



Home Care Bed

Full Electric Bed & Semi Electric Bed



GENERAL WARNINGS

Notices in this manual apply to hazards or unsafe practices which could result in personal injury and/or property damage.

To ensure user safety in operating this Home Care Bed, all warnings, safety information and instructions must be followed. Failure to do so may result in serious bodily injury or damage to the bed.

Once assembled for operational use, if any part of the bed is not working properly, call a qualified technician to examine and repair it.

Routine cleaning and electrical inspection should be performed by the user.

All repair and maintenance on the bed should be performed by a qualified technician. After any adjustments, repair or service and **BEFORE** use, make sure all attaching hardware is tightened securely.

Note to Technicians: Do not service the bed without first reading and understanding this owner's assembly and operating manual.

If you are unable to understand the warnings, cautions or the instructions, contact an authorized customer service sales rep or dealer before using this equipment, otherwise injury or property damage may result.

OPERATIONAL CAUTIONS

Inspect all parts for shipping damage before assembly and use.

In case of damage to any part of the bed's components, do not use that part.

Contact the shipping carrier immediately for instructions on reporting concealed shipping damage.

Close supervision is necessary when this product is used by or near children or physically challenged individuals.

Assembly: Ensure that the head and foot spring sections are securely locked to each other and to the head and footboards **BEFORE** use.

After assembly, test to make sure that all of the bed sections are properly and securely installed and operate correctly **BEFORE** use.

Ensure that the pendant and power cords are routed and secured properly so that the cords do not become entangled, pinched and/or severed during operation of the electric bed or inhibit maneuvering around the bed. **NEVER** operate the bed if these cords are damaged.

Ensure the mattress is centered on the frame. This will minimize the risk of the occupant becoming trapped between the mattress and any bed rail being used.

To prevent casters from moving whenever the bed is stationary, ensure the bed caster locks are properly engaged.

ALWAYS lock the caster locks when transferring into or out of the bed. Inspect the caster locks **BEFORE** using the bed to ensure the locks function adequately.

Even with casters properly locked, some floor surfaces will allow the bed to move under some conditions. Use of the bed on such floor surfaces must be evaluated by the care provider.

GENERAL WARNINGS

ELECTRICAL WARNING

Ensure all cables and cords are routed in a way that they will not become entangled, pinched, or run-over.

NEVER plug into an outlet that is greater than 120 Volts AC.

NEVER operate the bed if it has a damaged cord or plug. If the bed is not working properly call a qualified technician.

Unplug the power cord from the wall **BEFORE** performing any maintenance on the bed. After installing any connectors into the junction box, be sure the cable plug is secure, otherwise injury or damage may occur.

DO NOT force connectors into the junction, otherwise injury or damage may occur.

Keep all cords away from heated or hot surfaces (i.e. radiators, heating pads, portable gas heaters).

DO NOT open assemblies such as the motor, hand pendant, junction box or electrical control box. There are no user serviceable parts inside these components. Only trained service personnel are qualified to repair these parts. **If uncertified individuals perform any work on these beds, the warranty is voided.**

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 electric bed, unplug the bed immediately before cleaning. Clean up the spill and let the bed or area dry thoroughly before using the electric controls again.

When the bed is not used for an extended period, **UNPLUG** the cord from the wall outlet.

WEIGHT WARNING

The total weight capacity is 450 lb. excluding additional weight from rails, mattress and other accessories. Suggested patient weight capacity is 400 lb.

NEVER permit more than one 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 the patient's entire body weight is placed only on the raised head or foot sections of the bed. This includes when repositioning or transferring a patient in or out of bed.

POSITIONING THE BED

NEVER PERMIT ANYONE TO BE UNDER THE BED OR IN BETWEEN THE RAISED BED FRAME COMPONENTS AT ANY TIME.

Be sure that the bed is free and clear of all obstructions for full range of motion. Damage to the unit and wall will occur if the bed contacts the wall, chair rail or other obstruction while in motion.

Be sure to check that all cords are not pinched, stretched, or in any way stressed. Never wind cords around the bed or other objects to compensate for excess cord length. Never allow cords to fall under the casters.

The bed is not designed to be used as a patient transport. When transporting a patient, use an approved patient transport, otherwise injury or damage may result.

When operating the bed, always ensure that the individual in the bed is properly positioned within the bed.

DO NOT allow extremities to extend beyond the sides or between the bed rails when performing these functions.

Keep the bed a minimum of 12" (30.48 cm) away from any direct heat source or wall.

GENERAL WARNINGS

ACCESSORY CAUTIONS

Improper use of some bed accessories (patient restraints, side rails, trapeze devices, etc.) can cause patient injury or death. Consult a health care professional or the accessory manufacturer for proper use instructions.

Keep all moving parts and all drive shafts free of obstructions during operation of the bed. (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, legs or optional side rails).

If using optional bed side rails, check to ensure they are properly and securely installed **BEFORE** using the bed.

Individuals that cannot prevent themselves from rolling/climbing out of the bed may require alternative safe means of restraint.

Optional side rails are **NOT** intended to be used as a restraint and may be used only if they are necessary to treat a resident's medical symptoms, which are documented in the resident's medical record. A physician or healthcare professional should be consulted for an alternative means of safe restraint.

Replacement mattresses and bed rails with dimensions different than the original equipment supplied or approved may not be interchangeable. Variations in bed side rail design, and thickness, size or density of the mattress could lead to entrapment. Use **ONLY** authorized replacement parts and accessories.

OXYGEN WARNING

Ensure that ignition sources are minimized near combustible/explosive gases and materials.

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

Use **ONLY** mask or nasal type oxygen administering equipment around the bed. The use of any other type of oxygen administering equipment can result in a fire hazard.

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 the bed.

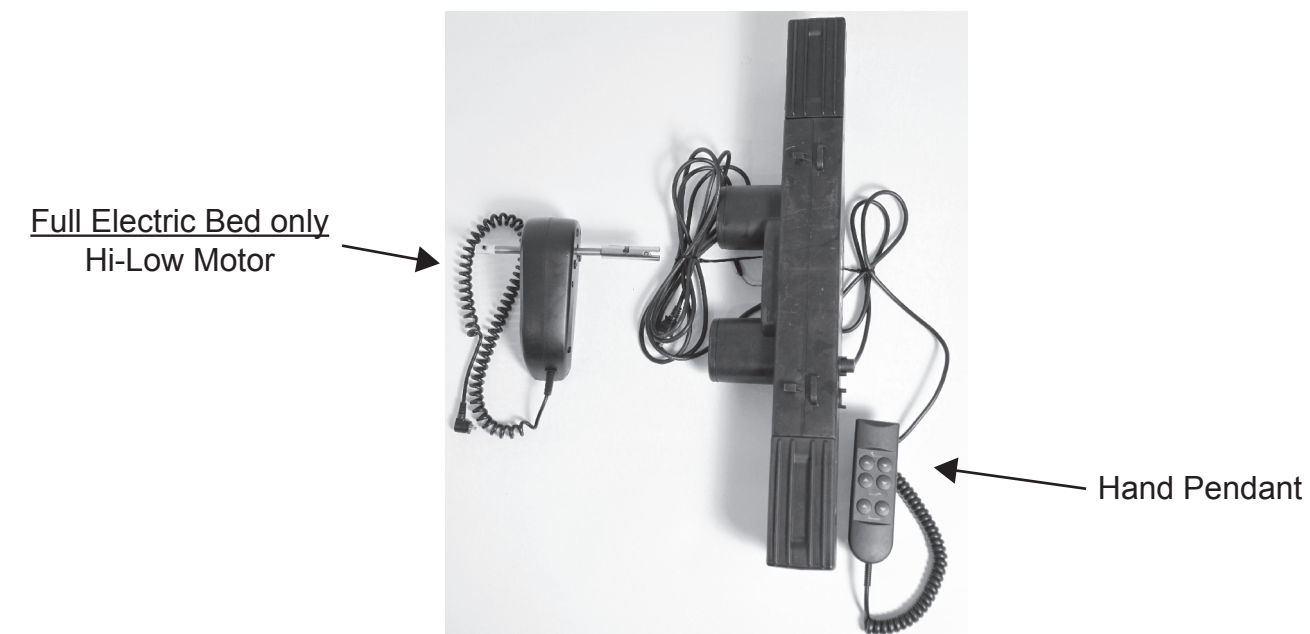
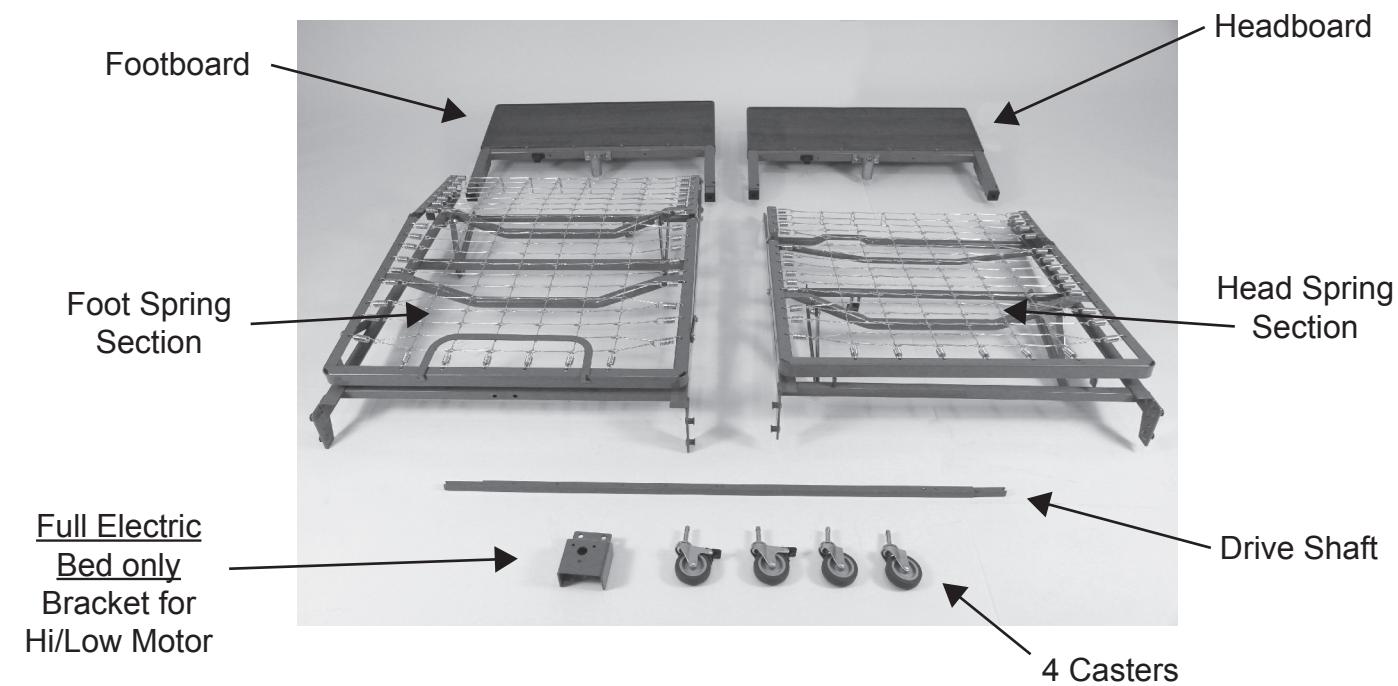
DISASSEMBLY OF THE BED

When disassembling the bed, make sure all parts are in the lowest position.

PRODUCT LIST & DESCRIPTION

The Home Care Bed will arrive in two boxes with the following contents:

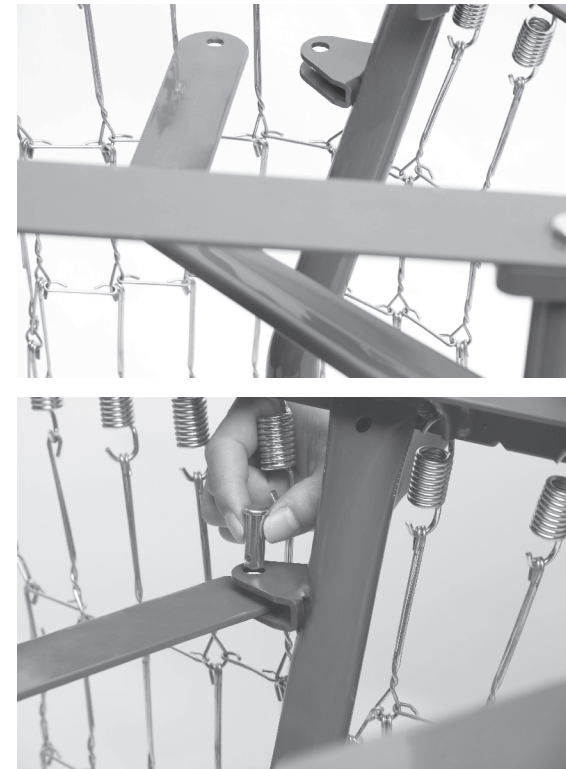
- 1 Instruction Manual
- 1 Headboard
- 1 Head Spring Section
- 1 Drive Shaft: length adjusts to adapt for Full Electric or Semi Electric models
- 4 Casters (2-locking, 2-non-locking)
- 1 Footboard
- 1 Foot Spring Section: Semi Electric Model includes a motor box only; Full Electric Model includes a motor box, a Hi/Low motor, and an adaptor
- 1 Bracket for Hi/Low motor (Full Electric model only)
- 1 Hand Pendant
- 1 Gearbox (not pictured)



BED ASSEMBLY

PRIOR TO CONNECTING THE TWO FRAMES

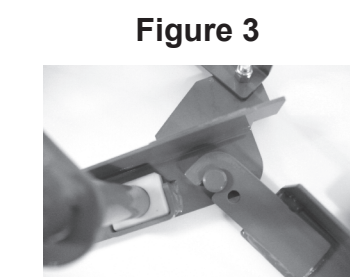
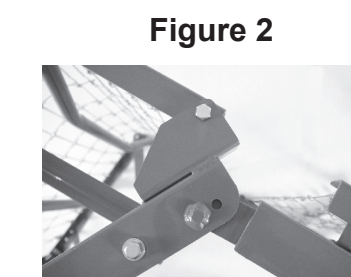
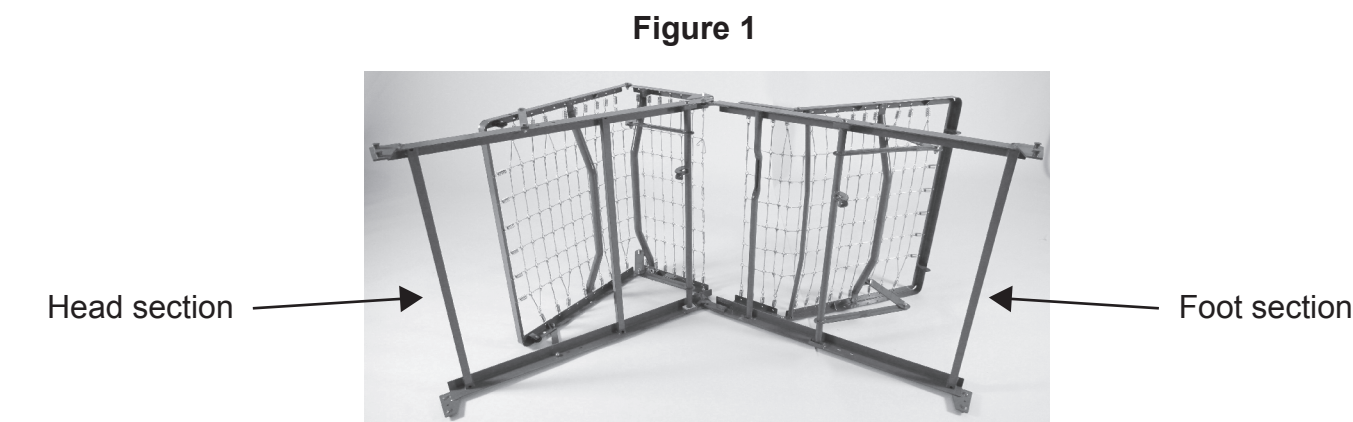
1. Remove the clevis and cotter pins from the U-shaped bracket on both sides of the drive shaft at the foot section.
2. Align the U-shaped bracket with the holes on the lifting plate and insert the clevis pin through the mounting hole.
3. Secure the clevis pin with cotter pin. Repeat step 2 and 3 on the other side.



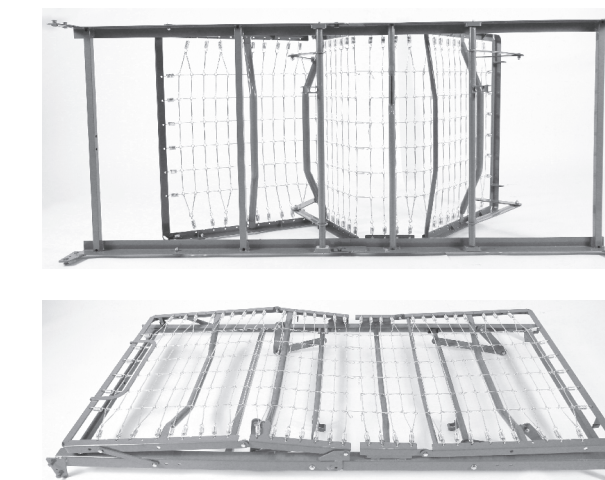
4. Repeat the procedures on the head section.

BED ASSEMBLY

CONNECTING THE TWO FRAMES



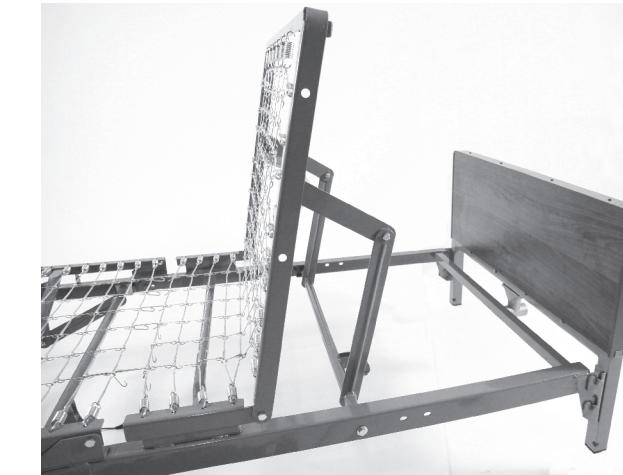
1. Remove the bolts fastened to the sides of the Foot Spring Section near the connecting end of the frame.
2. Place the Head Spring Section on its side to your left with the center mounting hooks to the right. (See figure 1)
3. Place the Foot Spring Section on its side to your right with the head frame pull tube at the top of the assembly and the center mounting rivets facing to the left.
4. The crank handles and/or motors should be at your right.
5. The head and foot springs should now be on their sides at approximately a 90° angle to one another.
6. Hook the head spring center mounting hooks to the foot spring center mounting rivets. (See figures 2 and 3)
7. After head and foot springs are connected, slowly open the frame sections into a horizontal (straight) position while still on their sides. Make sure the hooks remain engaged on the rivets at all times.
8. Lay the bed flat with the springs facing up.



BED ASSEMBLY

CONNECTING THE SPRING "FABRIC"

1. With the bed flat and the springs facing up, lift the head spring section upward to give slack to the spring "fabric."



2. Connect the spring "fabric" together with the links provided.



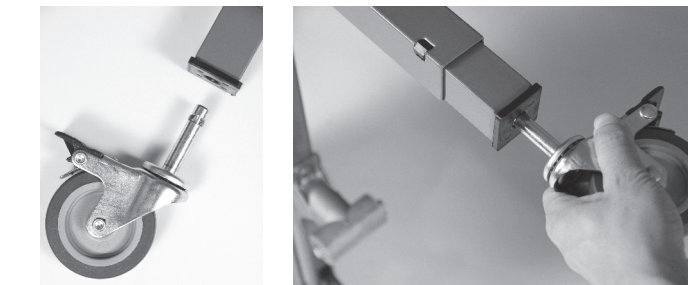
3. Hook together all the links to the spring "fabric."



INSTALLING THE CASTERS

CAUTION: Ensure that the locking casters are installed diagonally from each other and are locked. This will provide maximum locking security.

1. Position the two locking casters so they will be diagonally opposite from one another when the bed is assembled.
2. Insert the shaft of the caster into the caster socket of each bed leg. Ensure the stem is fully inserted into the socket.



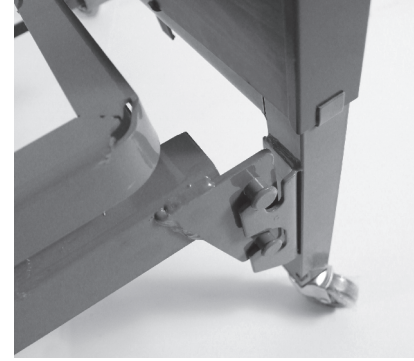
3. To prevent excess movement of the bed during assembly, lock each of the two locking casters by pushing down on the caster lock. **NOTE:** Locking the casters may not prevent the bed from moving on slick or slippery surfaces.
4. To unlock the two locking casters, pull up on the caster lock.

BED ASSEMBLY

INSTALLING THE HEADBOARD AND FOOTBOARD

CAUTION: Do not place your hand between the spring section and the bed ends while attaching the bed boards as injury may occur.

- Stand the headboard section as close to the head frame as possible.

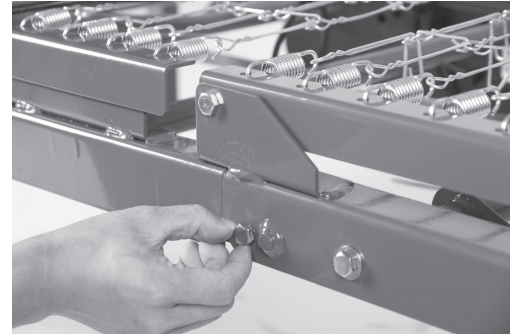


- Raise the head frame until the rivets on the corner plates of the head frame fit into the corner locks on the headboard. The headboard may need to be tilted backward slightly for the rivets to slide into the locks.
- Return the headboard to its full upright position to lock it into place.

- Insert a clevis pin through the hole between the two rivets to lock the platform and the head frame together. Secure the pin with an R-clip. Repeat the procedure on the other side.



- Repeat steps 1-4 for the "Footboard" section.
- Re-insert the bolts that were removed from the Foot Spring Section under Step 1 of "CONNECTING THE TWO FRAMES", secure with nuts.



BED OPERATION

Hand Control Pendant: Semi Electric & Full Electric Beds



Semi Electric Hand Pendant



Full Electric Hand Pendant

BATTERY BACKUP

In the event of a power failure, the standard 9 volt battery in the motor:

- Will allow the user to **lower the head and foot** sections of the bed.
- Will **NOT** allow the bed's motor to **lift the head or foot sections.**

NOTE: Periodically replace the battery.

INSTALLING THE ELECTRIC MOTOR UNIT

HEAD/FOOT ELECTRIC MOTOR UNITS

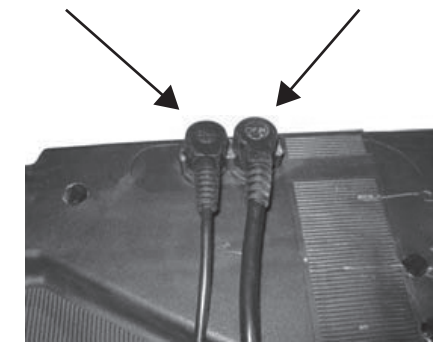
- Before installing:

- Semi Electric Bed: Make sure the hand pendant cable is plugged into the motor.



- Full Electric Bed: Make sure the hand pendant and the Hi/Low Motor cables are plugged into the motor.

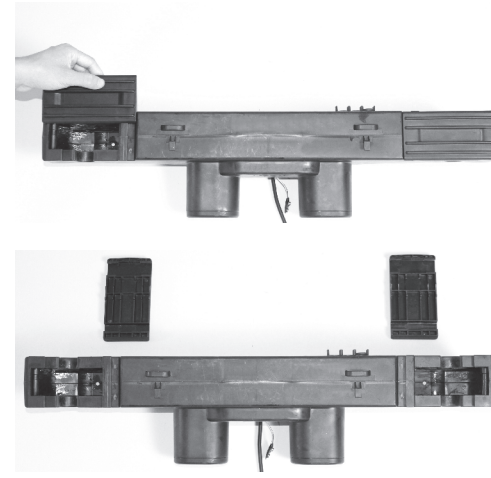
Hi/Low Motor Cable Hand Pendant Cable



- Connect the 9V battery (not included) to the battery clip on the motor. It is stored in the recess on the side of the motor. With the battery installed, the motor can be operated to return the sleep surface to the horizontal position in the event of a power failure.

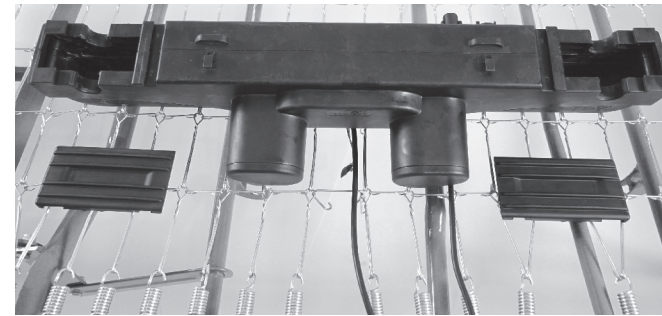


- Locate the slide caps. Remove the slide caps from both ends of the motor.



- Prior to installation, make sure the 2 motor blocks are in the retracted position.

Motor Blocks



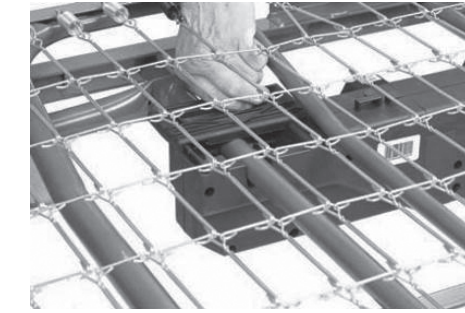
- Full Electric Bed Only: Insert the adaptor into the clip.



INSTALLING THE ELECTRIC MOTOR UNIT

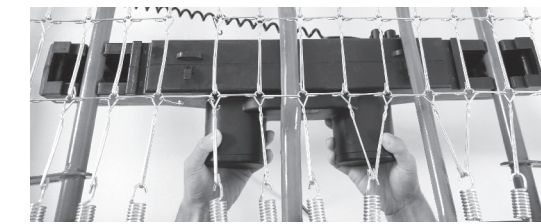
ALIGNING AND MOUNTING THE MOTOR

- With the motor oriented properly underneath the bed (head to head, foot to foot), align the motor with actuator bar and lift the head spring to the highest position. The motor will automatically be pulled towards the bed and lock onto the actuator.

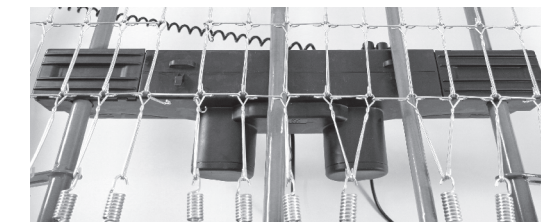


- Once the head side of the motor is attached to the head section of the bed, return the head section to the flat position.

- Once flat, attach slide caps to the head section of the motor and slide it into place. Repeat for foot section.

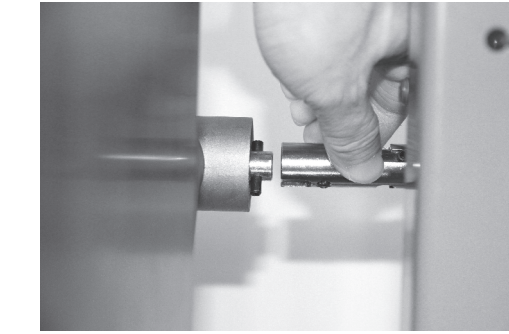


- Completed Assembly



INSTALLING THE HI/LOW MOTOR ON THE FULL ELECTRIC BED

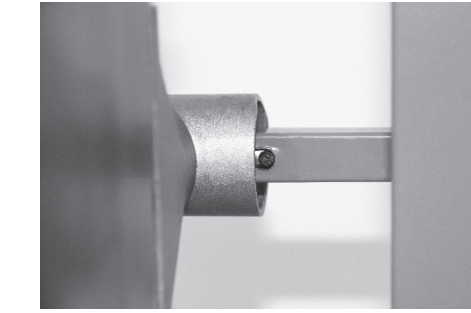
- Make sure the slot on the Hi/Low Motor engages the roll pin on the gearbox axle.



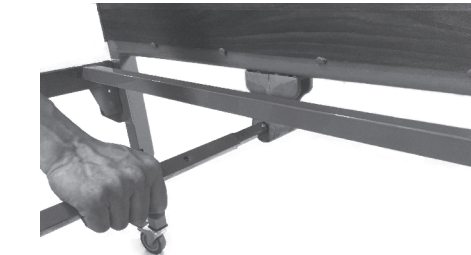
INSTALLING THE CENTER DRIVE SHAFT

INSTALLING THE CENTER DRIVE SHAFT

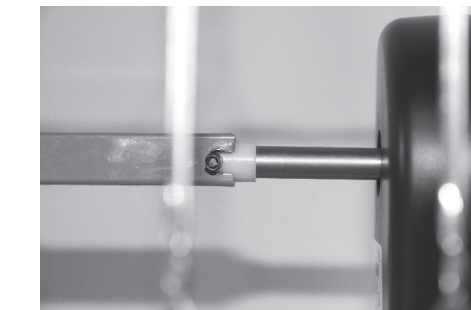
- Connect the drive shaft assembly to the bed by first attaching either side of the drive shaft to the headboard gearbox.
- For the Semi Electric Bed:** Attach the other end to the footboard gearbox.
For the Full Electric Bed: Attach the other end to the footboard Hi/Low Motor.



Headboard Gearbox



Footboard Gearbox for Semi Electric Bed only



Hi/Low Motor for Full Electric Bed only

