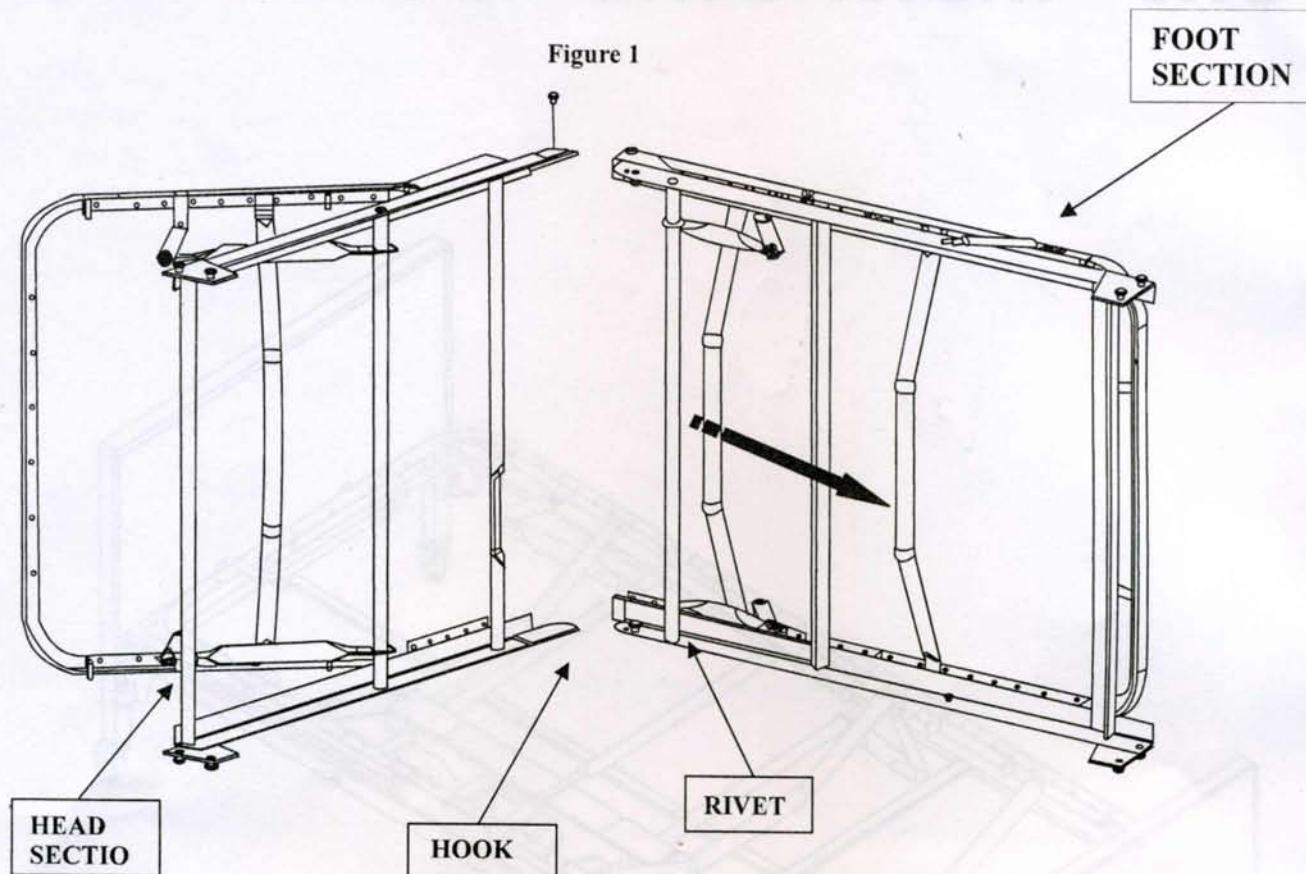


One - motor Semi - Electric Bed



ASSEMBLY INSTRUCTIONS



NOTE: spring fabric not shown for clarity

- Lay the head and foot section on their sides approximately 90° to each other (See Figure 1).
- Slide the sections together until the hook on the foot section catches the rivet on the head section.

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1-800-40-MERITS

ASSEMBLY INSTRUCTIONS(CONT.)

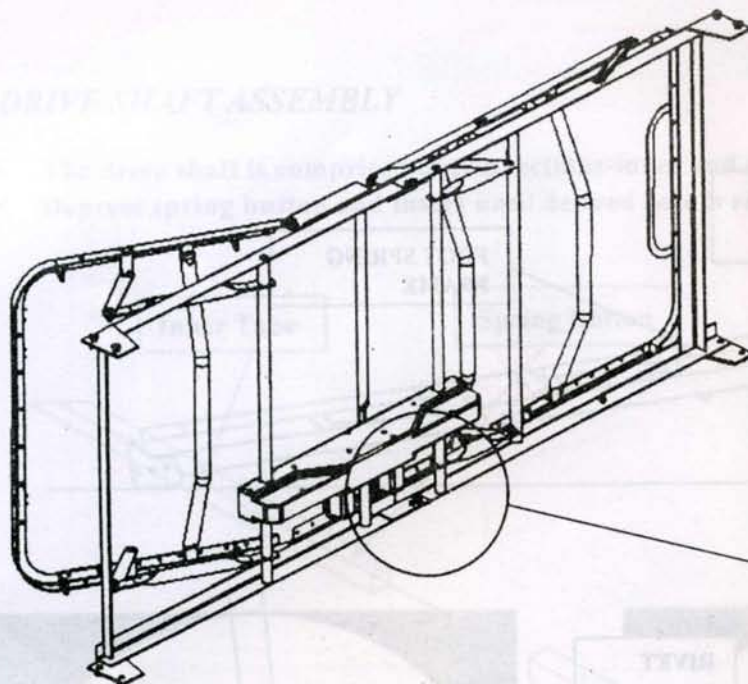


Figure 2

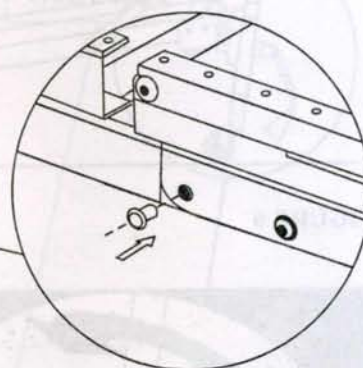
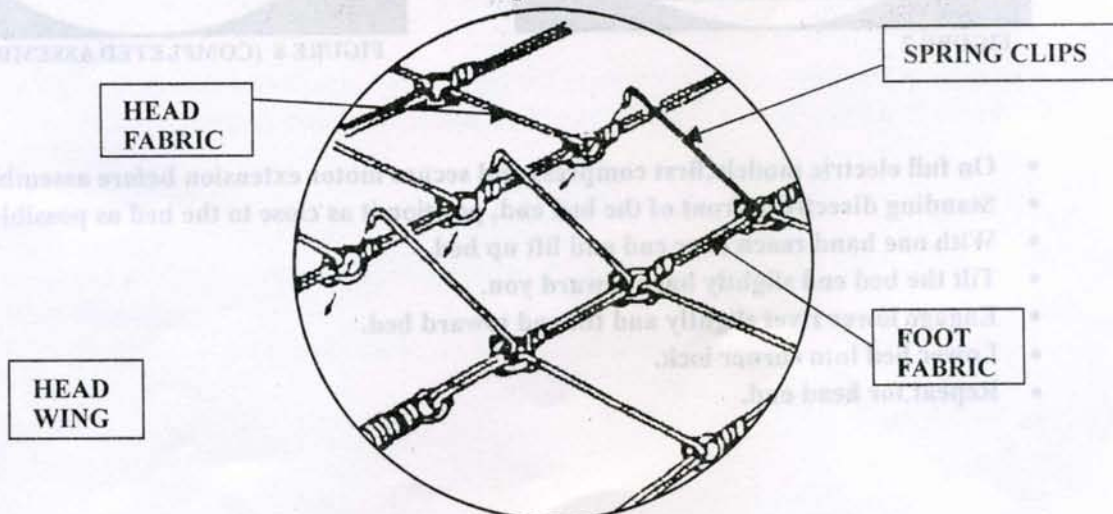


Figure 3

- Straighten sections and position as shown in figure 2.
- Position head wing as shown.
- With the two sections level, install a frame lock pin into each side of the frame as shown in figure 3. Be sure to properly install frame lock pins before use. Note: Lock pins must be installed to ensure safe operation and use.

Figure 4



- Attach fabric halves-together using spring clips, which are attached to the foot fabric.(See Figure 4)

ASSEMBLY INSTRUCTIONS

BED END ASSEMBLY

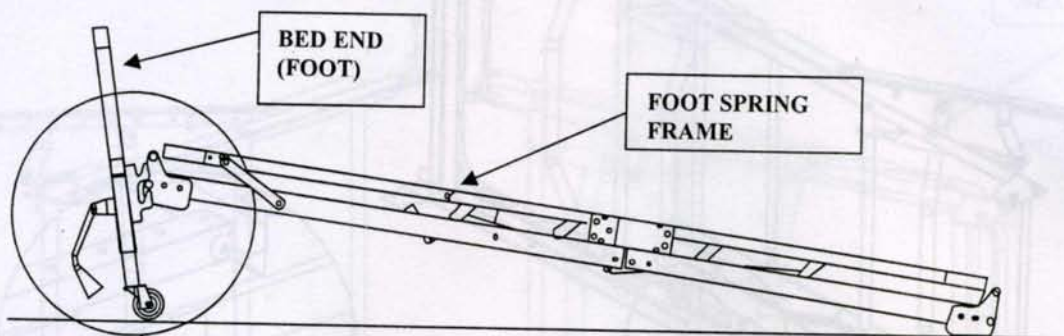


FIGURE 6

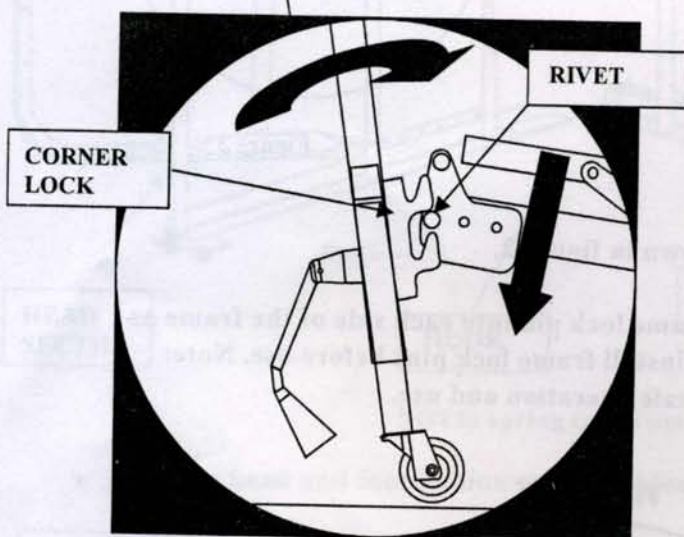


FIGURE 7

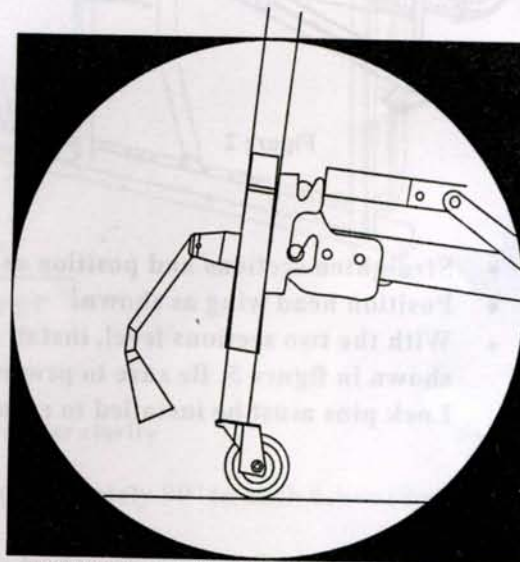


FIGURE 8 (COMPLETED ASSEMBLY)

- On full electric models; first compress and secure motor extension before assembly.
- Standing directly in front of the bed end, position it as close to the bed as possible.
- With one hand reach over end and lift up bed.
- Tilt the bed end slightly back toward you.
- Engage lower rivet slightly and tilt end toward bed.
- Lower bed into corner lock.
- Repeat for head end.

ASSEMBLY INSTRUCTIONS (CONT.)

DRIVE SHAFT ASSEMBLY

- The drive shaft is comprised of two sections-inner and outer tubes.
- Depress spring button and insert until desired hole is reached.

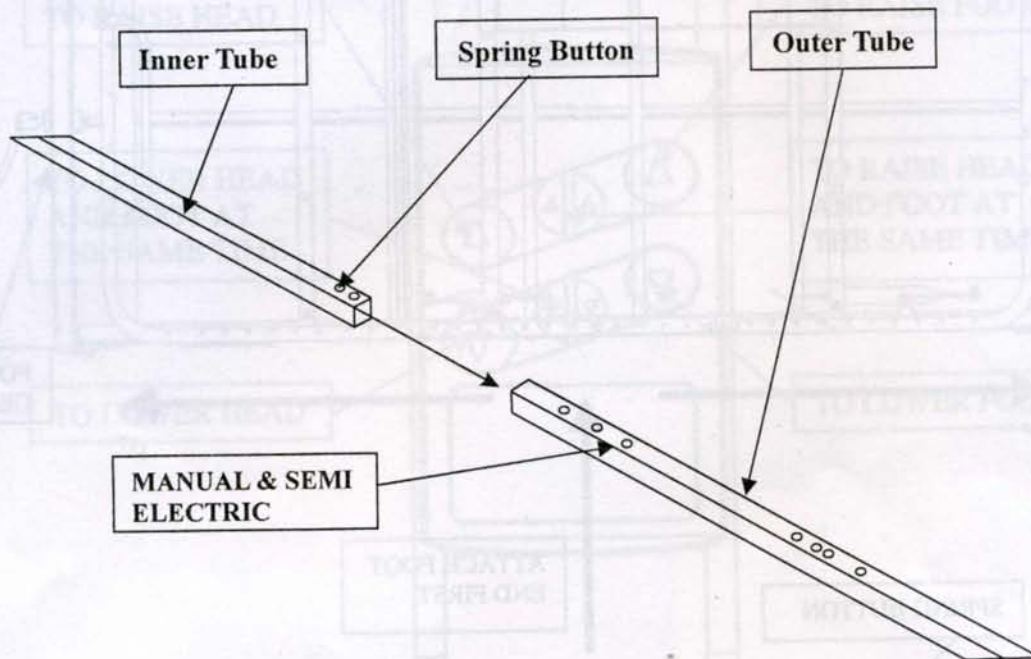
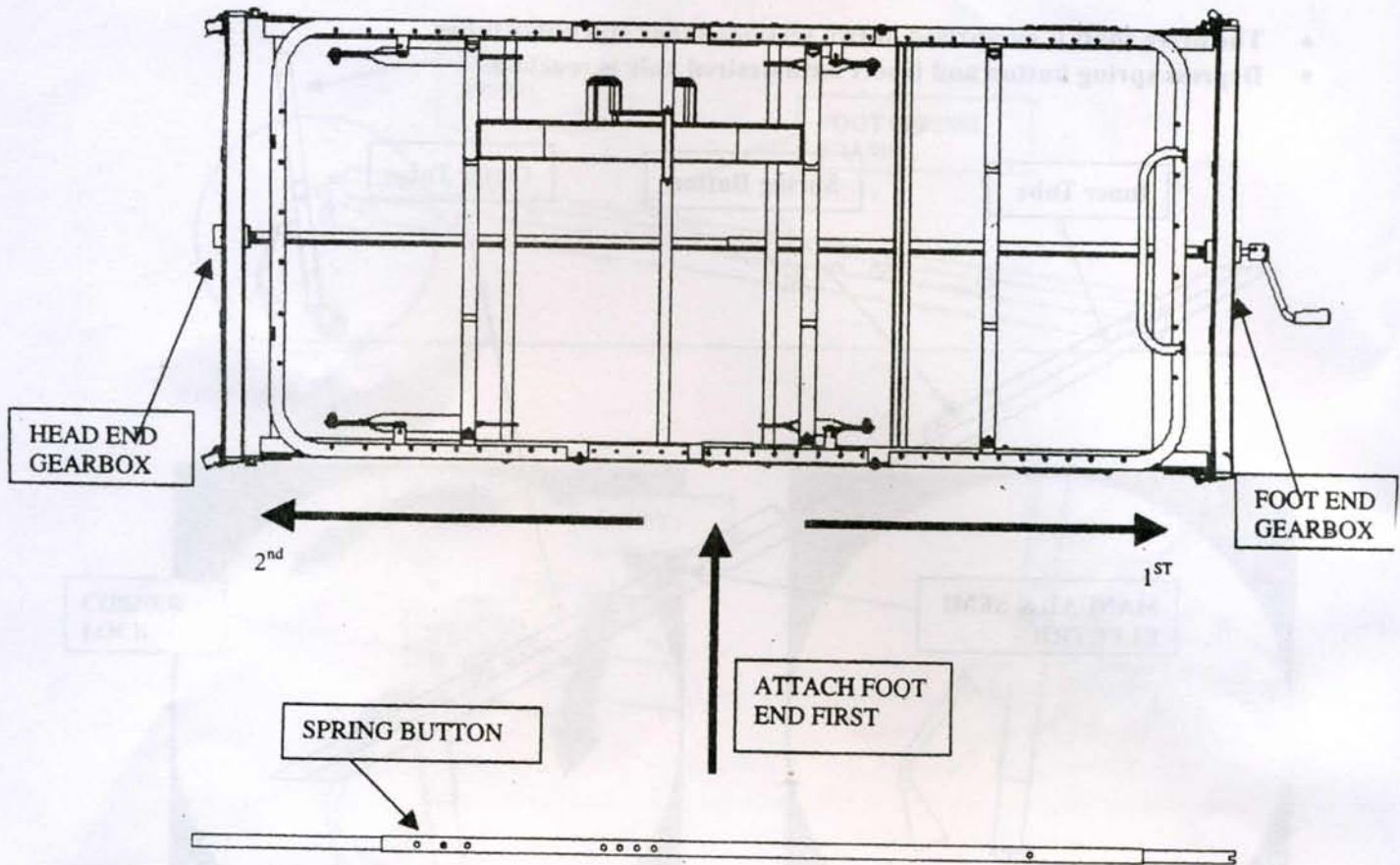


FIGURE 9

ASSEMBLY INSTRUCTIONS (CONT.)

DRIVE SHAFT ASSEMBLY

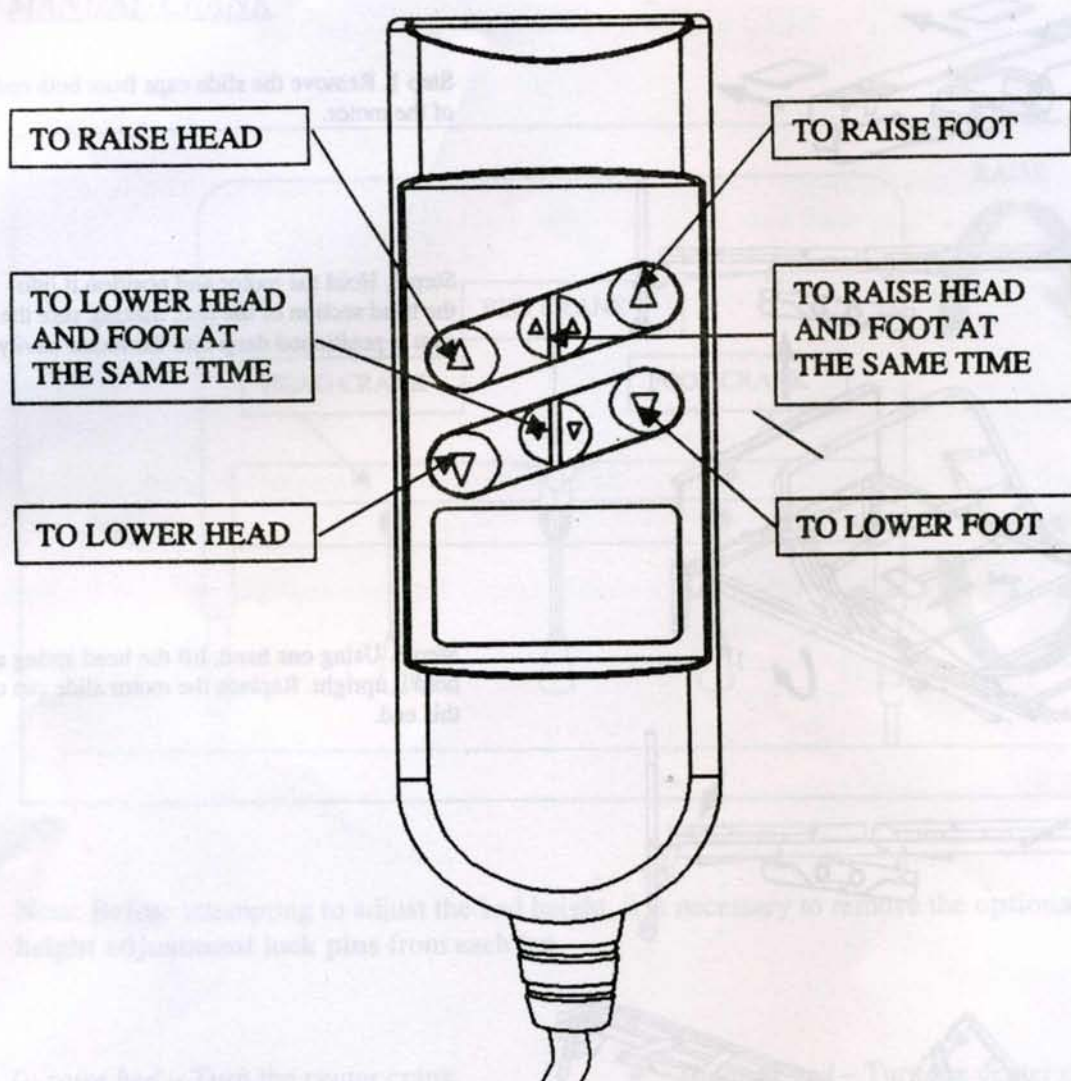


DRIVE SHAFT ASSEMBLY

- Connect the drive shaft assembly to the bed by first attaching either side of drive shaft to the foot end gearbox. Then attach other end to head end gearbox.

BED OPERATION

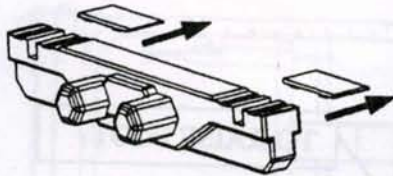
PENDANT



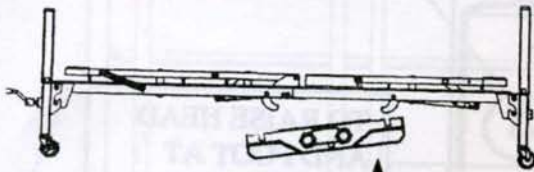
- In the event of a power failure, use a standard 9V battery to lower the head and foot sections of the bed.
- NOTE: When used with the battery, the motor will not lift the head or foot sections.

BED OPERATION (CONT.)

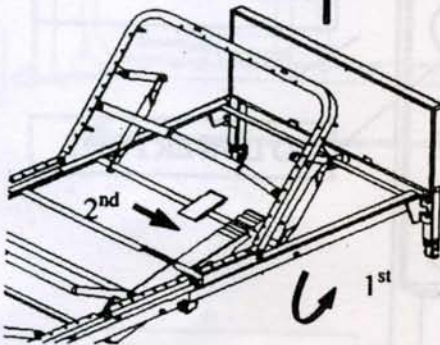
SEMI-ELECTRIC MOTOR UNIT



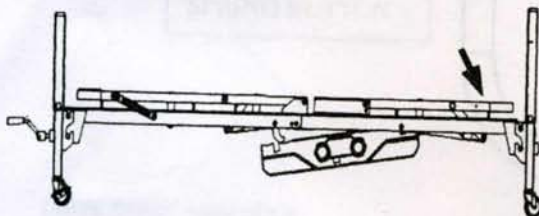
Step 1. Remove the slide caps from both ends of the motor.



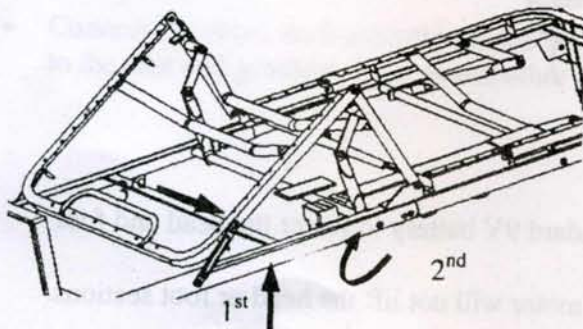
Step 2. Hold the motor and position it into the head section of the bed, making sure the cam is positioned deep into the motor cavity.



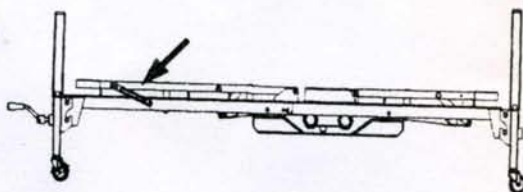
Step 3. Using one hand, lift the head spring and hold it upright. Replace the motor slide cap on this end.



Step 4. Hold the motor and position it into the foot section of the bed, making sure the cam is positioned deep into the motor cavity.

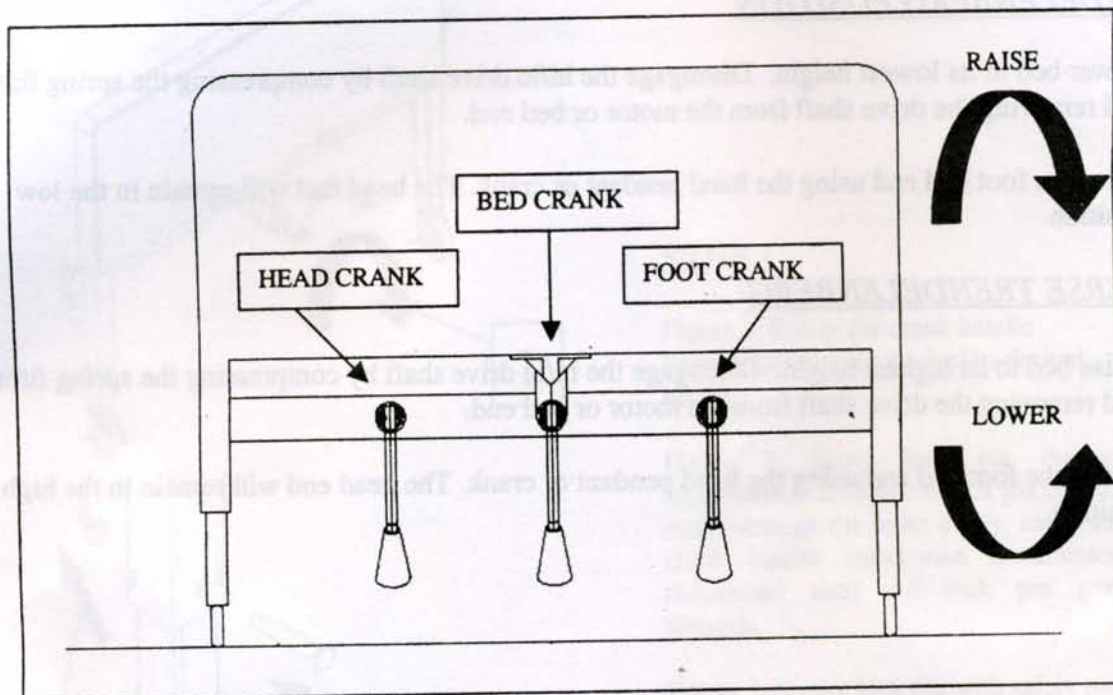


Step 5. Using one hand, lift the foot spring. Replace the motor slide cap on this end.



BED OPERATION (CONT.)

MANUAL CRANK



Note: Before attempting to adjust the bed height, it is necessary to remove the **optional height adjustment lock pins** from each leg.

- *To raise bed* – Turn the center crank handle clockwise. (Manual and Semi-Electric)
- *To raise headspring section* – Turn the left-hand crank handle clockwise. (Manual only)
- *To raise foot spring section* – Turn the right hand crank handle clockwise. (Manual Only)
- *To lower bed* – Turn the center crank handle counter-clockwise. (Manual and Semi-Electric)
- *To lower head spring section* – Turn the left-hand crank handle counter-clockwise. (Manual only)
- *To lower foot spring section* – Turn the right hand crank handle counter-clockwise. (Manual only)

BED OPERATION (CONT.)

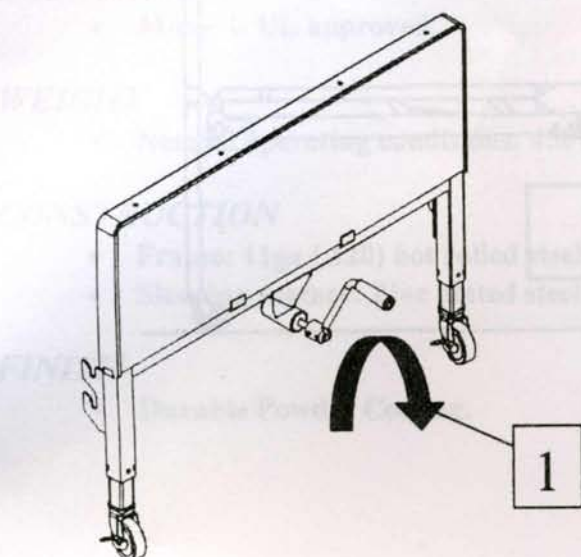
TRENDELENBERG POSITION

- Lower bed to its lowest height. Disengage the hi/lo drive shaft by compressing the spring fitting and removing the drive shaft from the motor or bed end.
- Raise the foot bed end using the hand pendant or crank. The head end will remain in the low position.

REVERSE TRENDLENBERG

- Raise bed to its highest height. Disengage the hi/lo drive shaft by compressing the spring fitting and removing the drive shaft from the motor or bed end.
- Lower the foot bed end using the hand pendant or crank. The head end will remain in the high position.

HEAD BOARD/FOOT BOARD OPTIONAL HEIGHT ADJUSTMENT PIN INSTALLATION



STEP 1

Figure 1. Rotate the crank handle (clockwise) to raise the bed to desired height.

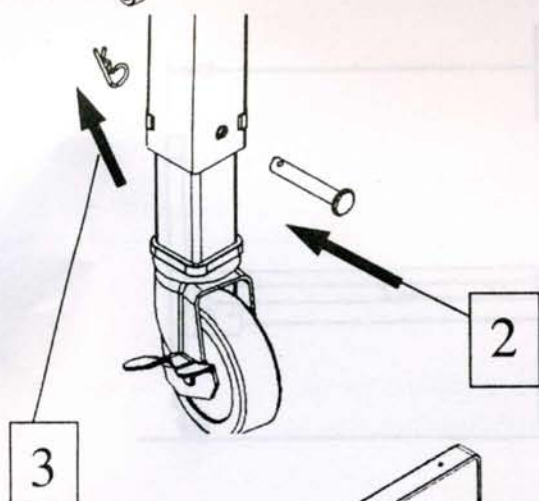
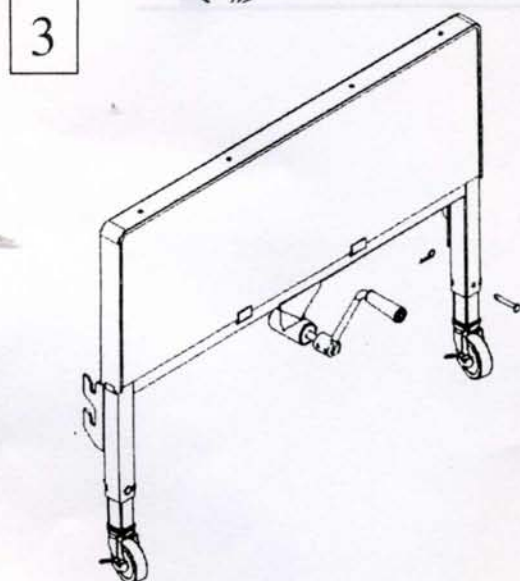


Figure 2. Insert lock pin through adjustment hole. Note: If lock pin can not insert through the holes easily, rotate the crank handle (clockwise or counter-clockwise) until the lock pin goes through.

Figure 3. Secure lock pin with safety pin provided.

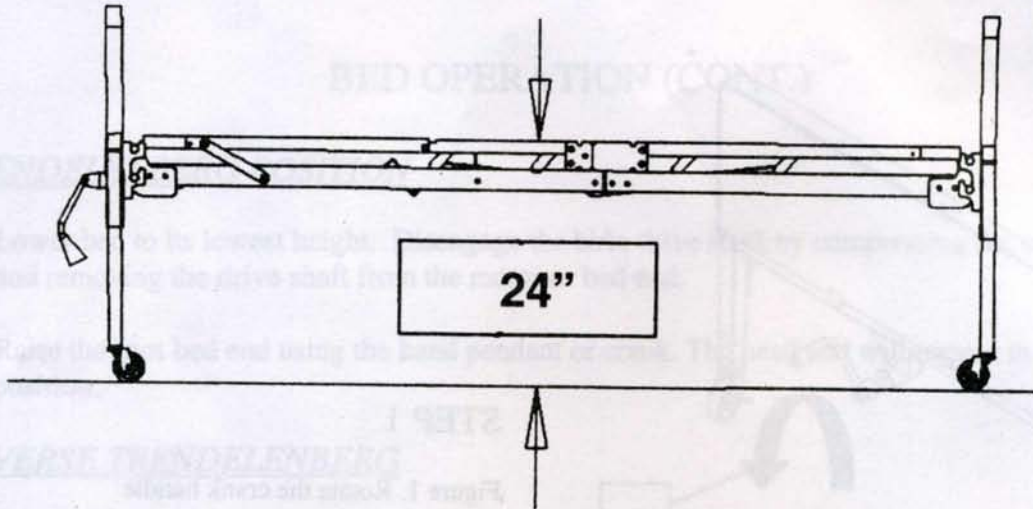


STEP 2

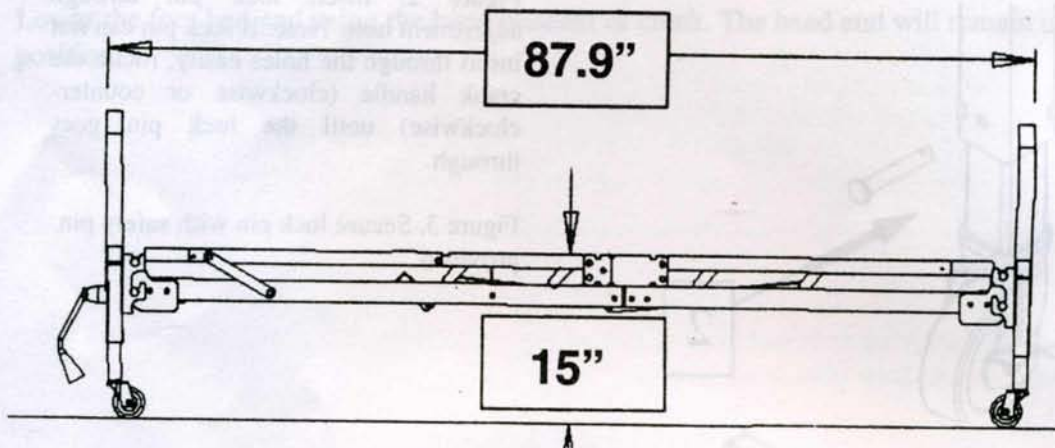
Repeat on each remaining leg.

SPECIFICATIONS

DECK HEIGHT

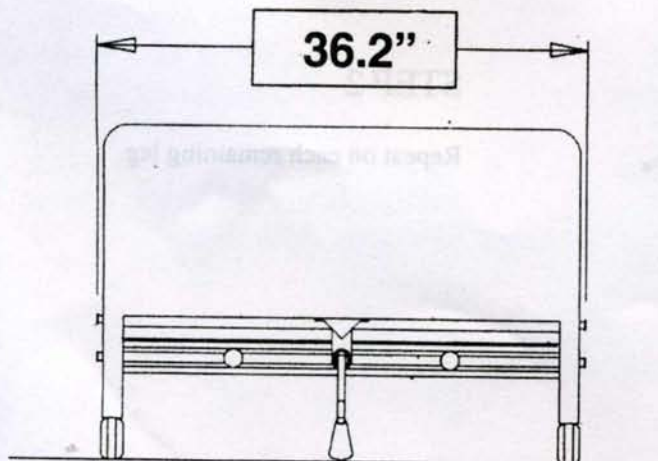


BED HEIGHT (HIGH POSITION)



BED HEIGHT (LOW POSITION)/LENGTH

DECK WIDTH



SPECIFICATIONS (CONT.)

ELECTRICAL

- Motor is UL approved.

WEIGHT

- Normal operating conditions: 450 lbs. evenly distributed.

CONSTRUCTION

- Frame: 11ga (.120) hot rolled steel. (Roll formed)
- Sleeping surface: Zinc plated steel wire and coils.

FINISH

- Durable Powder Coating.

MAINTENANCE AND SAFETY CHECKS

Annually or between patient placements:

ELECTRONICS

- Check all controls to make sure all functions work properly.
 - Foot control
 - Head control
 - Hi/LO (if applicable)
- Check all cables for damaged or frayed wires.
 - Power cord
 - Pendant cord
- Check to make sure all plugs are fully inserted or attached.

Bed frame and sleeping surface

- Visually check all welds
 - Head section
 - Foot section
 - Main Frame
- Check joints between sleeping surface sections for loose fasteners.

Cleaning

- The metal parts of the bed are covered with a powder coating. Clean all coated parts with mild detergent and warm water. Periodically raise head and feet sections of the bed and remove dust from frame. Also, periodically remove mattress and clean mattress deck.

Lubrication and Mechanical

- Lightly grease all actuator screw threads with white lithium grease.
- Lubricate all caster roller and swivel bearings with light machine oil.
- Check all bolts and tighten as needed.

WARRANTY

Lifetime on frame.

One year warranty on all components.

During the warranty period, defective items will be repaired or replaced at

Our option at no charge.

MAINTENANCE AND SAFETY CHECKS

Annually or before patient placement

ELECTRONICS

- Check all controls to make sure all functions work properly.
 - Power control
 - Head control
 - HILL (if applicable)
- Check all cables for damaged or frayed wires.
 - Power cord
 - Control cord
- Check to make sure all plugs are fully inserted or attached.

Bed frame and sleeping surface

- Visually check all welds.
 - Head section
 - Foot section
 - Main frame
- Check joints between sleeping surface sections and frame.

Cleaning

- The metal parts of the bed are covered with a powder coating. Clean all exposed parts with mild detergent and warm water. Periodically take head and foot sections of the bed and wipe down from top to bottom. Periodically rotate mattress and clean mattress deck.

Lubrication and Adjustment

- Lightly grease all roller wheels with white lithium grease.
- Lubricate all roller rollers and roller bearings with light machine oil.
- Check all bolts and tighten as needed.

WARRANTY

Lifetime Lifetime

One year warranty on all components

During the warranty period, all repairs will be required or requested at

Our option at no



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