

# homecare bed

FULL ELECTRIC AND SEMI-ELECTRIC LOW BED

Model # 15230 & 15235



## user manual

READ THESE INSTRUCTIONS BEFORE  
OPERATING THE DRIVE HOMECARE LOW BED

SAVE THESE INSTRUCTIONS FOR FUTURE USE

**drive**  
MEDICAL DESIGN & MANUFACTURING  
[www.drivemedical.com](http://www.drivemedical.com)

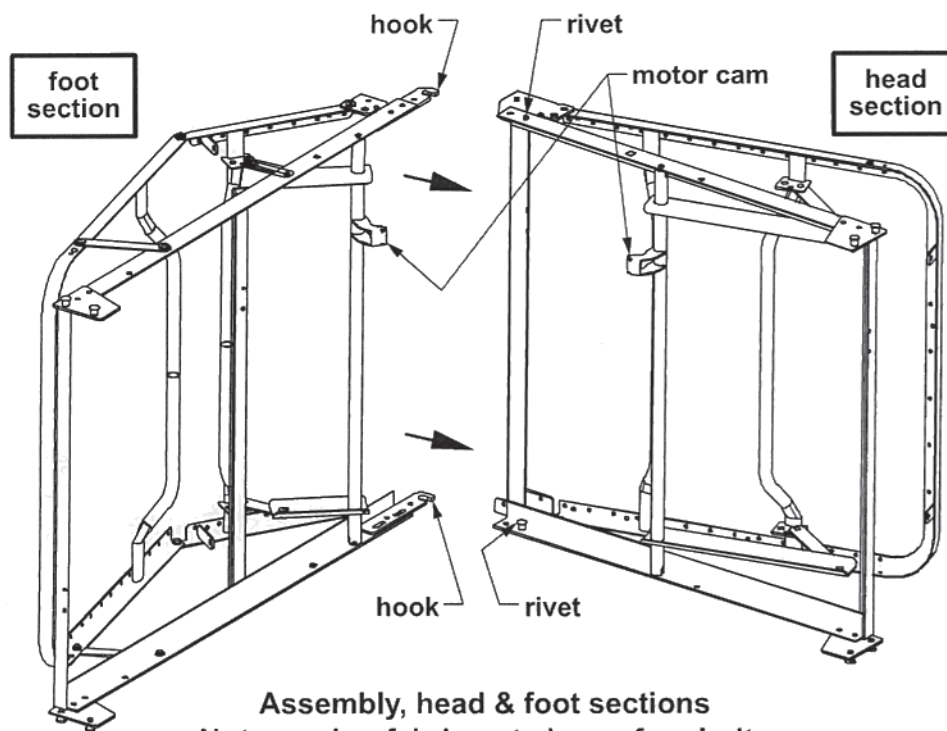
## **WARNING / CAUTION SUMMARY**

- WARNING: KEEP HANDS AND FEET CLEAR OF ALL MOVING PARTS.**
- WARNING: DO NOT ALLOW SMALL CHILDREN ON OR NEAR BED DURING OPERATION**
- WARNING: DO NOT ALLOW THIS DEVICE TO BE OPERATED BY SMALL CHILDREN.**
- WARNING: WHEN OPERATING THE HI/LO, KNEE, OR BACK FUNCTION OF THE BED, ALWAYS ENSURE THAT THE INDIVIDUAL CONFINED TO 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 ANY FUNCTIONS.**
- CAUTION: DO NOT USE UNAUTHORIZED SIDE RAILS. INSTALL SIDE RAILS PER MANUFACTURER'S INSTRUCTIONS.**
- CAUTION: WARNING/CAUTION LABELS APPLIED TO THE BED OUTLINE HAZARDS OR UNSAFE PRACTICES THAT COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE.**
- CAUTION: PENDANT HAND CONTROL CORD MUST BE ROUTED AND SECURED PROPERLY TO ENSURE THAT CORD DOES NOT BECOME ENTANGLED AND EVENTUALLY SEVERED DURING USE. MAKE SURE ELECTRIC CORDS DO NOT GET TANGLED AROUND THE BED, SIDE RAILS OR LEGS DURING NORMAL OPERATING OF THE BED.**
- CAUTION: 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 BED.**
- CAUTION: BEFORE OPERATING, ENSURE THAT THE BED FRAME RIVETS ARE PROPERLY SEATED IN THE BED END HOOKS: OTHERWISE INJURY OR DAMAGE MAY RESULT.**
- CAUTION: KEEP ALL MOVING PARTS FREE OR OBSTRUCTIONS (I.E. BLANKETS/SHEETS, HEATING BLANKETS/PADS, TUBING, WIRING, AND OTHER TYPES OF PRODUCTS.**

# ASSEMBLY INSTRUCTIONS

## HEAD AND FOOT ASSEMBLY

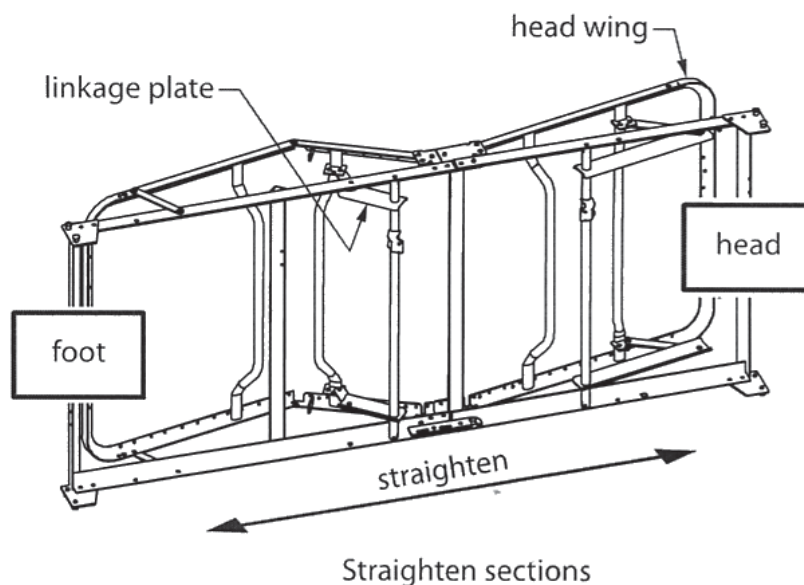
1. Lay the head and foot sections on their sides at approximately right angles to each other with motor clamps up, as shown below.



2. Slide the head and foot sections together until the foot section's hook catches the head section's rivet on both sides.

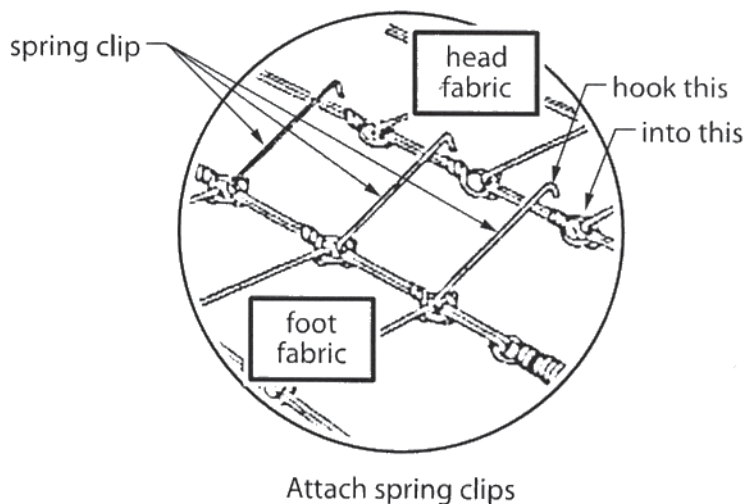
## ASSEMBLY INSTRUCTIONS

3. Straighten head and foot and position as shown below. Position head wing as shown below.



**CAUTION: WHILE BALANCING FRAME, DO NOT ELEVATE KNEE TOO FAR, OR LINKAGE MAY OVER-EXTEND AND LOCK. IF LINKAGE LOCKS, MANUALLY ELEVATE KNEE TO STRAIGHTEN OUT LINKAGE AND PUSH LARGE LINKAGE PLATE TOWARD FOOT OF BED.**

4. Attach foot fabric to head fabric: Attach the foot fabric spring clips to the head fabric as shown below.



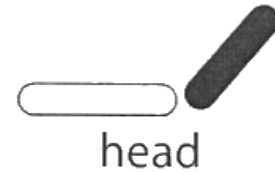
**CAUTION: ENSURE THAT HEAD AND FOOT SECTIONS AND SPRING FABRIC ARE ASSEMBLED AS DESCRIBED ABOVE BEFORE CONTINUING WITH BED ASSEMBLY.**

# ASSEMBLY INSTRUCTIONS

## MOTOR ASSEMBLY

**CAUTION:** ASSEMBLE MOTOR ON BED AS FOLLOWS; INCORRECT INSTALLATION COULD CAUSE BED TO MOVE IN UNEXPECTED WAYS. MOTOR CAN BE INSTALLED BACKWARDS.

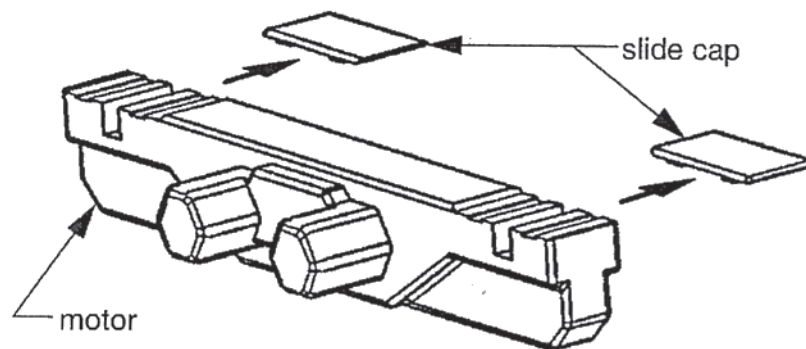
**NOTE:** MOTOR IS EMBOSSED WITH HEAD AND FOOT SYMBOLS (SHOWN AT RIGHT) AT END OF MOTOR.



## REMOVE MOTOR SIDE CAPS

1. Remove the slide caps from both ends of the motor as shown below. Plungers should be recessed in motor cavities; if not, operate “down” function on the pendant hand control.

*NOTE: Motor comes from factory with pendant hand control plugged into motor.*



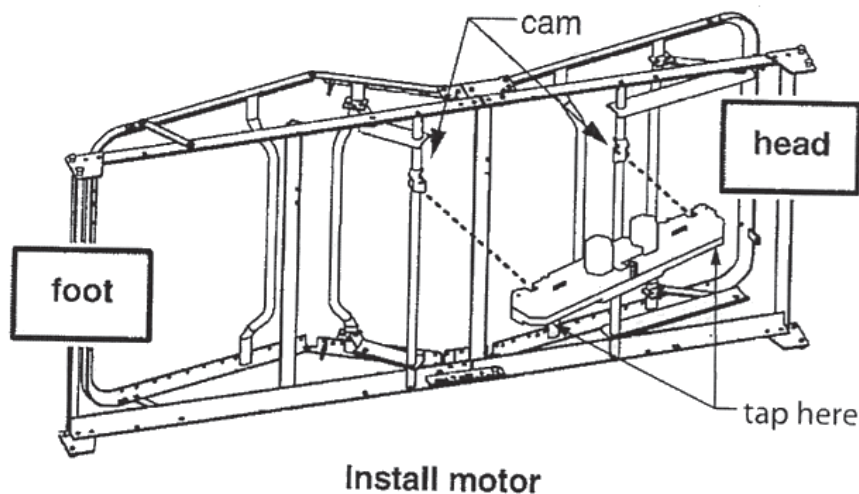
Remove motor slide caps

2. Install 9V backup battery (not provided) and slide into storage area.

# ASSEMBLY INSTRUCTIONS

## INSTALL MOTORS

3. Hold the bed securely, positioned with motor cams up, as shown below.
4. Position the motor over both cams.
5. Tap either end of the motor housing (shown below) with enough force to snap the motor assembly into position on the cam.  
Note: This is a bearing surface requiring a tight fit; it may require a hardy hit with palm of hand to snap over motor tube.
6. Repeat step 5 for other end of motor.



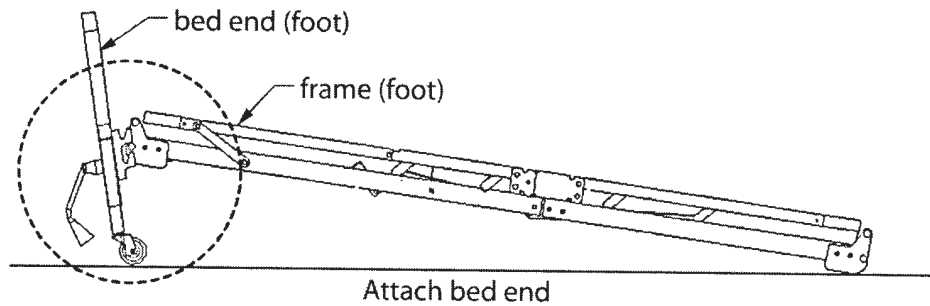
## INSTALL MOTOR SLIDE CAPS

7. Position the caps as shown on page 9 so that the grooves in the slide cap are aligned with the grooves in the motor.
8. Apply straight downward pressure to each end of the cap while sliding into the closed position.
9. Repeat step 8 for the other cap.
10. Ensure that all four corners of each slide cap are engaged.

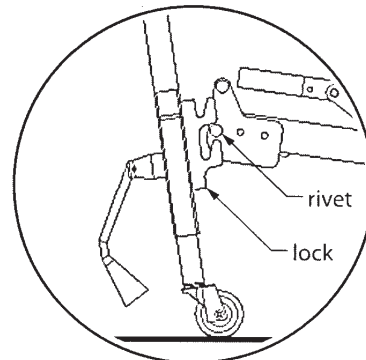
# ASSEMBLY INSTRUCTIONS

## FULL-ELECTRIC AND SEMI-ELECTRIC BED (ALL MODELS)

1. Standing directly in front of the foot bed end, position it as close to the bed as possible.
2. With one hand, reach over end and lift up bed.
3. Tilt the bed end slightly back toward you.

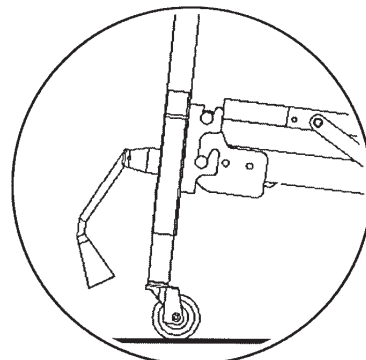


4. Engage lower rivet slightly with corner lock and tilt end toward bed.



Engage lower rivet

5. Lower bed onto corner lock.



Lower bed onto lock

6. After bed ends have been attached, install bed end safety pins to act as safety latches

# ASSEMBLY INSTRUCTIONS

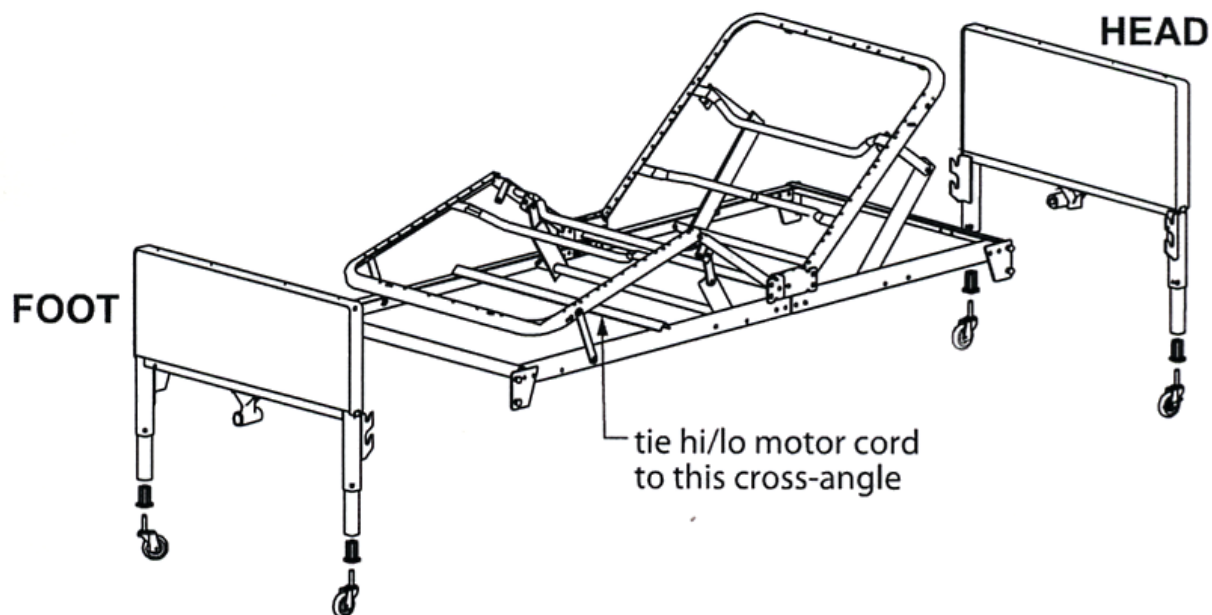
## FULL-ELECTRIC BED ONLY

After installing foot end, you may have to shift bed frame slightly in bed end hooks to ensure proper horizontal alignment with motor coupling and end gearbox shaft.

When coupling and shaft are aligned, unlock spring-loaded coupling. Coupling may not snap into groove until motor is rotated with pendant hand control after bed is assembled.

Plus hi/lo motor into actuator assembly, being careful to route cord with the nylon tie strap provided under fixed base frame cross-angle (as shown below) to ensure clearance with hi/lo drive shaft. The motor plug is located next to the pendant hand control plug on the actuator.

**NOTE: Do not tie motor cord to movable knee section crosstube.**



## FULL-ELECTRIC AND SEMI-ELECTRIC BED

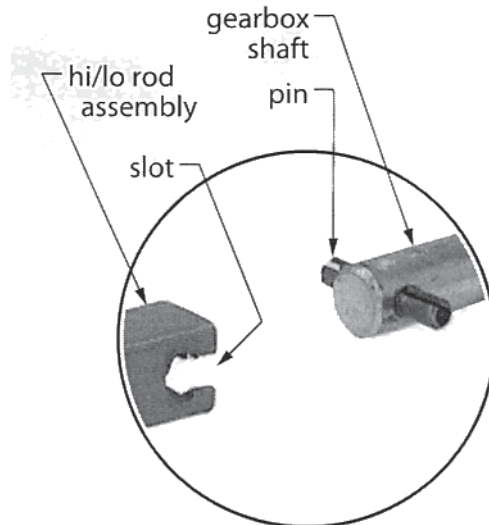
7. Repeat steps 1-6 for head bed end.



# ASSEMBLY INSTRUCTIONS

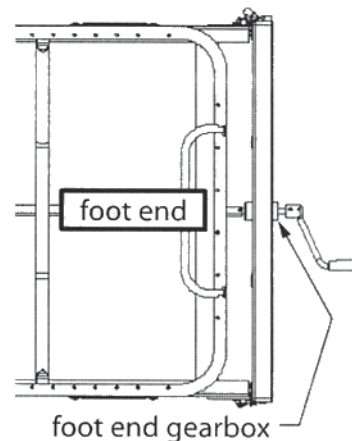
## FULL-ELECTRIC AND SEMI-ELECTRIC BED

Both ends of the hi/lo rod assembly have a slot to mount on the foot end and head end gearbox shaft pins (see picture at right). Follow steps 2-3 to mount the hi/lo rod assembly on the gearboxes.



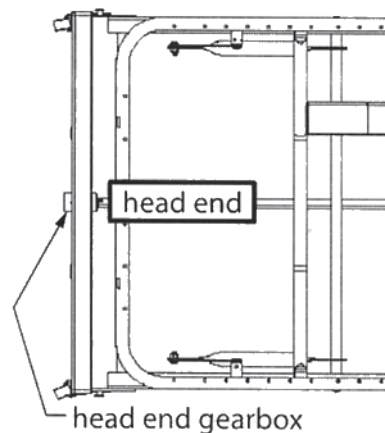
Attach hi/lo rod assembly to gearbox

2. Connect the hi/lo rod assembly to the bed: Attach either end of hi/lo rod assembly to the foot end gearbox.



Attach hi/lo rod assembly to foot end gearbox

3. Attach other end of hi/lo rod assembly to head end gearbox.

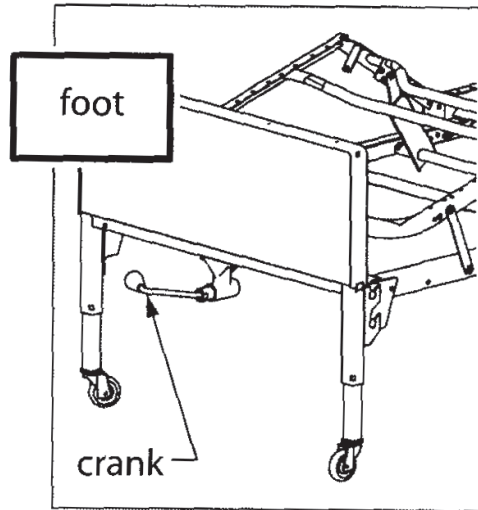


Attach hi/lo rod assembly to head end gearbox

# OPERATION INSTRUCTIONS

## CRANK OPERATION (SEMI-ELECTRIC BED ONLY)

Use the crank at the center foot of the semi-electric bed to change bed height (raise or lower entire deck).



Crank operation

# MAINTENANCE AND SAFETY CHECKS

Drive recommends the following maintenance and cleaning procedures be conducted between users and at least once every three (3) years. This form is provided as a guide to help with documentation.

## 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 hand control cord
- Check to make sure all plugs are fully inserted or attached.
- Check to make sure all wires are routed and attached properly so not to interfere with any moving parts.

## 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 foot sections of the bed and remove dust from frame. Also, periodically remove mattress and clean mattress deck.

## LUBRICATION AND MECHANICAL

- Lubricate all caster roller and swivel bearings with light machine oil.
- Check all bolts and tighten as needed.

# WARRANTY

**WEIGHT LIMIT: 450 LBS.**

## WARRANTY

**Lifetime on frame**

**Two Year warranty on all components.**

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

**Drive's option at no charge.**



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