



PRIMECARE®
P902 Long Term Care Bed
OWNER's MANUAL



*Shown with Optional Assist Rails and
Embedded Staff Control

Manual must be given to the Owner/User of this bed and should be read carefully before putting this product into use. Keep manual in an accessible location for future reference.

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NOTE: *The information within this document is subject to change without notice. This manual includes important information about safety of personnel and equipment. As you read through this manual be aware of the four signal indicators.*

STANDARD SYMBOLS USED IN THIS MANUAL

This manual includes important information about safety of personnel and equipment. As you read through this manual be aware of the Symbols and their meaning.

Note: DO NOT operate this product without first reading and understanding this user manual. Damage or injury may result from improper use of this product.



DANGER

Information that appears under the DANGER description concerns the protection of personnel from direct and pending hazards that, if not avoided, will result in immediate, serious personal injury or death in addition to damage of the equipment.



DANGER SHOCK HAZARD

Information that appears under the DANGER SHOCK HAZARD description concerns the protection of personnel from possible hazards related to electrical shock.



FIRE HAZARD

Information that appears under the FIRE HAZARD description concerns the protection of personnel from possible hazards related to fire and flammability.



WARNING

Information that appears under the WARNING description concerns the protection of personnel from possible hazards that can result in injury or death in addition to damage of the equipment.



CAUTION

Information that appears under the CAUTION description concerns the protection of personnel from possible hazards that may result in minor injury or damage of the equipment.








CRUSH HAZARD

Information that appears under the CRUSH HAZARD description concerns the protection of personnel from possible hazards related to reduced clearances.

NOTE:

Information that appears under the NOTE description gives added information, which helps in understanding the item being described.

PRODUCT SYMBOLS

Symbols	Description
	According to IEC 60417-5840. Type B applied part equipment
IP54	According to IEC 60529. Rating for dust-protected and identified as equipment that is protected against splashing water.
	According to ISO 7000-1641. Operating instructions
	Recycle the item in accordance with local regulations.
ETL CLASSIFIED  Intertek 3188074	ETL listed mark. Mark provided by Intertek testing laboratories indicating certification to listed standards.
	CE mark.

WARNING LABELS

INSERT BED WARNING LABELS HERE

INTENDED USE

The Primus Medical by Drive roll-at-any-height beds are intended for use within an institutional healthcare environment, Application Environment 3 (i.e.: Skilled Nursing, Transitional Care, Rehabilitation Care, Assisted Living).

Compliance with the regulations and guidelines as specified by your facility is recommended.

This bed is **NOT** intended for patient/resident transport. Wheels are provided only to allow movement within the patient/resident room for cleaning or patient/resident access.

CONTRA-INDICATIONS

This bed should not be operated (control the movements of the bed through the control interfaces) by persons who do not have the cognitive skills to understand the information in the owner's manual or can understand and perform the proper operation of the bed. This bed should not be used or operated by children.

GENERAL SAFETY

NOTE: *In this manual, the terms patient and resident refer to a resident of a nursing home, Long Term Care, assisted living or rehabilitation facility.*



DANGER

- **NEVER** allow anyone under the bed at any time.
- DO NOT let any body parts protrude over the side or between parts, especially when the bed is being operated.



DANGER SHOCK HAZARD

- DO NOT plug anything into the control box of bed (i.e. pendants and actuators) while mains cable (power cord) is plugged into the wall outlet.
- Any cords or tubing used on or with this bed **MUST** be routed and secured properly to ensure that they do NOT become entangled, kinked or severed during normal operation of the bed.
- DO NOT roll the bed over any power or pendant cords.
- This bed is equipped with a three-prong grounding plug for protection against possible shock hazard. DO NOT under any circumstances cut or remove the grounding prong.

**DANGER SHOCK HAZARD**

- DO NOT open any actuators, control boxes or pendants. Service is only to be performed by authorized service personnel. If unauthorized service is performed on any components the warranty is void.
- Inappropriate handling of power supply cords can create a shock hazard.
- When routing cables from other equipment in the medical bed, precautions shall be taken to avoid squeezing those between parts of the medical bed.
- DO NOT use an extension cord.
- DO NOT allow the cord, electrical outlets, and electrical control box or hand pendant to become wet or submerged.
- DO NOT operate the bed if any electrical component such as the power cord, electrical outlet, connections, motor/actuator or mechanical component has malfunctioned or has been damaged in any way.
- To avoid risk of electric shock, this equipment must only be connected to a supply mains with protection earth.

**FIRE HAZARD**

- DO NOT use near open flame or explosive gases.
- Possible Fire Hazard if the use of nasal mask in 1/2 bed tent O₂ administering equipment. If O₂ tent is being used it should not fall below the mattress deck. The pendant should not be placed in an oxygen enriched environment such as an O₂ tent.
- This bed should not be placed in an oxygen enriched environment.

**WARNING**

- DO **NOT** operate this product without first reading and understanding this user manual. Damage or injury may result from improper use of this product.
- Possible injury or Death may occur if accessories are not provided by Primus Medical by Drive. Please contact Primus Medical by Drive for accessories that are compatible with this bed.



WARNING

- Possible injury or Death may occur due to pendant cord being a source for entangling patient/resident. Patients/residents with decreased mental acuity should NOT have access to pendant.
- Unplug bed or stop pressing pendant button when bed does not function as expected.
- Possible Injury or Death may occur if replacement parts are not provided by Primus Medical by Drive.
- NEVER permit more than one (1) person in/on the bed at any time. NEVER exceed the weight capacity of this bed. The weight capacity of this bed is **500lbs (227kg) including accessories and options (not all accessories and options can be used at the same time). Once residents weight is known (X), subtract that from 500 lb total weight capacity (Y) and remainder is allowable weight for mattress, accessories and optional equipment (Z).**

Assumes: Max Patient/resident Weight 298 lbs (135 kg)

Grab Bar (pair)	25 lbs (11.3kg)
Assist Bar (pair)	22.5 lbs (10.2kg)
Grab Rail (pair)	29 lbs (13kg)
Width Extension (42")	43 lbs (19.4kg)
Head/Foot Board	22 lbs (10kg)
Pendant	1.1 lbs (0.5kg)
Mattress weight	44 lbs (20kg)
Trapeze	43 lbs (19.5kg)

- The medical bed should be left in its lowest position except when care is being provided in order to reduce risk of injury due to falls.
- The bed **MUST** be connected to an appropriate power source. Unless equipped with the optional battery backup, this bed will not operate when not plugged in. Mains cable and proper function must be checked regularly.
- Possible Injury or Death may occur if bed is pushed over abrupt thresholds while bed is occupied. **This bed is not intended for patient/resident transport.** Please use an approved resident transport device when moving a resident.
- No modification of this equipment is allowed.



CAUTION

- This medical bed is not intended to work with patient lifts other than those specified by Primus Medical by Drive as being compatible.
- Do **NOT** use assist bars/rails as handles for moving the bed.
- Keep all moving parts, including the mattress deck (sleep surface), main frame, and all drive actuators and moving components free of obstructions.
- Ensure that the individual using this bed is properly positioned, particularly when the bed is being operated.
- Body weight should be evenly distributed over the sleeping surface of the bed. Avoid situations where entire body weight is on a raised head or foot surface. This includes while assisting the resident in repositioning or transferring in or out of bed.
- NEVER allow anyone under the bed at any time.
- Supervision is required when this product is operated by or near children or people with disabilities.
- DO NOT let any limbs or body parts protrude over the side or between bed components, especially when the bed is being moved or operated.
- Caster and floor locks (if equipped) shall be used except when bed is being moved. **Bed is not intended for patient/resident transport.**
- Bed should be at lowest suitable height for entry and exit.
- Assembly of this bed and modifications made during the actual service life require evaluation to the requirements of IEC 60601-1 and IEC 60601-2-52. No modification of this equipment is allowed.
- Only items that have been specified as part of this bed or that have been specified as being compatible with this bed shall be connected to it.
- This bed frame complies with EMC requirements of IEC 60601-1-2. Radio transmitting equipment, cell phones or similar electronic devices, used in proximity of the bed, may affect the beds performance.



CRUSH HAZARD

- Possible crush hazard exists when pressing the Foot Lock Mechanism to the floor. This feature was designed to be activated by your foot. Using your hand could result in injury. Keep feet out from under Foot Lock Mechanism when activating.
- Possible crush hazard exists between the floor and the square tubes used for mounting assist bars/rails. Keep feet out from under the square tubes on the edge of the bed while operating the bed.
- Possible Injury may occur when lowering or raising the bed. Keep feet and hands clear of bed frame.

**ENTRAPMENT WARNING**

Accurate assessment of the resident and monitoring of correct maintenance and equipment use are required to prevent entrapment. For additional information on product and safety issues for bed frames and rails refer to product manuals specific to the product or accessories you have or are planning to install. If bed frames have been serviced or any other adjustments have been made, you must ensure all parts are securely back in place before operating the bed. Other manufacturers assist bars or side rails may not be compatible and can lead to entrapment issues or harm to residents and staff. Make sure mattress is the correct size for bed frame and the assist bars are secured to frame to decrease the risk of entrapment.

On March 10, 2006, the U.S. Food and Drug Administration (FDA) released guidelines for reducing the risk of hospital bed entrapment entitled; "Hospital bed System Dimensional and Assessment Guidance to Reduce Entrapment". This guidance document identifies potential entrapment areas within the bed frame, rails and mattress and identifies those body parts most at risk for entrapment. It also provides manufacturers with basic design criteria to consider when developing hospital/convalescent beds; recommends specific test methods to assess the conformance of existing hospital/convalescent bed systems; and answers frequently-asked questions about entrapment issues.

The FDA Guidance document identifies specific dimensional criteria on potentially injury-threatening gaps and spaces that can occur between bed system components, such as side rails when improperly installed. Drive Medical's Long Term Care beds and approved accessories are manufactured to be in conformance with these guidelines.

Please be aware that entrapment issues can still arise when components and accessories are not properly installed on the bed. It is important for the provider or facility staff to recognize they have an equal role in complying with the FDA guidelines to help ensure resident safety and avoid injuries.

Copies of this document can be obtained from the FDA website:

<http://www.fda.gov/medicaldevices/deviceregulationandguidance/guidancedocuments/ucm072662.htm>

COMPLIANCE INFORMATION

Matching the correct bed components to meet regulatory specifications can be complicated. Drive Medical offers a wide variety of compatible options and an Authorized Distributor can assist your facility in selecting correct components or accessories that are recommended for the specific bed model.



ASSIST RAIL WARNING

Other manufacturers assist bars and rails may not be compatible and can lead to entrapment issues or harm to patients/residents. Only compatible Primus Medical by Drive assist bars and rails may be used on this bed. Ensure mattress is the correct size for bed frame and the assist bars are secured to frame to decrease the risk of entrapment.

MATTRESS SPECIFICATIONS



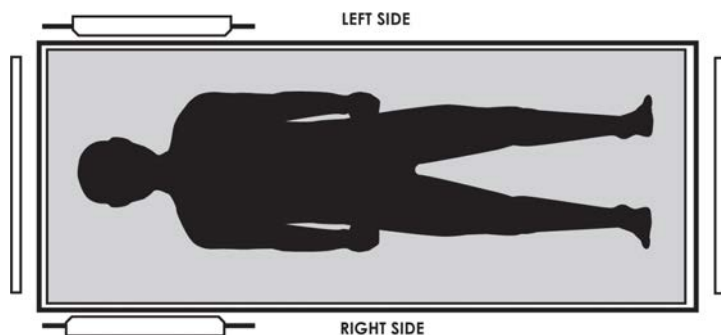
WARNING

Possible ENTRAPMENT Hazard may occur if you do not use the recommended specification mattress.

Resident entrapment may occur leading to injury or death.

- A mattress may not be included with this bed. It is recommended that a 36" wide mattress that is made to fit a 76", 80" or 84" length bed frame is used, such as a Drive Pressure Redistribution Mattress. Mattress height must be a minimum of 5 1/2 inches and a maximum of 8 inches.
- Also available are Drive Medical's assortment of mattress overlays and Low Air Loss flotation mattress systems.
- See Technical Specifications page for compatible mattress dimensions.

LEFT/RIGHT REFERENCE GRAPHIC



ELECTROMAGNETIC EMISSION AND IMMUNITY

This MEDICAL ELECTRICAL EQUIPMENT needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the table below.

Portable and mobile RF communications equipment can affect MEDICAL ELECTRICAL EQUIPMENT



WARNING

The use of ACCESSORIES, transducers and cables other than those specified, with the exception of transducers and cables sold by the manufacturer of the EQUIPMENT or SYSTEM as replacement parts for internal components, may result in increased EMISSION or decreased IMMUNITY of the EQUIPMENT or SYSTEM.

DECLARATION - ELECTROMAGNETIC EMISSIONS

Guidance and manufacturer's declaration - Electromagnetic emissions		
The Prime Care™ P902 is intended for use in the electromagnetic environment specified below. The customer or the user of the Prime Care™ P902 should ensure that it is used in such an environment.		
Emissions Test	Compliance	Electromagnetic environment - Guidance
RF Emissions CISPR 11	Group B	The Prime Care™ P902 must emit electromagnetic energy in order to perform its intended function. Nearby electronic equipment may be affected.
RF Emissions CISPR 11	Class 1	The Prime Care™ P902 is suitable for use in all establishments including domestic establishments and those directly connected to the public power supply network that supplies buildings used for domestic purposes.
Harmonic Emissions IEC 61000-3-2	Not Applicable	
Voltage fluctuations/ flicker emissions IEC 6100-3-3		

Recommended separation distances between portable and mobile RF communications equipment and the Prime Care™ P902

The Prime Care™ P902 is intended for use in the electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Prime Care™ P902 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Prime Care™ P902 as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d = (1,2\sqrt{P})$	80 MHz to 800 MHz $d = (1,2\sqrt{P})$	800 MHz to 2,5 GHz $d = (2,3\sqrt{P})$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
0.1	0.38	0.38	0.73
10	3.8	3.8	7.3
100	12	12	23


For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) accordable to the transmitter manufacturer.

NOTE: 1 At 80 MHz and 800 MHz the separation distance for the higher frequency range applies

NOTE: 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Guidance and manufacturer's declaration: Electromagnetic Immunity

The Prime Care™ P902 is intended for use in the electromagnetic environment specified below. The customer or the user of the Prime Care™ P902 should ensure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Conducted RF IEC 61000-4-6 Radiated RF IEC 61000-4-3	3 Vrms 150 kHz to 80 MHz 3 V/m 80 MHz to 2.5 GHz	3 Vrms 3 V/m	<p>Portable and mobile RF communications equipment should be used no closer to any part of the Prime Care™ P902 including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance</p> $d = (1,2\sqrt{P})$ $d = (1,2\sqrt{P})80\text{MHz to }800\text{MHz}$ $d = (1,2\sqrt{P})800\text{MHz to }2,5\text{MHz}$ <p>Where P is the maximum output power rating of the transmitter in watts (W) according to the Transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,^a should be less than the compliance level in each frequency range.^b</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> 

NOTE: 1 At 80MHz and 800MHz the higher frequency range applies.

NOTE: 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

- ^a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Prime Care™ P902 is used exceeds the applicable RF compliance level above, the Prime Care™ P902 should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Prime Care™ P902.
- ^b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than $[V_i]$ V/m.

FEATURES AND ACCESSORIES

Standard Features

- 76", 80", and 84" Sleep Surface
- Travel Range: 7" low to 30.5" high
- Roll-at-any-Height Design
- Floor Lock System: Foot Pad Lock Mechanism
- Pendant Connection on left and right sides
- Cable connection for Staff Control Panel
- Welded Tubular Steel Frame
- Slat Sleep Deck
- Wall Guard
- IV Pole Holders
- Heavy Duty 3" Dual Footprint Casters
- Adjustable Mattress Retainers
- Heel Lift Ratchet
- Soft Gray Frame Color

Accessories and Options

- Pressure Reduction Mattress
- Air Flotation Mattress
- Cushion Fall Mat
- Assorted Bed End styles & colors
- 42" Width Extension
- Staff Control Panel
- Rotating Assist Bars
- Battery Back-Up
- Trapeze Assembly
- Bed Transporter system



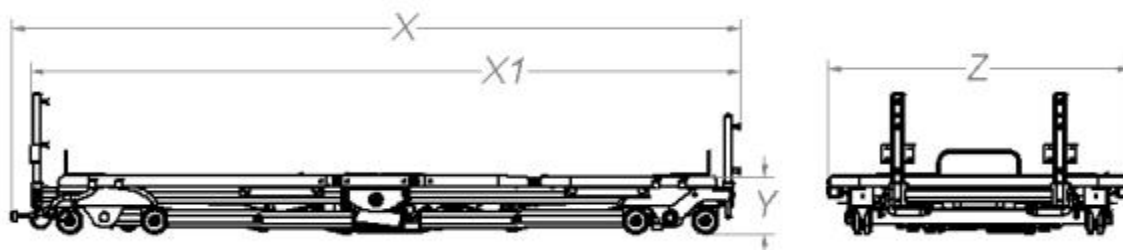
WARNING

****Incompatible grab bars/rails and side rails can create hazards. Read instructions for use. Use only grab bars/rails and side rails that Primus Medical by Drive has indicated are compatible with this bed.**

Bed Serial Numbers

When ordering parts or when contacting Drive Customer Service Department, please include bed's model and serial numbers, found on the identification labels. The identification labels are located under the sleep deck on the frame rail below the foot section on either side of the bed.

TECHNICAL SPECIFICATIONS



ITEM	SPECIFICATION	
Mattress Lengths	76", 80", 84"	193cm, 203cm, 213cm
Overall Length (with wall bumper) (X)	84.5", 88.5", 92.5"	214cm, 224cm, 234cm
Overall Length (without wall bumper) (X1)	83.125", 87.125", 91.125"	211cm, 261cm, 311cm
Overall Length (with trapeze)	86.125", 90.125", 94.125"	218cm, 229cm, 239cm
Mattress Deck Low Position (Y)	7"	17.5cm
Mattress Deck High Position (Y)	30.5"	77.5cm
Overall Width* (Z)	35.625"	91cm
Overall Width with width extension	42.375"	108cm
Length of Mattress Deck	77.5"	197 cm
Mattress Thickness Range	5.5" to 7"	14cm to 18cm
Mattress Width	36" or 42"	91cm or 107cm
Weight of Bed without H/F boards or accessories	219 lbs	99 kg
Maximum Weight Capacity (SWL)**	500 lbs	227 kg
Maximum User's Weight	298 lbs	135kg
Head Deck Angle Range	0° to 70° ±3°	
Thigh Deck Angle Range	0° to 30° ±3°	
Foot Deck Angle Range	0° to 10° ±3°	
Knee to Foot Deck Angle Range	0° to 40° ±3°	
Input Voltage***	100-240 VAC, 50/60 Hz	
Actuator Voltage	24 VDC	

*Assist Bar and Rails add 3" (7.5cm) to each side of the bed

**SWL includes the weight of the resident/patient and all other accessories including, but not limited to mattresses, head/footboards, grab bars, etc.

***Means of isolating equipment from supply mains:

This bed may be isolated from the supply mains by unplugging the mains cable (power cord) from the wall outlet.

COMPLIANCE INFORMATION

Matching the correct bed components to meet regulatory specifications can be complicated. Primus Medical by Drive offers a wide variety of compliance options and we can assist your facility in selecting components or accessories that are recommended for the specific bed model.

General information

This medical bed is a class II type B non-sterile IP54 medical device. The recommended environment for operation of the bed is listed below:

Ambient temperature: 10°C ~ 40°C (50°F~104°F)

Relative humidity range: 30% ~ 75%

Atmospheric pressure: 86KPa~ 106Kpa

The recommended environment for storage/transportation is listed below:

Ambient temperature: -10°C ~ 50°C (14°F~122°F)

Relative humidity range: 30% ~ 75%

Atmospheric pressure: 86KPa~ 106KPa

This bed is classified for intermittent operation. Bed actuators may be operated for 2 minutes out of every 20 minutes.

Applied Parts List

- Bed Frame
- Head/ Foot Board
- Assist Bars/ Grab Bars/ Grab Rails
- Mattress Retainer
- Width Extension
- Pendant
- Trapeze

Materials accessible to user

- Surface Coating: Powder Coating
- Color of Powder: Carbon black, Ethylene Bis-Stearamide, Solvent Red
- Pendant Housing: PA-765A
- Plastic Cover of Rail/Bar: PA-757
- Head/Foot Board: Wood
- Trapeze: Nylon webbing

UNPACKING INSTRUCTIONS (tools needed: Pliers or Wire-cutters)



CAUTION

DAMAGE to the equipment may occur if the zip ties are removed incorrectly.

DAMAGE to the equipment may occur if the incorrect zip ties are removed.

- If the carton is in an upright position, slowly lower to the floor and position with casters down.
- It may be necessary for two or more people to help in lowering the bed.
- Cut black strapping around box; remove box ends and plastic surrounding bed frame.
- Cut zip ties to remove wall guard at the head of the bed.

- Cut the zip ties to remove mattress retainers on each side of the bed.
- Remove ties from pendant.
- Remove any remaining zip ties or foam left on bed frame.
- Locate power cord and plug into grounded 110-240 VAC outlet.
- Raise the bed frame and check to make sure everything is plugged into the control box and no wires are loose. If wires are not in control box, match up by the color coded system. (See instructions below)

NOTE: *DO NOT remove zip ties that are holding cords underneath bed frame.*

INITIAL INSPECTION

- Inspection of All Components - Receipt of assembled bed
- Check bed components for obvious damage
- Inspect power supply cords for cuts and/or damage
- Check that actuator cords are connected properly to the controller
- Verify proper functionality of all features once assembled

ASSEMBLY

TOOLS REQUIRED

- 3/4" Wrench and socket
- 1/2" Wrench
- 3/16" Allen wrench
- Utility Knife

KNOWLEDGE/SKILLS REQUIRED

- Ability to read and understand owner's manual
- Basic mechanical aptitude
- Ability to manipulate required tools

MATTRESS RETAINER INSTALLATION/ADJUSTMENT

Mattress retainers are designed to keep the mattress in place on the sleep surface.

- Determine length of mattress
- Use the 76", 80" and 84" guide on the head and foot deck sections to place your mattress retainer in the correct spot. Insert the mattress retainer in the holes for the length desired.

NOTE: *Please read all information on mattress retainers and follow installation instructions.*

76" Position



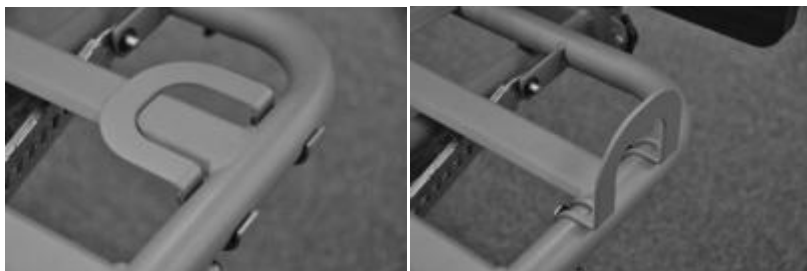
80" Position



84" Position



- The remaining mattress retainers on the perimeter of the sleep deck should be moved to the up position.



- Place mattress on mattress support deck.
- The mattress should be snug against all of the mattress retainers.

NOTE: Make sure mattress fills length between mattress retainer stops. Also, make sure the mattress does not compress more than 1.5" under patient/resident weight.

HEADBOARD AND FOOTBOARD INSTALLATION AND ADJUSTMENT

- Insert headboard or footboard support assembly, whichever is appropriate for the end of the bed you are working on.
- There are mounting positions for 3 different mattress lengths, 76", 80" and 84". Choose the one appropriate for your mattress.



- Thread the 5/16" bolt into both sides of the bed frame and tighten to hold the headboard/footboard support assemblies in place.
- Mount the headboard mounting tubes to the headboard using (2) 1/4" head/footboard mounting bolts per tube. Mount the footboard mounting tubes to the footboard (shown with optional Embedded Staff Control).



- Slide the mounting tubes into the mounting brackets until they stop.

- Close the cam lock to secure the headboard/footboard in the mounting brackets



NOTE: The mounting tubes on the footboard face toward the inside of the bed. The mounting tubes on the headboard face away from the bed.

ADDITIONAL INSTRUCTIONS FOR CONTROL PANEL EQUIPPED FOOTBOARD

- Route the cable from the control panel toward the control box keeping clear of any areas that could pinch or abrade the cable.
- Secure the cable to the frame in several locations along its length.

WALL BUMPER INSTALLATION

The wall bumper is designed to prevent damage to facility walls by keeping the head end of the bed spaced off the wall.

- Slide the wall bumper over the axle at the head end of the bed.
- Insert the locking pin in the hole appropriate for the length of mattress you are using.



ACCESSORY INSTALLATION

ASSIST BAR/RAIL INSTALLATION



ASSIST RAIL WARNING

Other manufacturers assist bars/rails may not be compatible and can lead to entrapment issues or harm to patients/residents. Only compatible Primus Medical by Drive assist bars and rails may be used on this bed. Make sure bed frame is adjusted correctly for mattress size being used and assist bars/rails are properly secured to frame to decrease the risk of entrapment.

**ENTRAPMENT WARNING**

The risks associated with these devices used in conjunction with specialty mattresses and mattress overlays have not been evaluated. When these specialty mattresses or mattress overlays are used, the end user facility must take steps to ensure that the therapeutic benefit outweighs the risk of entrapment.

**ASSIST BAR/RAIL WARNING**

Assist bars and assist rails are intended only to assist the resident during bed entry and exit. These devices are not side rails nor are they intended to be used in a manner that makes user entry or exit more difficult.

**CAUTION**

The bed may become UNSTABLE due to interference between the assist bar/rail and the floor when lowering the bed. An unstable bed may tilt and/or cause property damage or personal injury.

**CRUSH HAZARD**

Crush hazard exists between the assist bar/rail and the floor when in the lowest position which may cause injury to oneself or others. Do NOT place feet beneath the assist bar/rail.

**WARNING**

When routing cables from other equipment in the medical bed, precautions shall be taken to avoid squeezing between parts of the medical bed.

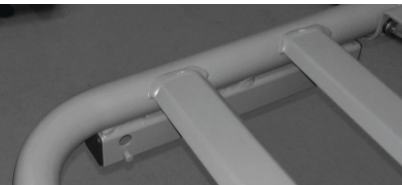
ASSIST BAR/RAIL ASSEMBLY (OPTION)

(Tool -Less Assembly)

- To install assist bar(s)/rails(s) locate the square tube under the head or foot deck.



- Place the assist bar/rail mounting bracket over the deck edge tube lining up holes in bracket with holes in the square tube.



Note: There are alignment pins on the square tube that must be properly aligned with the mounting bracket. These pins help with the identification of the appropriate mounting positions.



- Insert bolts through the mounting bracket and square tube, from the outside. Tighten knobs to secure.



DANGER

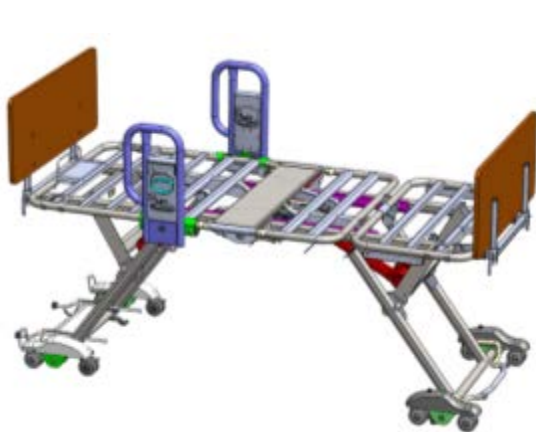
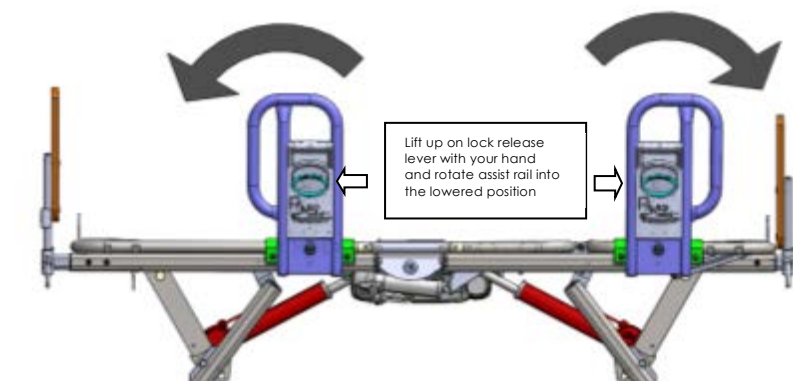
These devices are only to be mounted in the positions and orientations shown in this documentation. Failure to comply with these instructions could result in patient/user/operator harm and or death.



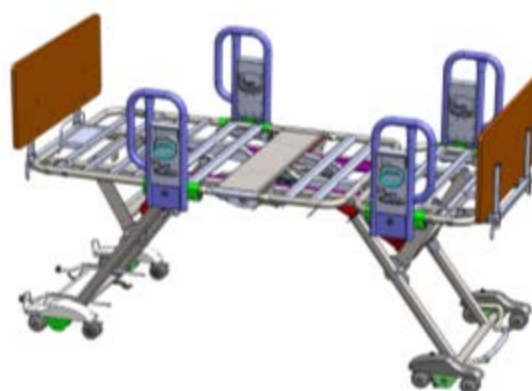
CAUTION

When assist bars/rails are unlocked they are free to rotate. Care must be taken to ensure the assist bar/rail does not rotate toward the floor in an uncontrolled manner.

ASSIST BAR MOUNTING POSITIONS



Head Deck Only



Head deck and foot deck

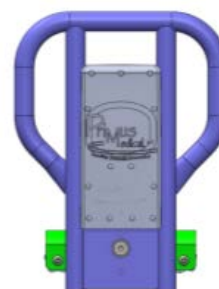


Foot deck only

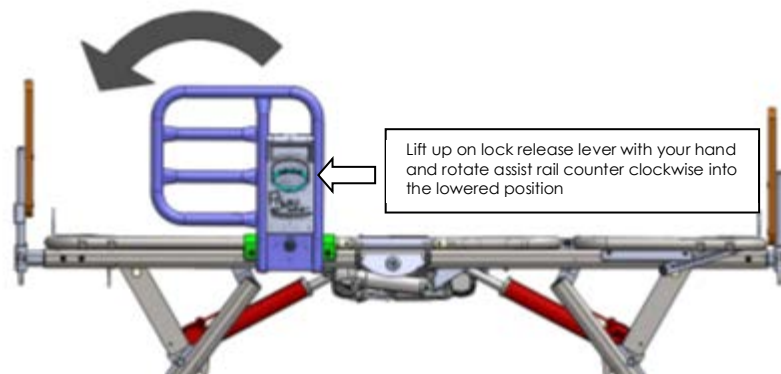


DANGER

Serious injury or death may occur. Do not use above assist bars in conjunction with the grab bar pictured here.



ASSIST RAIL MOUNTING POSITIONS (head deck only)

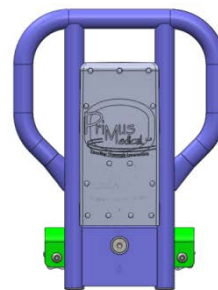


Head deck only



DANGER

Serious injury or death may occur. Do not use above rails in conjunction with the assist bar pictured here.

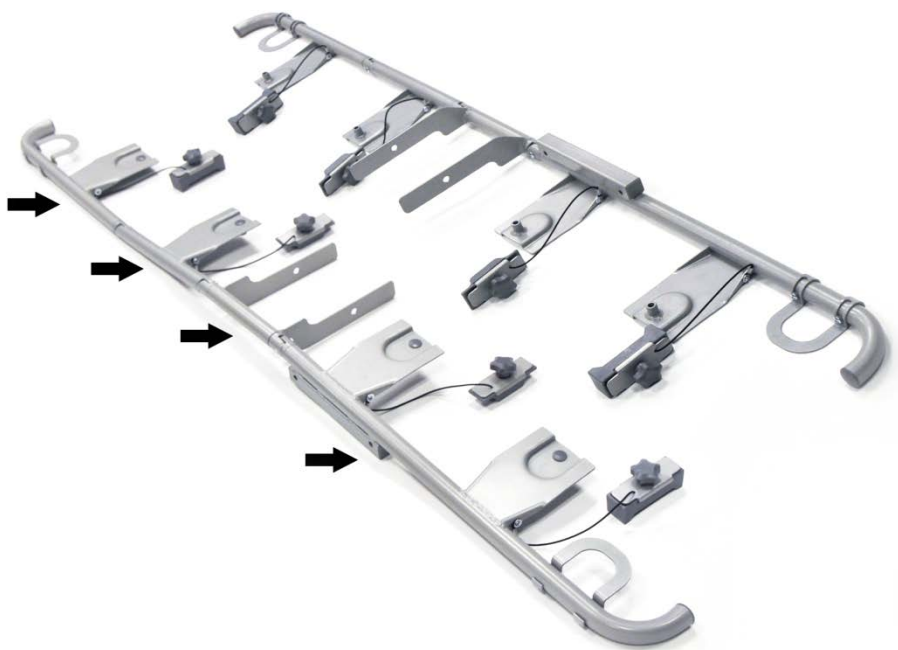


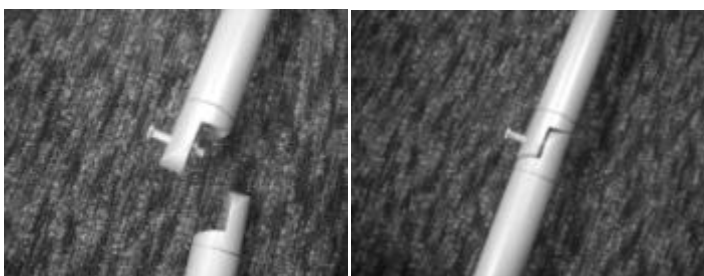
WIDTH EXTENSION

- Determine if you will be making the bed frame a 39" or 42" width. Use only (1) Width Extension if a 39" bed frame is required. Use both Width Extensions if a 42" bed is required.
- Remove the deck width extension assemblies from their packaging.
- DO NOT remove the strings attached to the Width Extensions. These strings keep the clamp assemblies together.



- There are four (4) sections to each side of the Width Extension. Assemble the pieces for each side before putting on the bed frame. Insert the three (3) 5/16" x 1-1/4" bolts into the hinge points as shown. Ensure the plastic bushing is between the parts being joined. Fully tighten the bolts.





- Remove the (4) knobs that are attached to the width extension, (2) on the head section, (1) on the thigh section and (1) on the foot section, these will be used to tighten the width extension to the bed frame.
- Fold up each end of the width extension keeping the central section with guide plates at the bottom. Line up the width extension to the sleep deck and use the guide plates at the middle section of the extension and slide into the slots under the sleep deck attached to the fixed mid-section of the frame.



- Fold each end of the width extension down until they rest on the deck of the bed frame. Tighten knobs at middle section until secure.





- Starting from the middle and working outward, tighten the clamp assemblies against the bed decks.

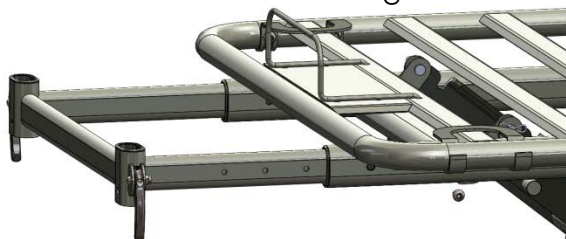


- Ensure all knobs are tightened to secure the width extension to the bedframe.
- Repeat process for the Width Extension on the other side.

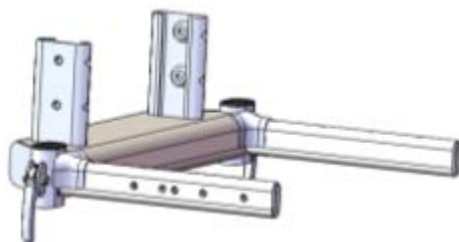
TRAPEZE

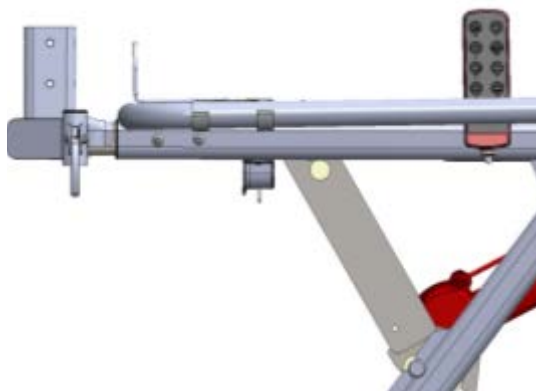
TOOLS REQUIRED

- 3/16" Allen wrench
- 7/32" Allen wrench
- 9/16" wrench or socket
- Utility Knife
- Raise the mattress support platform to a comfortable working height.
- Remove any items on the bed such as residents, mattresses and/or sheets.
- Unplug the bed from mains power.
- Move bed to a position in the room that allows a person to walk around the bed.
- If the headboard and/or headboard mounting bracket is/are installed,
 - Remove the headboard
 - Remove the 5/16" bolts from each side of the frame securing the headboard mounting bracket.



- Remove the headboard mounting bracket.
- Insert the trapeze mounting bracket into the headboard end of the bed frame.





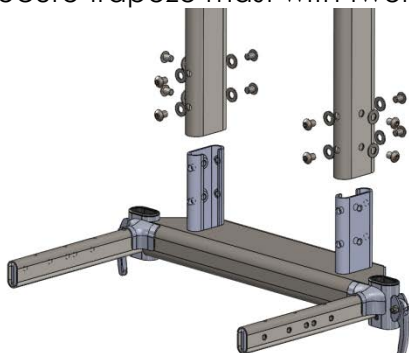
- The label on the side of the trapeze mounting bracket will help align the holes in the trapeze mounting bracket with the holes in the frame for the desired mattress length. The line next to each position marking should line up with the end of the mainframe tube. Position 1 = 76" mattress, Position 2 = 80" mattress and Position 3 = 84" mattress. Two holes one each side (4 total) are used for each mattress position. All holes must line up for proper assembly.



- Secure the trapeze mounting bracket with four 5/16" bolts (2 per side).
- Making sure you have clearance to not hit the ceiling, place the trapeze mast onto the trapeze support bracket.

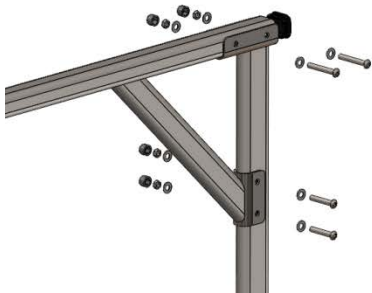


- Secure trapeze mast with twelve 3/8" bolts and washers.

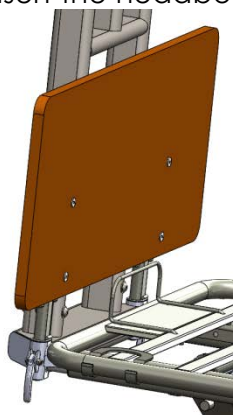


- Plug the bed into mains power.

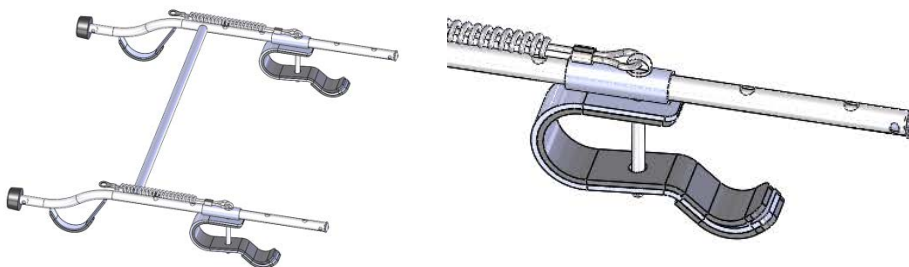
- Lower the bed to its lowest position, ensuring there are no trapeze parts or other items under the bed.
- Attach the trapeze boom assembly to the trapeze mast and secure with four 3/8" bolts, eight 3/8" washers and four 3/8" nuts.



- Raise and lower the bed to verify the trapeze will not hit the ceiling when the bed is raised to its highest position.
- Insert the headboard into the trapeze mounting bracket.



- Secure headboard by pressing down on cam lock handles.
- Adjust the wall bumper to the appropriate position to accommodate the trapeze.
- The wall bumper has 4 positions to accommodate different mattress length settings and a trapeze. Choose the setting that provides the desired spacing between the headboard or trapeze and the wall.



- Move the bed to its desired location.
- Raise and lower the bed to insure that the wall bumper position chosen provides wall clearance.

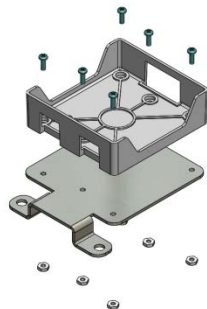
BATTERY BACK-UP

TOOLS REQUIRED

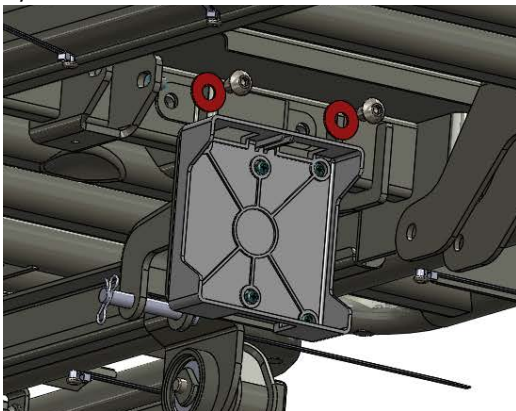
- Philips screwdriver
- 7/32" Allen wrench
- 3/8" Wrench or socket
-

NOTE: Battery backup should be used for *EMERGENCY* purposes *ONLY*.

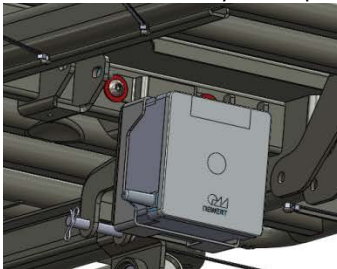
- Mount the plastic battery mounting bracket to the steel battery plate using the (6) #8 screws and nuts included.



- Install the battery mounting plate to the center of the bed frame using the (2) 3/8" bolts and washers included.



- Slide the battery into place; make sure it is secured into the mounting bracket.



- Attach the cord from the battery into the control box (black color).
- The battery back-up will now work if the bed becomes unplugged from the wall outlet or there is a power failure.

NOTE:

- Allow the battery to charge for a minimum of 24 hours before first use
- Battery back-up is specified as a part of bed
- Battery is not to be used in a damp environment such as outdoors

BATTERY BACK-UP INFORMATION



WARNING

- The battery backup should be used for EMERGENCY PURPOSES ONLY.
- DO NOT use the battery backup to demonstrate or display a bed.
- If the battery backup is used, it MUST be recharged before becoming drained and dormant. If the battery is run dead and left for any extended portion of time, the battery can go into HIBERNATION and cannot recover or be recharged.
- Battery function should be checked periodically to insure battery health.
- Primus Medical by Drive cannot be held responsible for improper backup use.
- When a battery is connected to the control box, unplugging the bed from mains power will not switch bed off.
- The battery must be replaced if the housing or cable is damaged.



CAUTION

- If improperly performed, equipment or property DAMAGE or resident INJURY is possible during maintenance.
- The battery is not a toy for children to play with.

Maintenance Notes:

- Following longer periods of storage, the battery may need to be charged and discharged several times so that performance reaches a peak.
- Batteries will lose their charge during storage. Battery should be fully charged prior to storing. A battery in storage should be recharged every 3 months at a minimum.

Care tips

- Make sure the battery is kept clean and dry at all times.
- The battery must receive sufficient ventilation when charging.
- Remove primary batteries when bed is not likely to be used for some time.

Safety tips

- Don't open or damage the battery.
- Don't expose the battery to heat or open flames. Avoid storing it in direct sunlight.
- If the battery leaks and you come into contact with the fluid, wash the affected area thoroughly in water and consult a doctor immediately.
- Don't throw the battery into fire, open it, solder or weld to it.

Cleaning Notes

- Before cleaning, always unplug mains cable from wall outlet.

- When cleaning, take care not to damage the connection cable.
- Clean plastic surfaces such as the housing with slightly damp cloth. Never use cleaning agents on battery.
- Never use a high-pressure cleaner on the battery or spray fluids directly onto them using jets. You risk damaging the equipment.
- Solvents, alcohol, bleach, caustic agents, high acid or alkaline solutions or petroleum based products should not be used on the bed.

NOTE: *This bed NOT compatible with wash down tunnels.*



WARNING

Batteries must be disposed of in accordance with local regulations.

FREQUENTLY USED BED FUNCTIONS

Hand Control Operation



CRUSH HAZARD

Crush point exists due to LOW BED CLEARANCE. Do NOT place feet or other limbs under the frame when lowering the bed. When lowering the bed, be aware this may cause INJURY if limbs or personal items interfere with bed movement. Stay clear of the frame and ensure children and/or pets are not under the bed before lowering the bed.

4 Function Hand Pendant

This pendant can be plugged into the left or right side of the bed for the convenience of the resident.



4 Function Hand Pendant

- Hand held pendant can be plugged into the left or right side of the bed frame for the convenience of the resident.
- 1st Set of Buttons: Head deck up and down.
- 2nd Set of Buttons: Foot deck up and down.
- 3rd Set of Buttons: Auto Contour - raise and lower the head and foot decks at the same time.

- 4th Set of Buttons: Bed frame up and down.
- Orange light at bottom of Pendant indicates power is on, Green light on top of Pendant indicates pendant is in use - bed function is in operation.



WARNING

Possible injury or Death may occur due to pendant cord being a source for entangling patient/resident. Patients/residents with decreased mental acuity should NOT have access to pendant.

NOTE: For every 2 minutes of continuous actuator use, the bed actuators must not be used for 18 minutes.

5 Function Staff Control Pad Operation (optional)

This controller is located on the footboard

- 1st button controls raising and lowering of the head section.
 - While in locked position, this feature will not work.
- 2nd button controls the raising and lowering of the foot section.
 - While in locked position, this feature will not work.
- 3rd button controls the raising and lowering of the head and foot section simultaneously (Auto Contour).
- 4th button controls the raising and lowering of the bed frame.
- 5th button controls trendelenburg and reverse trendelenburg positions.



Trendelenburg and Reverse Trendelenburg

- Trendelenburg/Reverse Trendelenburg positioning and Hi/Lo Lockout option with the Attendant Control Panel
 - While in the locked position, these panel features will not work.
 - While in the unlocked position, all features will work.
- The contour position will work in the lock or unlocked position.

NOTE: For every two minutes of continuous actuator use, the bed actuators must not be used for 18 minutes.



CAUTION

The use of Trendelenburg and Reverse Trendelenburg functions may not be suitable for certain patients/residents. This function should only be used with the recommendation of medical personnel.



CRUSH HAZARD

To eliminate any crush hazard, the Trendelenburg and Reverse Trendelenburg functions should be used only when the bed is at or near its highest position.

Pendant Holder and Location



DANGER SHOCK HAZARD

Prior to working with any electrical parts, such as when plugging in the hand pendant, make sure power to the bed frame is disconnected by removing mains cable from wall outlet.

- Plug the pendant into the end of the Y-cable located on the side of the bed you want the pendant to be attached. This requires proper alignment of the pendant cable and the y-cable.
- Close the pendant cable locking hood.



- The pendant holder is to be placed on the side of the assist rail.



- Slide the pendant into the holder (if equipped).
- To move the pendant to the other side of the bed, unplug the mains cable then lift the pendant locking hood and unplug the pendant cable end.
- On the other side of the bed, lift the pendant locking hood on the housing component and line up the pins and push into the housing component and close hood around pendant end.
- Plug mains cable back into the wall outlet.
- Test all functions



WARNING

When routing cables in the medical bed, precautions shall be taken to avoid squeezing between parts of the medical bed.

HEEL LIFT RATCHET ADJUSTMENT

- With the thigh deck section set at the preferred position, lift the foot deck.



- There are ten fixed stops on the heel lift that can be set at varying heights.
- The manual foot lift section must be raised slowly to properly engage each stop at the desired height. The foot lift section will not lower past the nearest engaged stop.



- To reset the ratchet mechanism and lower the manual foot lift section to its lowest position, raise the manual foot lift section to the highest setting and lower it in one motion to the flat position.
- The foot section of the bed deck cannot be fully lowered without first manually adjusting the foot lift section to its lowest position.
- Once in its lowest position, the manual foot lift can once again be raised to the desired height.

Power Cord Storage

- A Power cord strain relief located under the bed frame at the head end of the bed keeps the power cord off the floor and protects the power cord from getting severed or run over.
- *Disconnect the mains cable (power cord) from the wall outlet and store the power cord when the bed is not in use. Make sure the power cord is secured on the sleep deck and not hanging off the bed where it may be damaged. Secure the power cord to the head end of the bed when moving the bed.*

BED MOBILIZATION AND STABILIZATION

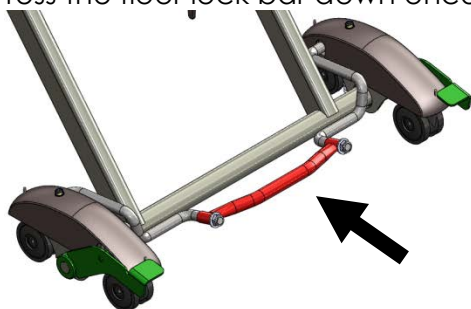


WARNING

Unintended bed movement may occur if the floor lock or caster locks are left unlocked. Unintended bed movement may lead to property DAMAGE or resident INJURY. Never leave a bed unattended while the floor lock is not engaged.

Floor Lock Operation

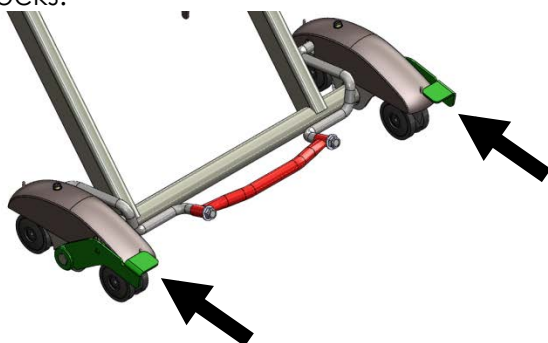
- Press the floor lock bar down once with your foot to engage floor lock.



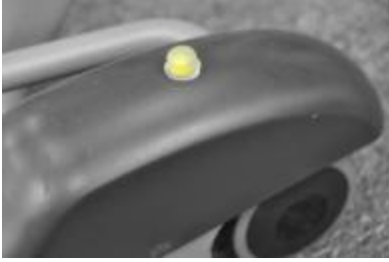
- Two black plungers extend to the floor on each side of the bed in between the wheels. A YELLOW indicator disappears from the top of the caster cover indicating the floor lock is engaged.



- Press the brake release lever down once with your foot to disengage the floor locks.



- Two black plungers retract from the floor on each side of the bed in between the wheels. A YELLOW indicator will appear on top of the caster covers on each side of the bed indicating the floor lock is disengaged.



- When the floor lock is disengaged the bed will be able move.

NOTE: Head end caster locks and caster bales must be disengaged for the bed to be moved freely in all directions.

Caster Lock

- To lock the head of the bed use the two locking casters at the head end of the bed.
- To lock the casters push down on the caster locking tabs on the top of the caster, this will help prevent the head end of the bed from moving.
- To unlock the casters push up on the caster knobs on top of the caster, this will allow the bed to move in all directions.



CAUTION

Moving the bed while the floor lock or caster lock is engaged may cause DAMAGE to the bed or floor. Do not move the bed unless the floor lock and caster lock are unlocked.

Head End Caster Steer Alignment Mechanism (caster bale)

- Caster Steer Alignment mechanism (caster bale) is on either side of the head end caster truck.
- Align caster with the truck body and lower the bale over the caster.
- With the bale in place, the head end of the bed will tend to track in a straight line.
- When used in conjunction with engaged Floor Lock system, Bale will help prevent side to side bed movement and should be in the lowered position at all times except when bed is being moved sideways by staff member.



80" AND 84" LENGTH EXTENSION

- Both ends of the bed need to be adjusted for the extension to be complete.
- There are three different mattress length positions, 76", 80", and 84". Choose the appropriate length for your mattress.

NOTE: *This length can be changed at any time by removing the 5/16" bolts and sliding the head/footboard support assembly to the desired position.*

- Thread the 5/16" bolt into both sides of the bed frame to hold the desired length.
- When the head/footboard support assembly is in the first position it is at the 76" length.



- When the head/footboard support assembly is pulled out to the 2nd position the bed it is at the 80" length.



- When the head/footboard support assembly is pulled out to the second slots it is at the 84" length.



- Adjust the mattress retainers on each end of the bed to the position appropriate for the length of the mattress being used.



DANGER

- Possible injury or death may occur if the bed is not adjusted to the proper length for the mattress being used.
- Ensure increase in total length of bed frame does not present a safety hazard or impair access in room. Place new mattress against Mattress Retainer and be sure mattress covers entire length of mattress support surface.

CARE AND MAINTENANCE



CAUTION

- If improperly performed, equipment or property DAMAGE or resident INJURY is possible during maintenance.

NOTICE TO MAINTENANCE STAFF

- Carry out all adjustment and cleaning procedures specified.
- Assembly of this bed and modifications made during the actual service life require evaluation to the requirements of IEC 60601-1 and IEC 60601-2-52.
- Before using, always check function of the bed and all accessories.
- Contact Primus Medical by Drive if you need any help with installation, usage or maintenance of the product.

Corporate Office: Drive Medical, 99 Seaview Blvd.,
Port Washington, NY 11050. Ph: 1-877-374-8763 Fax: 516-988-4601

Website: www.drivemedical.com

Manufacturer: World Gear (Xiamen) Sporting Goods Co., Ltd

Cleaning Instructions

- If possible, remove resident before cleaning bed.
- Prior to cleaning unplug power supply cords
- Ensure all electrical parts (motors, control boxes, wires and pendant) are not broken. Ensure that NO liquids enter electrical components.
- Remove all gross/solid contaminants, then wash and sanitize all components. DO NOT submerge the bed frame or electrical components.
- Solvents, alcohol, bleach, caustic agents, high acid or alkaline solutions or petroleum based products should not be used on the bed.
- Use standard water pressure. DO NOT power wash or steam clean any parts.
- Rinse completely with water (Maximum temperature 110°F or 43°C). Do not rinse with cold water.
- Ensure all parts are dry before using or storing.

NOTE: *This bed is NOT compatible with wash down tunnels.*

INSPECTIONS



WARNING

Failure to properly maintain your bed may decrease the life expectancy of your product, increase product maintenance requirements and costs and increase risk to residents and staff. **Always service the bed at the required intervals.**

INITIAL INSPECTION

- Inspection of All Components - Receipt of assembled bed

- Check bed components for obvious damage
- Inspect power supply cords for cuts and/or damage
- Check that actuator cords are connected properly to the controller
- Verify proper functionality of all features

QUARTERLY INSPECTION

- Inspect all welds for cracks.
- Check for bed noise and lubricate if appropriate.
- Check bed for proper function
- Inspect all fasteners for looseness, wear or damage. Replace or tighten as necessary.
- Ensure cables routed in the medical bed, will not be squeezed between parts of the medical bed.
- Check all electrical cable strain reliefs to ensure there are no cracks or breaks.
- If the bed has a battery backup, unplug power cord from the wall outlet and validate function. The battery may be built-in or portable.
- Inspect bed and Assist Bars/Rails bolts, if loose tighten and if missing replace.

Control Box

- Check power cord for chafing, cuts or wear.
- Ensure all attachment hardware and brackets are tight.
- Check electrical connections for wear or fractures.
- Verify that all actuator connections are tight.
- Ensure all electrical connections are fully engaged.

Pendant

- Check pendant cord for chafing, cuts or wear.
- Check all pendant buttons for proper function.

Actuators

- Check to make sure actuators do not bind at any point throughout their full range of motion.

Authorized Accessories

- Inspect all fasteners for looseness and wear. Replace or tighten as necessary.
- Ensure welds do not have cracks and visually inspect for stress
- Ensure no tubes are bent.
- If the bed has a battery, unplug bed from wall outlet and check for proper function.
- Check staff control panel for proper function.
- Ensure proper function of all accessories.

SEMI-ANNUAL INSPECTION

- Perform all Quarterly inspections.

- Check bed floor lock mechanism for proper function.

Control Box

- Check electrical wires for chafing, cuts, or wear.
- Check electrical connections for wear or fractures.

Actuators

- Check actuator cords for chafing, cuts or wear.
- Inspect push tubes and end connections of all actuators for excess wear or bending.
- Verify that all clevis pins are in place.

Authorized Accessories

- Ensure proper function of accessory.
- Ensure no tubes are bent.

ANNUAL INSPECTION

- Perform all Quarterly and Semi-Annual inspections.

Actuators

- Inspect push tubes and end connections of all actuators for excess wear or bending.
- Verify that all clevis pins are in place and are retained by bowtie clips.

Casters

- Check that locks on casters lock properly (if equipped).
- Check that all casters roll properly.
- Check Floor Brake mechanism for proper function (roll at any height model).
- Check head end caster alignment (Bale) mechanism to verify proper function (roll at any height model).

SERVICING



DANGER SHOCK HAZARD

Possible Shock Hazard may occur if the main power supply cord for the Control Box is not unplugged from the wall outlet before any maintenance is performed on electrical components.

ACTUATORS AND CONTROL BOX

Cord and Socket Identification

- Attendant Control (Green)
- Hand Pendant (Red)
- Head Section Motor (Black)
- Foot Section Motor (Yellow)
- Hi/Lo Motor (Blue)
- Hi/Lo Motor (White)

- Battery Back-Up (Black)

Replacing Control Box

- Unplug mains cable from the wall outlet
- Unplug connections for all actuators and accessories
- Separate the control box from the actuator
- Reinstall the control box on the actuator
- Plug all connections back into control box following color coding
- Plug mains cable into wall outlet
- Test function



WARNING

When routing cables in the medical bed, precautions shall be taken to avoid squeezing between parts of the medical bed.

Replacing Actuators

- Unplug mains cable from the wall outlet
- Identify the actuator to replace
- With the help of a second person place bed on its side to remove the actuators
- Unplug actuator cord from control box
- Actuator is held in place by (2) clevis pins
- Remove bowtie clips from clevis pins
- Slide the clevis pins out of the holes
- Replace the actuator
- To reassemble bed, reverse previous steps, and make sure to:
 - Assemble clevis pins as originally installed with bowtie clips
 - Zip ties should be replaced, with cords in their original position and routing direction to the control box
- Plug mains cable into wall outlet
- Test function



DANGER

Failure to replace bowtie clips on clevis pins at each end of actuator can result in harm to the user, operator and/or equipment.



WARNING

When routing cables in the medical bed, precautions shall be taken to avoid squeezing between parts of the medical bed.

Replacing the AC Power Cord (mains cable)

- Unplug mains cable from wall outlet
- Unplug the mains cable from the control box
- Remove tie-wraps holding power cord in place on frame
- Plug the new power cord into the control box

- Route the new power cord in the same manner as the original cord ensuring use of strain relief device at head end of bed
- Replace tie-wraps to hold power cord to frame
- Plug mains cable into wall outlet
- Test function



WARNING

When routing cables in the medical bed, precautions shall be taken to avoid squeezing those between parts of the medical bed.

TROUBLESHOOTING GUIDE



WARNING

Before doing any repairs or maintenance to the bed frame, read all instructions, cautions, and warnings. Repairs should be done by a skilled technician.

Effect	Possible Cause	Verification	Corrective Action
Bed does not stay in place	Floor lock is not engaged	Yellow indicator on caster housing is visible.	Activate Floor Lock
		There may be an object in-between the floor and casters, the floor may be slippery	Clean the floor; remove any objects that may be in the way. Make sure the floor is dry.
	Floor lock is not functioning	Floor lock stuck in one position	Contact Primus Medical by Drive 1-877-374-8763
Bed not steering correctly	Bed is only moving straight forward not side to side	Caster alignment mechanism (Bale) is down	Lift caster alignment mechanism (Bale) up and bed will move in desired direction

Effect	Possible Cause	Verification	Corrective Action
	Bed is moving side to side	Caster alignment mechanism (Bale) is up	Push caster alignment mechanism (Bale) down and bed will move straight
Actuators not working	Wire connections may be loose or damaged	Visually check wire connections for looseness or fraying	Reconnect any loose wires and/or power cords. If cord is damaged replace immediately
	Hi/Lo lockout may be on	The light on the attendant control panel is on	Unlock panel by pushing lock button and light will go off
	Faulty mains cable (power cord)	Disconnect power cord from bed that is not functioning and use on another bed that is functioning, Reconnect the power and test functions on that bed.	Contact Primus Medical by Drive 1-877-374-8763
	Faulty pendant	Disconnect pendant and test bed function with known working pendant.	Contact Primus Medical by Drive 1-877-374-8763

Effect	Possible Cause	Verification	Corrective Action
Bed stalls while operating	Thermal shut down	Bed works for a short period of time then cuts out. Check for obstructions or any interference with bed frame, such as window sill or too much weight on bed frame.	Wait a period of time before using the bed frame again. DO NOT keep trying to override this as it will shorten the life of your product. Bed is intended to be used for 2 min then allowed to rest for 18 min.

WARRANTY

PrimeCare P902 Long Term Care Beds are guaranteed for a 3 year period from the date of delivery. This guarantee is against defects in materials and craftsmanship, under normal use and service.

This 3-year warranty includes electrical and mechanical parts and components. Bed mounted accessories and Head/Foot boards are covered for 1 year. Welds are covered under a limited lifetime¹ warranty of the product. Steel structural components are covered under the 15-year warranty from the date of delivery. During the warranty period, defective items will be repaired or replaced at Drive's option at no charge.

- ✓ Limited Lifetime warranty on welds.
 - ✓ 15 year warranty on structural steel frame.
 - ✓ 3 year warranty on electrical and mechanical parts and components.
 - ✓ 1 year warranty on all other parts and components.
- The PrimeCare P902 bed should only be used for its intended purpose and must be maintained and serviced in accordance with the instructions contained in this User Manual.
 - This warranty will not apply if damage or mechanical failure is caused by abuse, improper assembly/use/cleaning/repair, accident, negligence, unauthorized alteration, or use in inappropriate environmental conditions, or failure to maintain the product consistent with user and service instructions.
 - Any change, adjustments, or repair not performed by a Drive Medical Authorized Distributor or technician, will void the warranty.
 - This warranty is extended only to the original owner who purchased this product new and unused from Drive Medical or a Drive Medical Authorized dealer/Distributor. Warranty is not

extended and is not transferable or assignable to any subsequent purchaser or future owners.

- Drive Medical's liability shall not exceed the original purchase price of this product.
- Any Repair work or replacement components provided shall not extend the warranty beyond the original warranty period.
- Request for Warranty coverage must be accompanied by valid serial number from the bed. Coverage is void if serial number has been removed, defaced, or altered.

¹ Weld life time defined as 20 years from date of delivery

Parts

Primus Medical by Drive beds contain a variety of parts that wear from normal use. Some products are not covered under the 3-year warranty but do fall under the 90 day warranty, such as DC batteries. Drive Medical's responsibility under this warranty is limited to supplying replacement parts, servicing or replacing, at its option, which are found to be faulty by Drive Medical.

Warranty replacement parts are covered by the warranty until the product's 3- year warranty period expires. For warranty replacement, Drive Medical requests that broken parts be sent back to them for evaluation. A credit will be issued only after the inspection and determination of cause.

Service

A majority of service requests can be handled by the facility maintenance department with assistance from Drive tech support. If a Drive technician is required, one will be provided by Drive Medical at our discretion.

Most parts can be shipped next day air at the customer's expense.

This warranty is extended to the original purchaser of the equipment.

Bed Frame Serial Numbers

When ordering parts or contacting an Authorized Distributor's Customer Service Department, please include bed's model and serial numbers, found on the identification labels. The identification labels are located under the sleep deck on the frame rail below the head section on either side of the bed.

Sales and Service

Contact Drive Medical if you need any help with installation, usage or maintenance of the product.

Corporate Office: Drive Medical, 99 Seaview Blvd., Port Washington, NY 11050


Ph: 1-877-374-8763 Fax: 516-988-4601

Website: www.drivemedical.com

Manufacturer: Land America/World Gear (Xiamen) Sporting Goods Co., Ltd

END OF LIFE DISPOSAL

- Many components of this product may be recycled.
- Please dispose of non-recyclable items properly.

	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>
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NOTE: *The information within this document is subject to change without notice. This manual includes important information about safety of personnel and equipment. As you read through this manual be aware of the four signal indicators.*

APPENDIX

SPECIAL NOTE

For your convenience, we have provided the April 2010 edition of the FDA's guide to bed safety. This information from the FDA's brochure, published by Hospital Bed Safety Workgroup, is replicated verbatim; the latest version is available at <http://www.fda.gov>.

A Guide to Bed Safety Bed Rails in Hospitals, Nursing Homes and Home Health Care: The Facts

Bed Rail Entrapment Statistics

Today there are about 2.5 million hospital and nursing home beds in use in the United States. Between 1985 and January 1, 2009, 803 incidents of patients* caught, trapped, entangled, or strangled in beds with rails were reported to the U.S. Food and Drug Administration. Of these reports, 480 people died, 138 had a nonfatal injury, and 185 were not injured because staff intervened. Most patients were frail, elderly or confused.

** In this brochure, the term patient refers to a resident of a nursing home, any individual receiving services in a home care setting, or patients in hospitals.*

Patient Safety

Patients who have problems with memory, sleeping, incontinence, pain, uncontrolled body movement, or who get out of bed and walk unsafely without assistance, must be carefully assessed for the best ways to keep them from harm, such as falling.

Assessment by the patient's health care team will help to determine how best to keep the patient safe. Historically, physical restraints (such as vests, ankle or wrist restraints)

were used to try to keep patients safe in health care facilities. In recent years, the health care community has recognized that physically restraining patients can be dangerous. Although not indicated for this use, bed rails are sometimes used as restraints. Regulatory agencies, health care organizations, product manufacturers and advocacy groups encourage hospitals, nursing homes and home care providers to assess patients' needs and to provide safe care without restraints.

The Benefits and Risks of Bed Rails

Potential benefits of bed rails include:

- Aiding in turning and repositioning within the bed.
- Providing a hand-hold for getting into or out of bed.
- Providing a feeling of comfort and security.
- Reducing the risk of patients falling out of bed when being transported.
- Providing easy access to bed controls and personal care items.

Potential risks of bed rails may include:

- Strangling, suffocating, bodily injury or death when patients or part of their body are caught between rails or between the bed rails and mattress.
- More serious injuries from falls when patients climb over rails.
- Skin bruising, cuts, and scrapes.
- Inducing agitated behavior when bed rails are used as a restraint.
- Feeling isolated or unnecessarily restricted.
- Preventing patients, who are able to get out of bed, from performing routine activities such as going to the bathroom or retrieving something from a closet.

Meeting Patients' Needs for Safety

Most patients can be in bed safely without bed rails. Consider the following:

- Use beds that can be raised and lowered close to the floor to accommodate both patient and health care worker needs.
- Keep the bed in the lowest position with wheels locked.
- When the patient is at risk of falling out of bed, place mats next to the bed, as long as this does not create a greater risk of accident.
- Use transfer or mobility aids.
- Monitor patients frequently.
- Anticipate the reasons patients get out of bed such as hunger, thirst, going to the bathroom, restlessness and pain; meet these needs by offering food and fluids, scheduling ample toileting, and providing calming interventions and pain relief.

When bed rails are used, perform an on-going assessment of the patient's physical and mental status; closely monitor high-risk patients. Consider the following:

- Lower one or more sections of the bed rail, such as the foot rail.
- Use a proper size mattress or mattress with raised foam edges to prevent patients from being trapped between the mattress and rail.
- Reduce the gaps between the mattress and side rails.

Which Ways of Reducing Risks are Best?

A process that requires ongoing patient evaluation and monitoring will result in optimizing bed safety. Many patients go through a period of adjustment to become

comfortable with new options. Patients and their families should talk to their health care planning team to find out which options are best for them.

Patient or Family Concerns About Bed Rail Use

If patients or family ask about using bed rails, health care providers should:

- Encourage patients or family to talk to their health care planning team to determine whether or not bed rails are indicated.
- Reassure patients and their families that in many cases the patient can sleep safely without bed rails.
- Reassess the need for using bed rails on a frequent, regular basis.

To report an adverse event or medical device problem, please call FDA's MedWatch Reporting Program at 1-800-FDA-1088.

For additional copies of this brochure, see the FDA's [Hospital Bed website](#).

For more information about this brochure, contact Beryl Goldman at 610-335-1280 or by e-mail at bgoldman@kendaloutreach.org. She has volunteered to answer questions.

For information regarding a specific hospital bed, contact the bed manufacturer directly.

Developed by the Hospital Bed Safety Workgroup

Participating Organizations:

- AARP
- ABA Tort and Insurance Practice Section
- American Association of Homes and Services for the Aging
- American Health Care Association
- American Medical Directors Association
- American Nurses Association
- American Society for Healthcare Engineering of the American Hospital Association
- American Society for Healthcare Risk Management
- Basic American Metal Products
- Beverly Enterprises, Inc.
- Care Providers of Minnesota
- Carroll Healthcare
- DePaul College of Law
- ECRI
- Evangelical Lutheran Good Samaritan Society
- Hill-Rom Co., Inc.
- Joerns Healthcare, Inc.
- Joint Commission on Accreditation of Healthcare Organizations
- Medical Devices Bureau, Health Canada
- National Association for Home Care
- National Citizens' Coalition for Nursing Home Reform
- National Patient Safety Foundation
- RN+ Systems
- Stryker Medical

- The Jewish Home and Hospital
- Untie the Elderly, The Kendal Corporation
- U.S. Food and Drug Administration

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