

Delta 1000

Ultra Light Plus, Semi Electric Bed

Item # 15030

Owner's Assembly And Operating Manual



Assembly Instructions

Confirm that all parts are present.

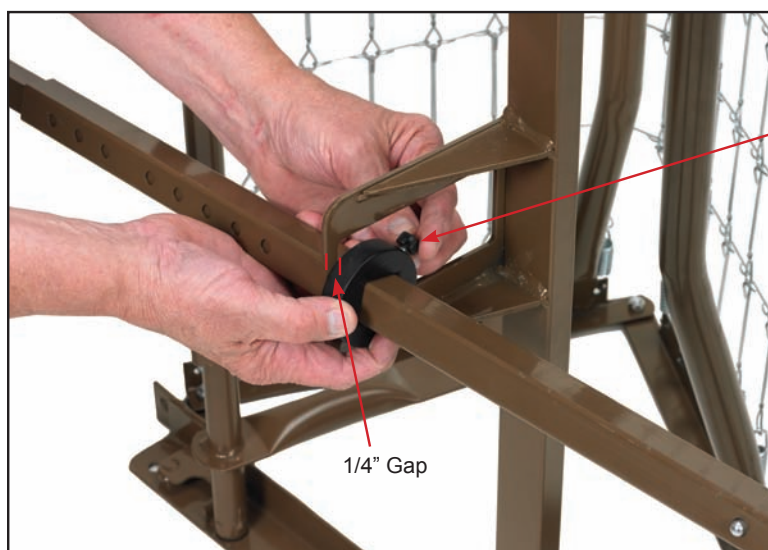
- A. Foot Spring
- B. Head Spring
- C. Head Board
- D. Foot Board
- E. Hi/Low Shaft
- F. Locking Pins
- G. Motor
- H. Hand Crank (attached to foot board for shipping)
- I. Casters (4) - 2 locking, 2 non-locking
- J. Spring Clips (2)
- K. Hand Pendant



Assembly Instructions Cont.



1. Install drive shaft onto foot section.



Thumb Screw

1/4" Gap

2. The lock collar comes pre-set from the factory. Ensure that it is 1/4" - 1/2" away from hanger bracket. If not, slide lock collar 1/4" from the foot side of the hanger bracket as shown. Tighten thumb screw.

Note: The rail is marked full or semi as a guide.



3. Connect the head spring by aligning with foot spring and swinging both ends away from each other. (Continued on next page)

Assembly Instructions Cont.

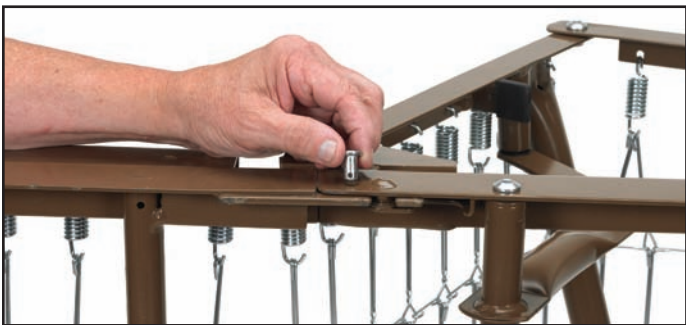


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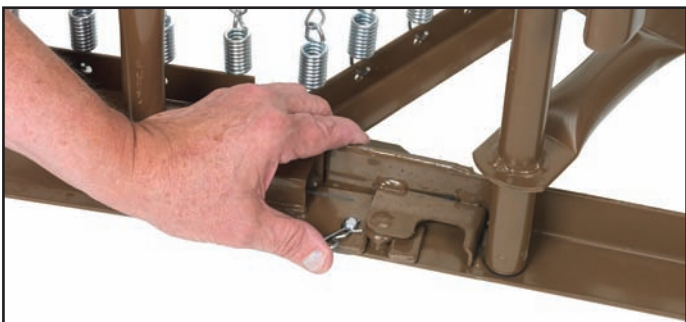


4. With bed on side extend the shaft until it reaches the full length of bed.
 - a. NOTE: The shaft adjustment holes are marked to indicate the style (semi/full) of bed the shaft is being installed on.

Assembly Instructions Cont.



5. Optional: Insert lock pin through connected sleep surface and secure with spring clip.



- 5A. Connect head section and foot section by squeezing together and attaching with spring links. Pull up the head section and foot section to release tension between the springs.



HAND CONTROL

The Competitor bed comes with a hand control that will illuminate when the bed is plugged into a grounded or polarized wall outlet, or with 9V battery (sold separately) installed in the hand control. The hand control will illuminate as long as the wall or battery has power. With this battery installed, the motor can be operated to return the sleep surface to the horizontal position in the event of a power failure.

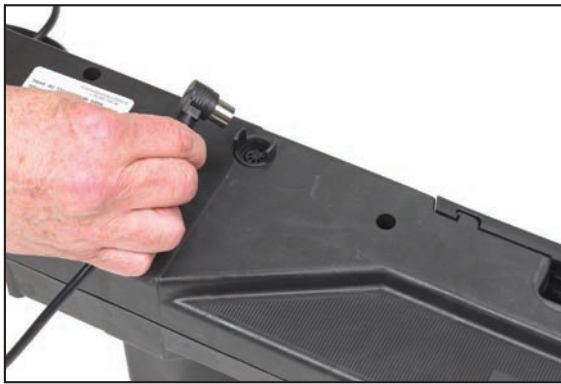


Assembly Instructions Cont.



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NOTE: Before installing motor, plug hand pendant cable into motor as shown



6. Connect the 9V battery (sold separately) to the battery clip on the motor. It is stored in the recess under the motor cover. With this battery installed, the motor can be operated to return the sleep surface to the horizontal position in the event of a power failure.



7. To install motor, remove locking caps on top of the motor.

Assembly Instructions Cont.

There are two methods for the installation of the motor

Method A

The motor is installed on the bed frame when the frame is standing on its side.



Installation instructions can be found on pages 8-9.

Method B

The motor is installed from underneath the bed frame (horizontal to the ground)



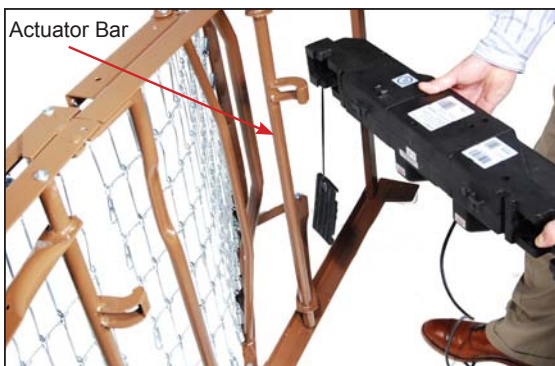
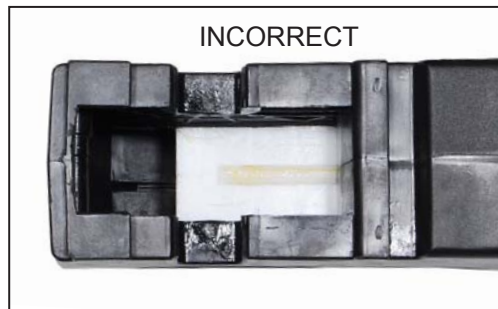
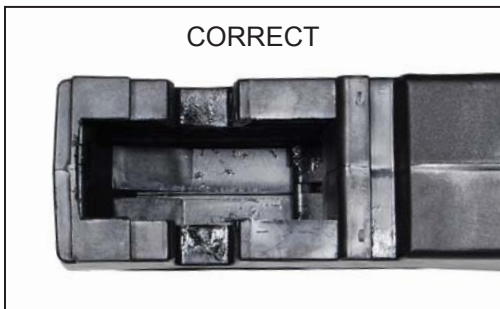
Installation instructions can be found on pages 10-11.

Assembly Instructions Cont.

Method A

Installation of the motor when bed frame is on its side

A1. Prior to installation, make sure that the 2 white motor blocks are in the retracted position.



A2. Align the opening on the head end of the motor with the flange on the head section of the bed and insert the flange into the motor compartment.



A3. With the palm of your hand, snap the motor flush to the actuator bar.



A4. Align the opening on the foot end of the motor with the flange on the foot section of the bed and insert the flange into the motor compartment.

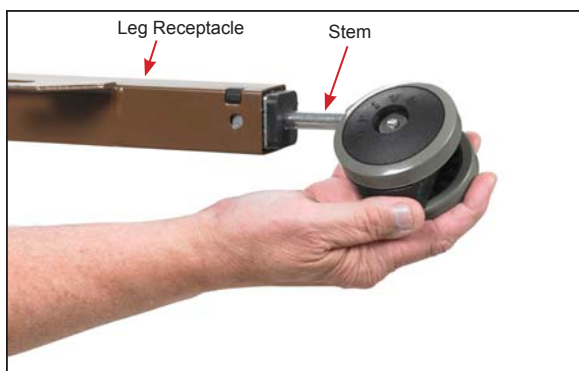
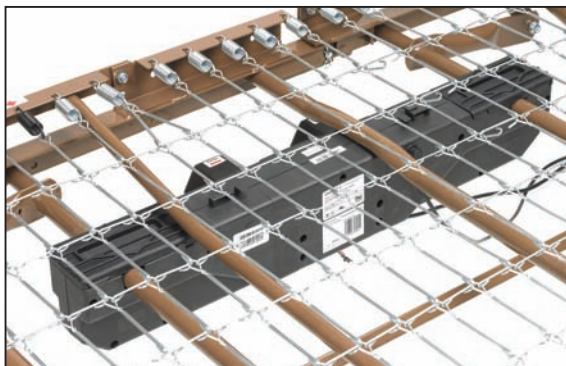
Assembly Instructions Cont.

Method A (Continued)



- A5. With the palm of your hand, snap the motor flush to the actuator bar.

- A6. After the motor is installed, slide locking covers back on motor.



- A7. Install the casters by inserting the stem of the caster into the leg receptacle. It is recommended to install 1 locking caster and 1 non-locking caster on each bed end. The locking casters should be installed diagonally from each other.



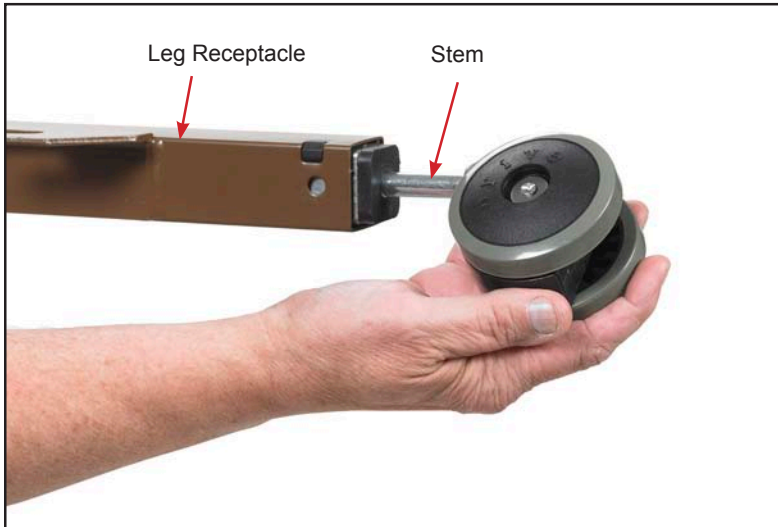
- A8. Attach the foot board and head board as shown.
- a. NOTE: The head section is higher than the foot section. However, they are interchangeable with each other, with all other Drive and other manufacturers head and foot boards.

End Method A
Go To Page 12, Step 8

Assembly Instructions Cont.

Method B

Installation of the motor from underneath the frame

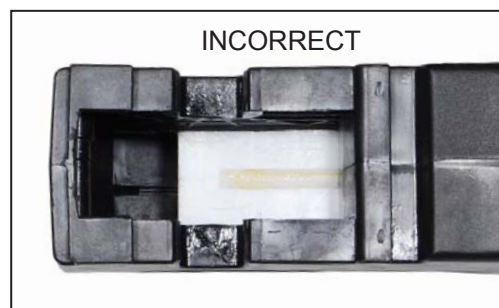
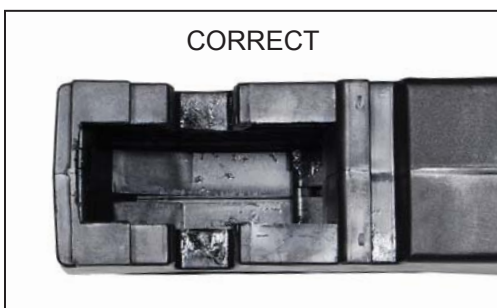


- B1. Install the casters by inserting the stem of the caster into the leg receptacle. It is recommended to install 1 locking caster and 1 non-locking caster on each bed end. The locking casters should be installed diagonally from each other.



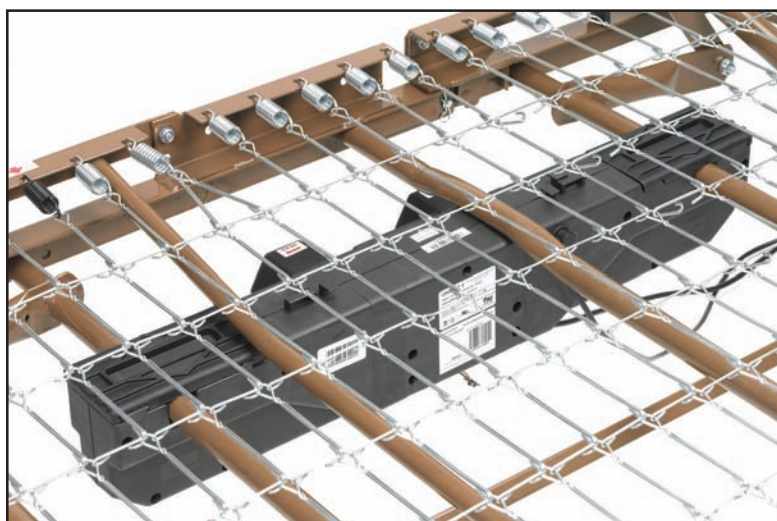
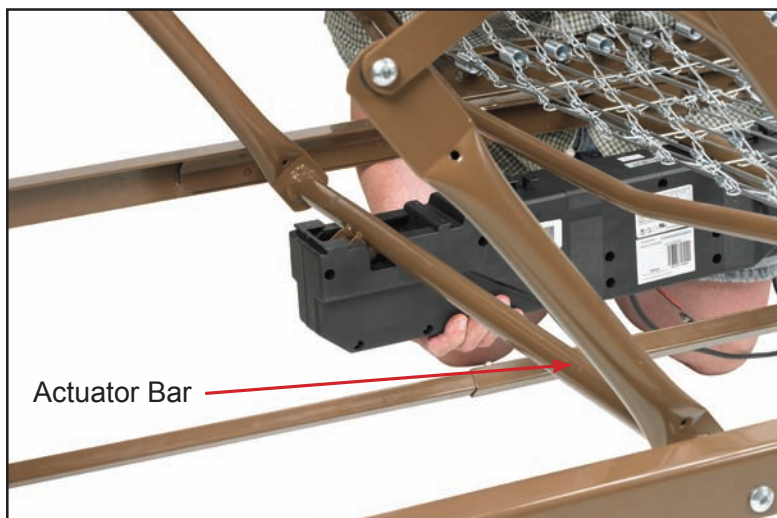
- B2. Attach the foot board and head board as shown.
- a. NOTE: The head section is higher than the foot section. However, they are interchangeable with each other, with all other Drive and other manufacturers head and foot boards.

- B3. Prior to installation, make sure that the 2 white motor blocks are in the retracted position.



Assembly Instructions Cont.

Method B Continued

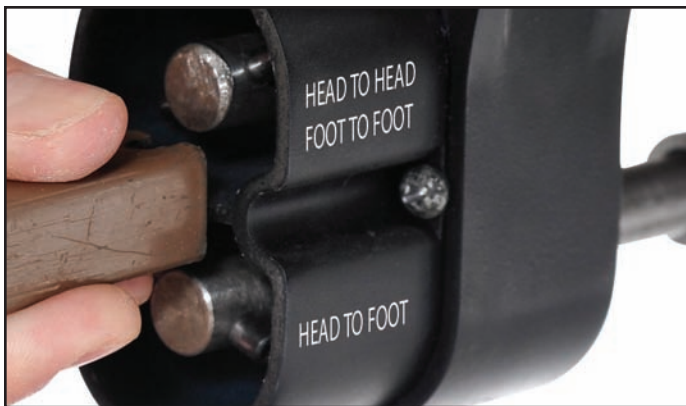


- B4. With the motor orientated properly with the bed (head to head, foot to foot), align the motor with actuator bar and lift the head spring to the highest position. The motor will automatically be pulled towards the bed and lock onto the accuator. Once the head side of the motor is attached to the head section of the bed, return the head section to the flat position. Once flat, attach motor cover to the head section of the motor. Repeat for foot section.

Note: Be sure the head section is attached first.

End Method B

Assembly Instructions Cont.



8. Install Hi/Low shaft to the foot section of the bed by inserting the spring loaded side of the shaft to the bottom receptacle as shown.

- 8A. Based on the bed end configuration, install the shaft into the proper port to ensure correct bed hi/low function.



9. Install the head end of the shaft as shown.

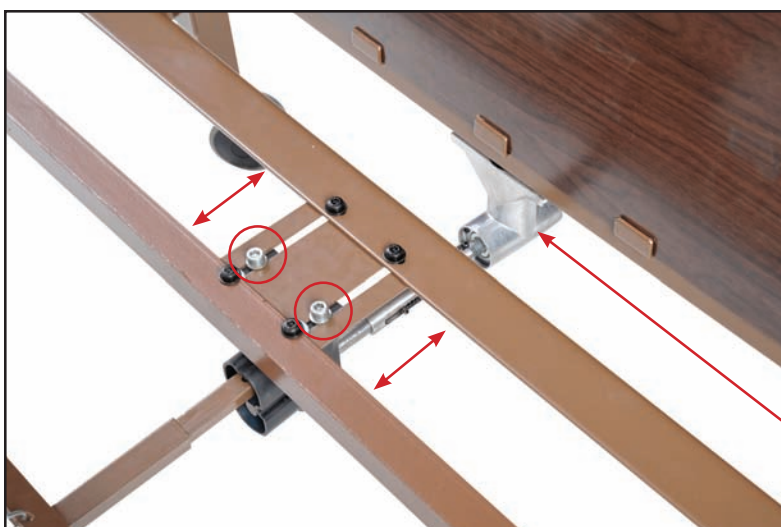
Assembly Instructions Cont.



10. Release the spring loaded shaft on the transition box at the foot end of the spring and insert the shaft into the transition box on the footboard.



Spring Loaded Shaft



NOTE: Transition box is pre-set from factory but if using a non-Drive head or foot board, and the shaft that extends from the crank housing is too long or short, the transition box can be adjusted with a 6mm allen key.

Crank Housing

Bed Rail Installation

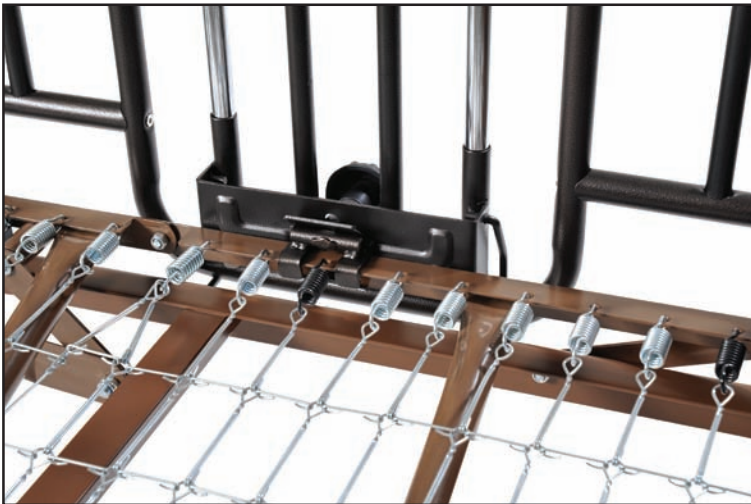
NOTE: USE DRIVE APPROVED RAILS ONLY



11. Attaching Bed Rails

a. Half rails

- The head section features labels on the frame marked, "Attach Half Rails Here" and black springs for proper placement.



b. Full Rails

- The foot and head section have color coded springs, labels and notches in the frame.
- Install the cross brace between the black springs for proper rail placement.



Height Adjustment



12. To raise the height of the bed, remove the crank that is attached to the bottom of the foot board.



13. Insert into the receptacle.

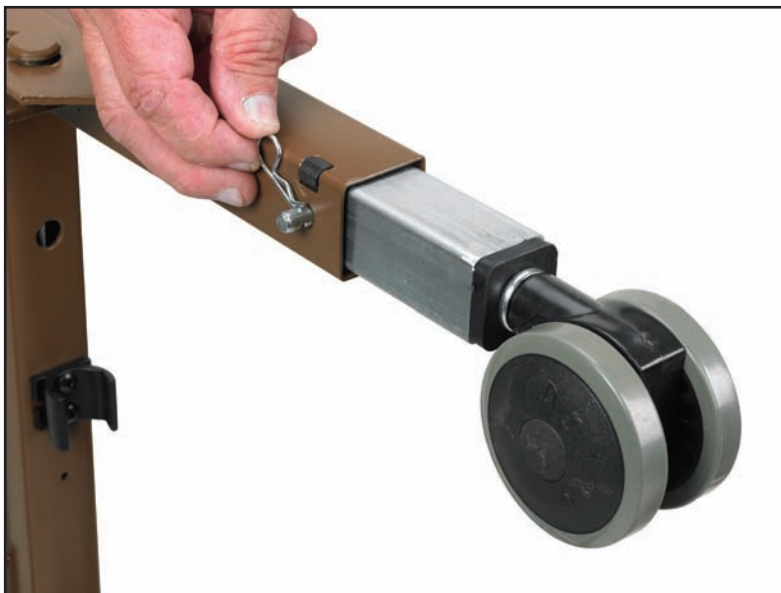


14. Turn clockwise to raise the height of the bed, counter clockwise to lower the height of the bed. Re-attach the crank to the bracket on the bottom of the foot board when not in use.

Optional Fixed Height Adjustment



15. Optional fixed height adjustment with lock pins



16. The four large pins are used if the height of the bed is to be locked at a set height. Set the height of the bed so that the hole in the leg is aligned with the hole in the bed end outer leg. Insert the pin through each of the four legs and install the spring clip on each.



17. Before a mattress is laid on the bed, flip up the mattress guard to reduce the movement of the mattress.

Storage



18. Shown on Bed Storage Transporter with motor attached with storage strap Drive model # 15060.

Maintenance & Safety Checks

Drive recommends the following maintenance and cleaning procedures be conducted between users.

ELECTRONICS

- Check all controls to make sure all functions work properly.
 - Foot control
 - Head control
 - Hi/Lo
- Check all cables for damaged or frayed wires.
 - Power cord
 - Pendant cord
- Check to make sure all plugs are fully inserted or attached.
- Check 9V battery on motor and replace annually.

BED FRAME & 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 & 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

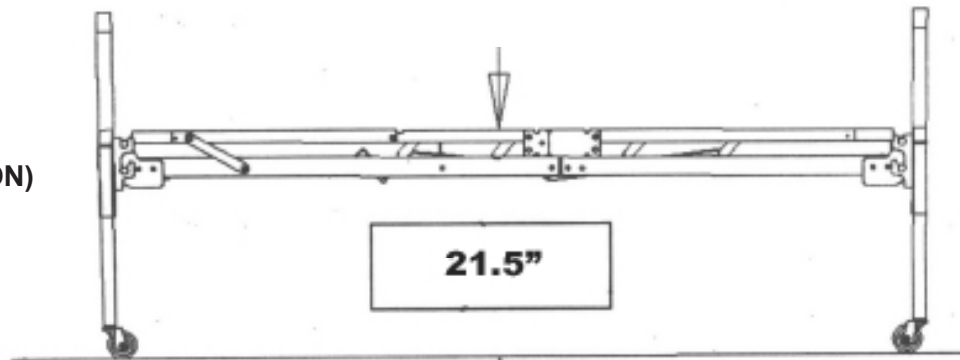
- Lifetime warranty on welds.
- 5 year warranty on frame.
- 5 year warranty on motor.
- 5 year on hand control.
- 1 year warranty on all other parts and components.

During the warranty period, defective items will be repaired or replaced at Drive's option at no charge.

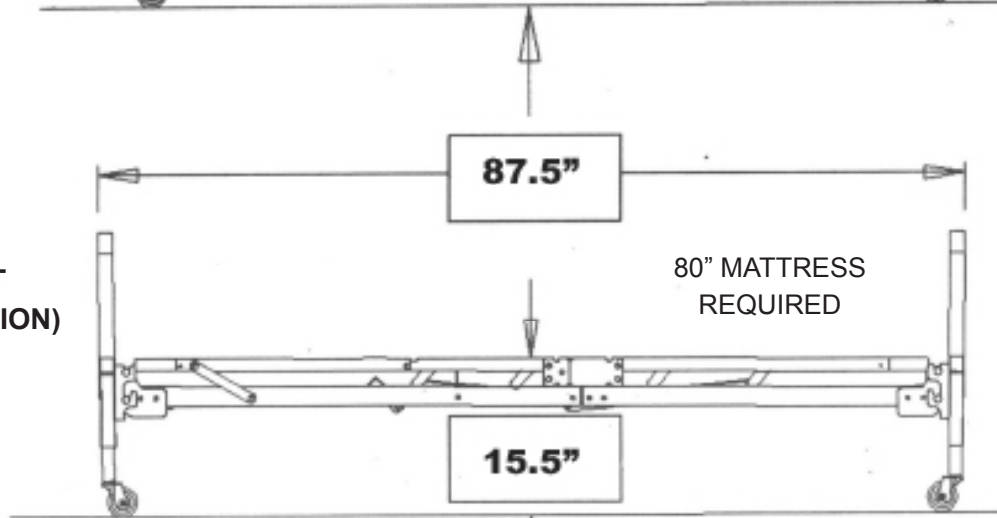
Specifications

DECK HEIGHT

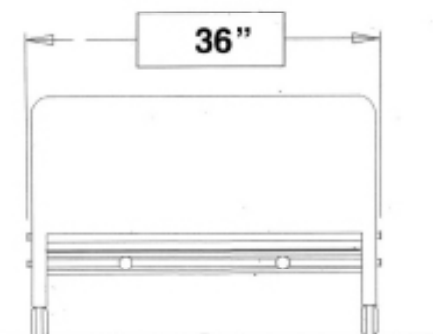
BED HEIGHT (HIGH POSITION)



BED HEIGHT (LOW POSITION) LENGTH



DECK WIDTH



ELECTICAL

- Motor is UL approved.

WEIGHT

- Normal operating conditions: 450 lbs evenly distributed.

CONSTRUCTION

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

FINISH

- Durable Powder Coating.



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