

Bariatric Bed

Bari10A

Model 2230

stryker®

Operations/Maintenance Manual



For Parts or Technical Assistance:
USA: 1-800-327-0770 (option 2)

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Introduction

INTENDED USE

The Bari10A Bariatric bed is intended for use as an adjustable mattress platform that articulates for resident/patient and caregiver convenience.

The Bari10A Bariatric bed manual is designed to assist you with the safe operation and maintenance of the Bariatric bed. Carefully read this manual thoroughly before using the equipment or beginning maintenance on it. To ensure safe operation of this equipment, it is recommended that methods and procedures be established for educating and training staff on the safe operation of this Bariatric bed.

The optional patient helper is intended to be used in conjunction with the Bari10A Bariatric bed frame. It is intended to provide support, increase stability while the patient is repositioning himself/herself; it is not intended to support the entire patient's weight.

PRODUCT DESCRIPTION

The Bari10A Bariatric bed has side rails on the head and foot sections which fold down for easy patient access and caregiver safety. There are four DC motors which provide quiet and smooth operation. Heavy duty casters provide easier mobility, featuring center line caster locks. The four section sleep surface can be positioned in several ways to aid the reduction of skin shear. No tools are needed to remove the head and foot boards.

BARIATRIC BED FEATURES

- Trendelenburg/ Reverse Trendelenburg: The trendelenburg (greater than 12%) and reverse positioning (15.3%) allows caregivers to provide additional angles of comfort for specific patient needs.
- Extended Length: Integrated foot end extension section extends an extra 8" for taller patients.
- Low/High Position: The fully articulated mattress support platform can be used in the low and high positions to ensure safety while allowing for safe patient handling by the caregiver.
- Assist Handles: Easy, convenient, one hand width extensions provide for restraint free support for patient transfers.
- Safe Floor Gap: The lowered side rails maintain a safe floor gap to keep the staff safe and avoid potential foot injury when lowering the bed.
- Scale Interface: Integrated electronic bed scale system, fully contained within the foot board to allow patients to be weighed while in the bed.
- Side Rail Release: Side rails on head and foot sections easily fold down for quick patient access and caregiver safety.
- CPR Release: Emergency manual release for head section.
- Angle Indicator: The angle indicator allows caregivers to read the TRT angle.
- Lockout Function: Separate selective override lock-out function for caregiver to limit bed position for specific patient care.

OPTIONAL PATIENT HELPER FEATURES

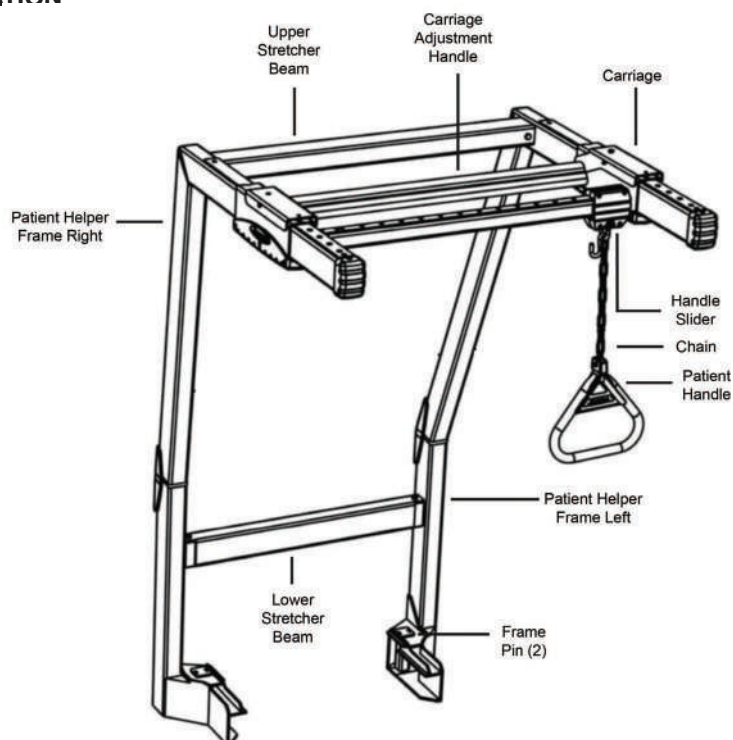
- Safe working load of 400 lbs.
- Designed to work in conjunction with the Bari10A fully-articulated mattress support platform. Also features an angled frame to avoid wall damage in the trendelenburg position.
- Patient helper handle can be positioned left and right as well as forward and back for enhanced patient comfort.
- Easy rear mounting using existing bed frame mounting locations.
- Integrated bed frame mounts.

Introduction

BARIATRIC BED ILLUSTRATION



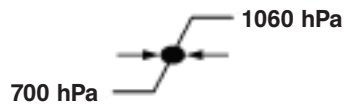
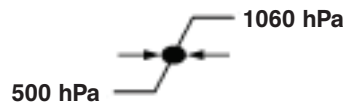
OPTIONAL PATIENT HELPER ILLUSTRATION



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Introduction

SPECIFICATIONS

Bariatric Bed			
Safe Working Load		1,050 pounds	476,2 kg
Dimensions	Mattress support platform	36" (Wide) x 80" (Length)	91,4 cm x 203,2
	Mattress support platform Expandable	48" (Wide) x 88" (Length)	121,9 cm x 223,5 cm
	Configurations	36" (Wide) x 80" (Length)	91,4 cm x 203,2 cm
		48" (Wide) x 80" (Length)	121,9 cm x 203,2 cm
		36" (Wide) x 88" (Length)	91,4 cm x 223,5 cm
48" (Wide) x 88" (Length)		121,9 cm x 223,5 cm	
Product Weight		700 lbs	317,5 kg
Mechanical Specifications	Overall Bed	65 degrees to horizontal	
	Max. Back Section	65 degrees to horizontal	
	Max. Knee Section	35 degrees to horizontal	
	Max. Knee to Leg	45 degrees	
Electrical Specifications	Scale System	Power: 9V DC (6 Alkaline D Cells)	
	Actuators	• Power: 115 VAC North American • Frequency: 60 Hz • Current Rating: 6.0 Amps • Classification: Class 1, Type B • Mode of Operation: 10% Maximum duty cycle • Circuit Protection: Auto reset current sensors Note: Actuators operate on a 24V DC system with an integral battery backup.	
Classification	UL/C-UL CLASSIFIED: Medical and Dental Equipment, UL 60601-1, Risk Class 2G Note: UL Classification refers to the power unit only, not the complete mattress replacement system.		
Environment Conditions		Operations	Storage and Transportation
Ambient Temperature			
Relative Humidity (Non-Condensing)			
Atmospheric Pressure			

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Introduction

Optional Patient Helper			
Safe Working Load		400 pounds	181 kg
Dimensions (installed on Bed frame)	Depth	44-3/4"	113,5 cm
	Width	40"	101,6 cm
	Height	63-1/4"	160,7 cm
Patient Handle Slider		29"	73,7 cm
Carriage Assembly		15-1/4"	38,7 cm
Product Weight		200 lbs	91 kg

Scale System			
Safe Working Load		1050 pounds	478,2 kg
Accuracy		0.5% of resident/patient weight or 0.5 lb, whichever is greater, from 250 to 1050 lbs, while bed is in flat position.	
Auto Power Down		Scale System will automatically power down in 60 seconds to conserve battery life.	
Averaging		Automatic Digital Filter samples weight data to filter motion.	
Power Supply		(6) "D" Cell Alkaline Batteries.	

Stryker reserves the right to change specifications without notice.

Specifications listed are approximate and may vary slightly from unit to unit or by power supply fluctuations.

Introduction

WARNING / CAUTION / NOTE DEFINITION

The words WARNING, CAUTION, and NOTE carry special meanings and should be carefully reviewed.

WARNING

Alerts the reader about a situation, which if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.

CAUTION

Alerts the reader of a potentially hazardous situation, which if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

Note

This provides special information to make maintenance easier or important instructions clearer.

Symbols

	Warning / Caution - Consult accompanying documentation
	Safe Working Load
	Medical Equipment Classified by Underwriters Laboratories Inc. with respect to Electric Shock, Fire, Mechanical and Other Specified Hazards Only in Accordance with UL 60601-1, First Edition (2003) and CAN/CSA C22.2 No. 601.1-M90 with updates 1 and 2.
IPX4	Protection from liquid splash

Summary of Safety Precautions

Important Notice: All equipment must be installed and operated in the manner for which it was intended. Facility staff and other operators of this equipment are responsible for reading and understanding the product user and service manual prior to performing any operation or maintenance on this product.

SAFETY SUMMARY

1. Do not install or use the optional patient helper without first reading and understanding the entire manual.
2. The patient helper is intended to be used in conjunction with the Bari10A Bariatric bed. It is intended to provide support, increase stability while the patient is repositioning himself/herself; it is not intended to support the entire patient's weight.
3. Ensure the carriage assembly is securely seated in frame after adjusting.
4. After installation and before use, ensure all attaching hardware is tight and secure.
5. Always position the handle directly above the patient. The handle should be grabbed with both hands and pulled straight down. Do not put the handle at an angle as injury may occur.



WARNING

- The Bari10A Bariatric bed is intended for use as an adjustable mattress platform that articulates for resident/patient and caregiver convenience. Use of this product in a manner for which it was not designed could result in unproven or unsafe configurations, potentially resulting in injury or death.
- Before adjusting bed, ensure that the area under and near the bed perimeter is free of people and obstructions. Failure to do so could result in injury.
- Keep bed in the lowest position except when providing care (bathing, clothing changes, etc). Bed should be at lowest convenient height for entry or exit. Failure to do so could result in injury.
- Floor locks increase bed stability and resident/patient safety. Floor and caster swivel locks must be locked prior to any resident/patient transfer or resident/patient use of the bed. Failure to do so could result in injury or death.
- Residents/patient may become entangled in pendant cord. Patient's with reduced mental acuity should not be allowed access to pendant. Unsupervised use of pendant could result in injury or death.
- Do not exceed the bed frames safe working load of 1,050 pounds. This is the total weight counting resident/patient, mattress, bedding and any other equipment or persons likely to be on bed. Exceeding the safe working load could result in property damage, injury or death.
- Use nasal mask or half bed tent oxygen administering equipment. Oxygen tent should not extend below mattress support platform. Pendant should not be placed in an oxygen-enriched environment such as an oxygen tent. Use of electrical circuits in an oxygen-enriched environment could result in a fire hazard.
- Unplug power cord from wall outlet before performing any maintenance, cleaning, or service to the bed. Failure to do so could result in injury or death. **Note:** In case of unexpected movement, unplug the bed from any outlet.
- Injury may result from improper routing of the power cord. Always follow the proper factory installed routing configuration. Failure to do so could result in injury or death.
- Use a mattress that is properly sized to fit mattress support platform, which will remain centered on mattress support platform relative to state and federal guidelines. Length and width should match mattress support platform. Use of any improperly fitted mattress could result in injury or death.
- If a resident/patient's mental or physical condition could lead to resident/patient entrapment, the mattress support platform should be left in the flat position when unattended. Failure to do so could result in injury or death.
- Use a properly sized mattress in order to minimize the gap between the side of mattress and side rails/assist devices. This gap must be small enough to prevent resident/patient from getting his/her head or neck caught in this location. Make sure that raising or lowering bed, or articulating the sleep surface, does not create any hazardous gaps. Excessive gaps may result in injury or death.
- Do not use any side rails/assist devices until you verify it is locked in place. Failure to lock assist devices may result in injury or death.
- Do not use any replacement parts not manufactured, marketed, or provided by Stryker. Use of unapproved replacement parts may result in injury or death.

Summary of Safety Precautions



WARNING (CONTINUED)

- If using accessories not manufactured, marketed, or provided by Stryker for the Bari10A bed, consult with the manufacturer for compatibility and limitations prior to use. Failure to do so may result in injury or death.
 - Bed power cord has a hospital-grade, 3-prong grounded plug. Grounding reliability can only be achieved when equipment is connected to an equivalent receptacle marked hospital-grade. If external grounding conductor is in doubt, operate bed from backup battery. Failure to do so could result in injury.
 - Do not use in the presence of flammable anesthetics, gas or vapors. Failure to heed this warning could result in equipment damage, injury or death.
 - To reduce the risk of injury, ensure the sleep surface is horizontal and in the lowest position with the side rails fully raised and locked when moving the bed with a resident/patient in it. For best maneuverability performance, push the bed from the head end.
 - To avoid injury to the resident/patient and/or user, do not attempt to move the bed laterally with the steer mode engaged. The steer wheel can not swivel.
 - After installation of patient helper and before patient use, articulate the bed from its highest through lowest position to ensure proper clearance and operation.
 - The patient helper adjustable carriage must be secured in place before patient use.
 - Service and repair must only be performed by qualified, authorized Technical Support personnel.
-



CAUTION

- Stay clear of the underside of bed when adjusting or moving the bed.
- Mattress support platform is not grounded, nor does it have a potential equalization connection point. To prevent injury to resident/patient connected to intravascular or intercardial medical equipment, alternate measure must be implemented to equalize the potential between mattress support platform and medical equipment.
- To avoid damage to the side rail mechanisms, do not move the bed using the side rails. Use the push/pull handles integrated on the end boards to move the bed.
- Before transporting bed, lower the bed, unplug bed from power source, route power cord around cord storage hooks on bed frame below head board and hang pendant cord from foot board. Failure to do so could result in power cord, pendant cord or bed damage, thereby creating a potential hazard.
- Precaution must be considered during exposure to strong emission source such as high frequency surgical equipment and similar devices. Do not route high frequency cables on or near device. If in doubt, contact a qualified technician.
- Whenever bed is moved, be alert as to potential interferences with lights, wall mounted televisions, door jams, etc.
- When accessing the risk for entrapment, you need to consider your bed, mattress, head/foot boards, side rails/assist device and other accessories, as a system. It is also extremely important to review the resident/patient's physical and mental condition and initiate an appropriate individual care plan to address entrapment risk. All Joern bed systems are evaluated for compliance to the FDA/CDRH "Hospital Bed System Dimensional and Assessment Guidance to Reduce Entrapment".

Setup Procedures - Bariatric Bed

INSTALLATION OF HEAD AND FOOT BOARDS

1. Insert head and foot board support rods into their respective receptacles in the frame (Figure 1).

Note: Scale System Display located on outside of foot board must face away from bed (Figure 1).

2. Connect Scale System quick release electrical connector from the bed to foot board rear bottom fixed connector (Figure 2).

Note: This is a quarter-turn fastener. Check to insure it is firmly secured.

3. Power cord supplies power to bed's actuator system. Plug power cord into grounded hospital-grade receptacle (115VAC, 15 amps).

Note: To achieve optimum actuator system battery life, keep the bed plugged in at all times.

4. Power cord is the main disconnect device. To disconnect the mains, unplug power cord. Backup battery powers the actuators when power cord is unplugged.

5. Whenever bed is cleaned or serviced, it should be unplugged from wall outlet. Selective function lockout should be set to lock all functions to keep bed from accidentally operating using battery backup.

Note: To avoid electric shock, always plug bed into properly grounded hospital-grade receptacle.

6. Actuator battery backup is not user serviceable. If service is required, contact Stryker Technical Support at 1-800-327-0770 (option 2).

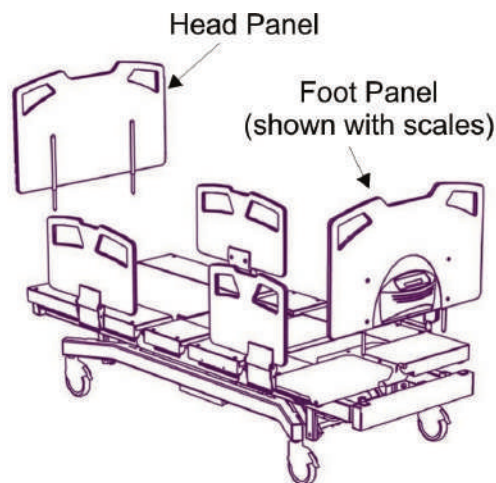


Figure 1

LOCKOUT CONTROL

1. Activate selective function lockout on bed frame to keep resident/patient from operating actuators with pendant. Refer to selective function lockout instructions on [page 17](#).

WARNING

Use selective function lockout to deactivate bed when resident/patient movement or inadvertent activation of bed functions by resident/patient or staff member could result in personal injury.

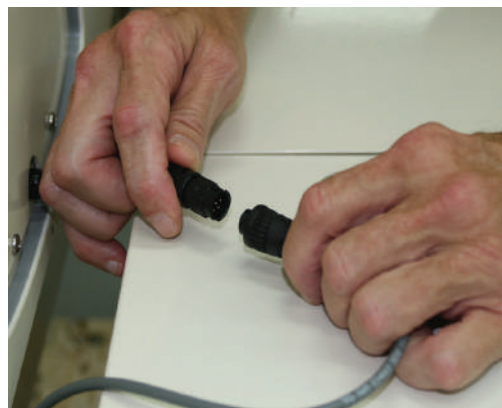


Figure 2

HEAD/FOOT BOARD REMOVAL

1. Head/foot boards remove easily. Replace by simply lifting straight up or pushing straight down (Figure 1).

CAUTION

Disconnect Foot board scale system cable before removing Foot board (Figure 2).

2. Head/foot board pins fit tightly in respective frame receptacles. This may cause binding during removal and replacement.
3. To minimize binding, grasp head board or foot board at both lower corners and lift/push evenly.

Setup Procedures - Optional Patient Helper

Lower the bed to its lowest position or to a comfortable working height.

CAUTION

Use caution when maneuvering the components into position described in the following installation steps. Be aware of your surroundings and any potential obstacles.

1. Place the left patient helper frame on the left side of the rear bed frame.
2. Drop (1) frame pin in place securing the left patient helper frame to the bed frame (see Figure 3). Secure frame pin with hair pin.
3. Install lower stretcher beam to the left patient helper frame, loosely bolt with 3/8" bolt and nylon locking nut (see Figure 4).

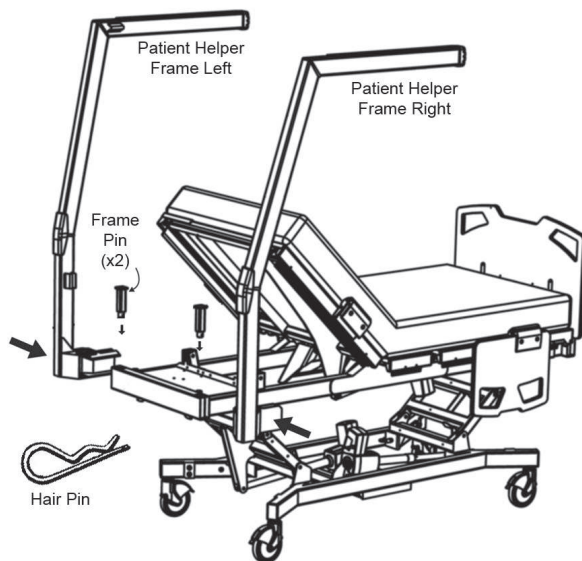


Figure 3

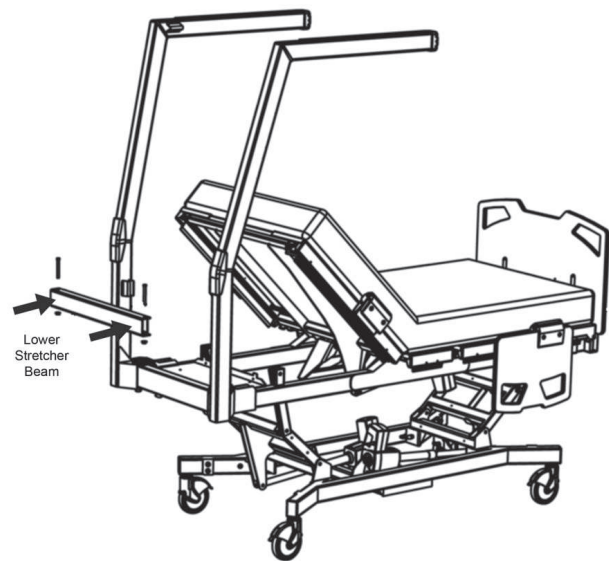


Figure 4

4. Place the right patient helper frame on the right side of the rear bed frame.
5. Drop (1) frame pin in place securing the trapeze arm to the bed frame (see Figure 5). Secure frame pin with hair pin.



Figure 5

Setup Procedures - Optional Patient Helper

6. Loosely bolt lower stretcher with 3/8" bolt and nylon locking nut.
7. Install upper stretcher beam to the patient helper frame, loosely bolt with 3/8" bolts (2) and nylon locking nuts (2) (see Figure 6).
8. Fit carriage assembly over the patient helper frames.
9. Install carriage bottom plates (2) to the carriage with (2) fasteners per side (see Figure 7). Utilize the center holes on each side.



Figure 6

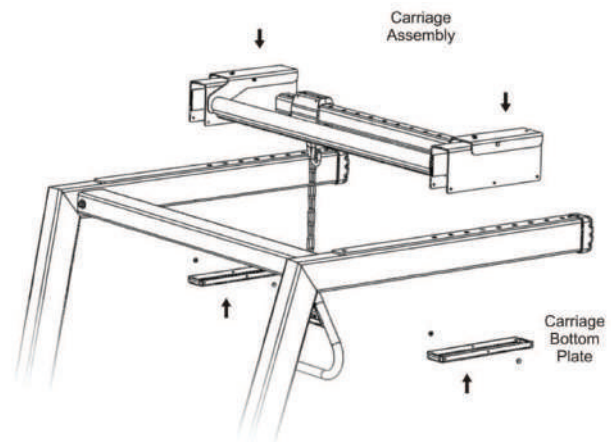


Figure 7

10. Install carriage bottom caps (4) to the carriage assembly with (4) fasteners per side (see Figure 8).

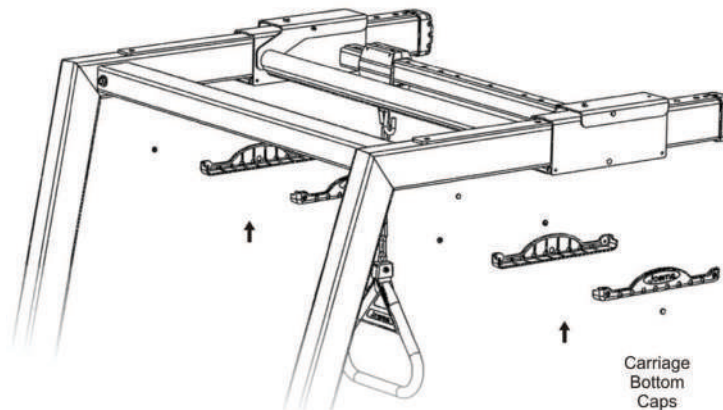


Figure 8

11. Slide carriage assembly as far forward as possible to middle of bed. Tighten lower stretcher nuts from steps 3-6 (see Figure 4 and 5).
12. Slide carriage assembly as far rearward as possible to the head end of bed. Tighten the upper stretcher nuts from step 7 (see Figure 6).
13. Check that carriage assembly moves freely back and forth when carriage adjustment handle is squeezed (enabled).
14. Recalibrate the scale to ensure proper reading of patient weight (refer to calibration procedures on [page 22](#)).

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Operation Guide - Bariatric Bed

BED INITIAL STARTUP

1. After positioning bed, always lock all casters. Bed must reach proper operating temperature before plugging power cord into grounded hospital-grade receptacle.

CAUTION

It is critically important to lock all four casters individually to prevent unintended bed movement.

BED RESIDENTIAL/PATIENT TRANSFER

1. Lock casters and make sure mattress support platform is in non-extended position (narrow).
2. Lower side rails and lower residential/patient in carefully controlled manner onto bed.

CAUTION:

It is critically important to lock all four casters individually to prevent unintended bed movement.

BED EMERGENCY MANUAL MATTRESS SUPPORT PLATFORM RELEASE

1. The quickest way to lower all mattress support platform parts is to power down with pendant-controlled actuators.
Note: To lower bed in case of power and battery backup failure, use emergency manual mattress support platform release to lower head and foot mattress support platform sections (see Figure 9).
2. To return mattress support platform to flat position in case of power and battery backup failure, rotate emergency manual mattress support platform release lever up. Hold emergency release handle up until mattress support platform lowers to desired position. Release handle if you need to stop descent.

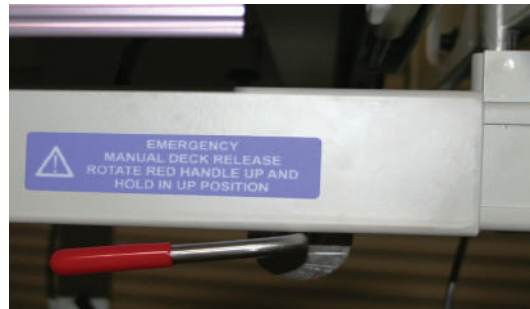


Figure 9

PENDANT CONTROL

1. Your Bari10A bed comes standard with pendant control (see Figure 10). Resident/patient and staff can use the pendant to adjust all mattress support platform sections to desire positions.
2. Pendant has raised push buttons with graphics and may be hooked on rails or boards for convenient resident/patient and staff access.

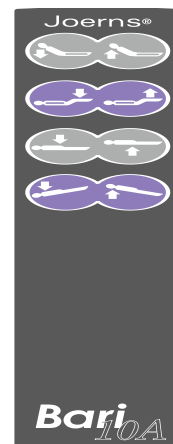


Figure 10

Operation Guide - Bariatric bed

SELECTIVE FUNCTION LOCKOUT

1. Selective function lockout switch box is located on bed frame side rail near the foot board (Figure 11). Three switches on the box allow for certain pendant functions to lock out separately (Figure 12).
2. Lockout is intended for use by caregiver when limiting bed positions for specific resident/patient care.
3. To lock/unlock functions, rotate switch until it clicks into position.
 - a. Rotate switch to lock/unlock **Raise Back** function.
 - b. Rotate switch to lock/unlock **Hi-Lo Trendelenburg** function.
 - c. Rotate switch to lock/unlock **Raise Knee** function.



Figure11

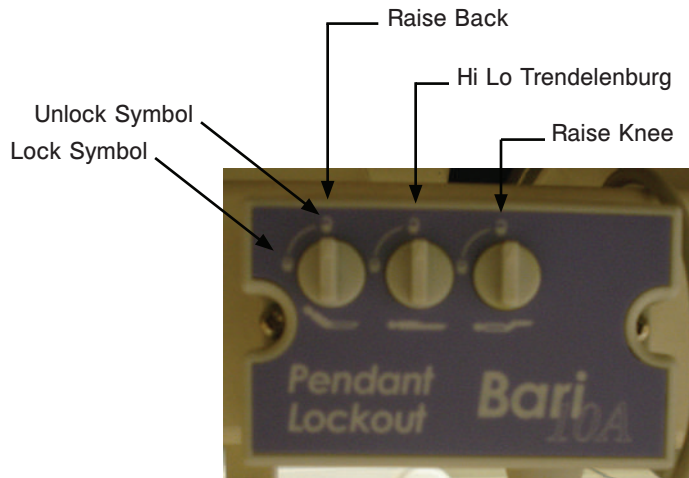


Figure12 - Pendant Lockout Operation

SIDE RAILS/ASSIST DEVICES

1. Bari10A has one head end side rail and one foot end side rail on both sides of bed (Figure 13).
 2. Side rails are attached and operated by latch hinge mechanism.
 3. Pull bottom of latch hinge outwards to lower side rails (Figure 14).
- Note:** Latch hinge locks side rail only in up position.
4. Lower Side Rails gently.



Figure13

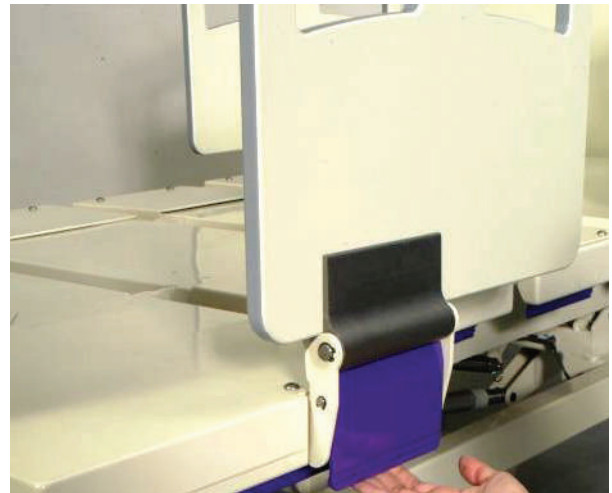


Figure14

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Operation Guide - Bariatric bed

CASTERS

1. All (4) casters securely lock bed in place.
2. All casters have full swivel/rotation locking in any position.
3. Simply push caster lock lever (Figure 15) down to lock and up to unlock (Figure 16).

CAUTION

It is critically important to lock all four casters individually to prevent unintended bed movement.



Figure 15



Figure 16

STEER PEDAL (OPTIONAL)

A bed equipped with this option has a fifth wheel activated by lateral brake/steer pedals on either side of the bed. The fifth wheel helps in guiding the bed along a straight line and helps the bed pivot around corners.

WARNING

- To reduce the risk of injury, ensure the sleep surface is horizontal and in the lowest position with the side rails fully raised and locked when moving the bed with a resident/patient in it. For best maneuverability performance, push the bed from the head end.
- Fifth wheel must be disengaged to use scale.
- To avoid injury to the resident/patient and/or user, do not attempt to move the bed laterally with the steer mode engaged. The steer wheel can not swivel.

CAUTION

To avoid damage to the side rail mechanisms, do not move the bed using the side rails. Use the push/pull handles integrated on the end boards to move the bed.

STEER PEDAL OPERATION

(Refer to Figure 17)

1. To engage the steer wheel, fully depress the side of the pedal identified with a green label and represented by the **ENGAGE** green arrow.
2. To disengage the steer wheel, fully depress the side of the pedal identified with a red label and represented by the **DISENGAGE** red arrow.

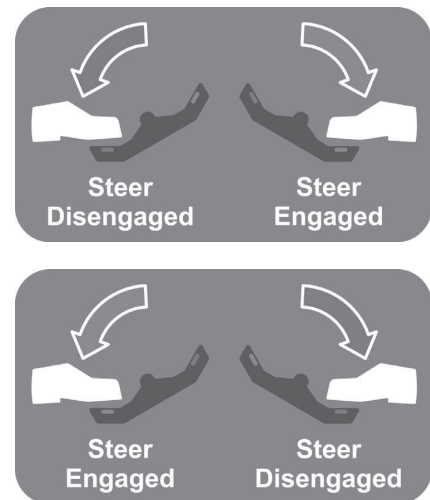


Figure 17

Operation Guide - Bariatric bed

MATTRESS SUPPORT PLATFORM WIDTH EXTENDERS

1. The four mattress support platform (MSP) sections each have a 6" width extender on both sides of the bed (Figure 18).
2. Release width extender by pulling latch handle along the bottom edge of each MSP section (Figure 19).

Note: Width extenders lock in either full open or full closed position and should only be used in these positions. Side rails move with the width extenders.

CAUTION

Extend all four sections on each side prior to adjusting bed position or side rails.

WARNING

Use width extenders only after the resident/patient is safely positioned in the bed. Failure to do so could result in injury.

MATTRESS SUPPORT PLATFORM LENGTH EXTENDER

1. Mattress support platform (MSP) Foot Section has an 8" length extender, as does the foot end of the bed frame. (Figure 20).
2. Both MSP length extender and the frame length extender latch in the normal and extended positions.
3. Using the MSP length extender is a two-step process:
 - Slide the frame extender out first, by pulling out the latch knob on the side of the bed frame (Figure 20). Begin carefully sliding the extender out and release the latch knob as soon as the extender starts to slide so that it will automatically latch again at the extended position. Slowly pull the extender out until the latch pin clicks into its detent.
 - Reach under the center of the MSP foot section and locate the MSP extender latch knob (Figure 21). Pull the knob out to unlatch the foot section extender. Begin carefully sliding the extender and release the latch knob as soon as the extender starts to slide so that it will automatically latch again at the extended position. Slowly pull the extender out until the latch pin clicks into its detent.

WARNING

- Do not slide frame length extender past its detent. Damage to the scale cable will result.
- Prior to use of the MSP length extender, the frame length extender must be fully extended and latched. Failure to do so will result in scale connector damage.



Figure 18



Figure 19



Figure 20



Figure 21

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Operation Guide - Bariatric bed

BED MOVEMENT/TRANSPORT

Follow these general guidelines when moving the bed (specific patient's needs may necessitate such requirements).

1. Fully lower all mattress support platform sections.
2. If extended, retract mattress support platform width extensions on both sides.
Note: This may require removing mattress sections.
3. If extended, retract mattress support platform Foot extension.
4. Latch all side rails in up position.
5. Required: Place an attendant at each bed end.

CAUTION

Before transporting bed, unplug bed from power source, wrap power cord around cord storage hooks below head board, hang pendant cord from foot board, and route pendant cord inside side rails (Figure 22). Failure to do so could result in pendant cord, power cord or bed damage, thereby creating a potential hazard. Insure pendant cable and power cord are off floor and away from casters.

6. Unlock casters.
7. Deploy fifth wheel if equipped with optional steer pedal.
8. Apply even push/pull force on head bard and foot board handholds (Figure 23). When bed movement/transport is completed:
9. Always apply caster locks.

CAUTION

It is critically important to lock all four casters individually to prevent unintended bed movement.

10. Always plug bed back into power outlet so that it is continuously charging.

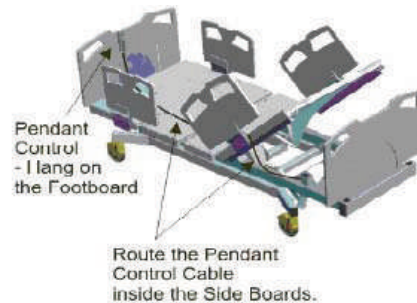


Figure 22



Figure 23

Operation Guide - Bariatric bed

SCALE SYSTEM

Bari10A bed is equipped with scale system, fully integrated within foot board (Figure 24).

SCALE SYSTEM FEATURES

Refer to Figure 25

1. Resident/patient's weight is displayed on a 16-character dot matrix liquid crystal display with LED backlighting.
2. Resident/patient's weight may be viewed in both pounds and kilograms by pushing **Weight Mode** button when displayed with resolution of 0.1-Lb/Kg (100 grams).
3. Monitor resident/patient's weight relative to zero by using **Weight Change Mode** button to observe variations in weight.
4. **Freeze/Resume** mode button provides customized ability to adjust resident/patient's comfort by adding or removing pillow or blanket or ancillary equipment, without affecting resident/patient's displayed weight.

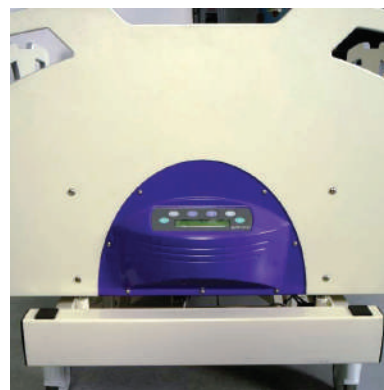


Figure 24



Figure 25

SCALE SYSTEM FUNCTIONS AND WEIGHING

Refer to Figure 25

CAUTION

5th Wheel must be disengaged to obtain an accurate resident/patient weight.

0.0 Zero

With all bed linens in place and without resident/patient in bed, press **Zero** button. Displayed message will read "PLEASE WAIT - HANDS OFF". Be sure nothing touches weight-sensitive portion of integrated Scale System while performing zeroing function. In a few seconds, display will indicate "WEIGHT = 0.0 LB".

Lb/Kg

Weight data may be viewed in either pounds or kilograms. Pressing this button allows you to switch between display modes quickly and easily. Both modes will display resident/patient's weight within 0.1 units of resolution (0.1 Lb. or 0.1 Kg.).

Freeze/Resume

Freeze/Resume mode button provides customized ability to adjust resident/patient's comfort by adding/ removing a pillow or blanket or ancillary equipment, without affecting resident/patient's displayed weight.

Press **Freeze/Resume** button. The display will read "FREEZE = (resident/patient's weight)." Make all necessary adjustments to bed or resident/patient. When done, press Freeze/Resume button again to resume normal weighing.

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Operation Guide - Bariatric bed

SCALE SYSTEM FUNCTIONS AND WEIGHING (CONTINUED)

Refer to Figure 25

Weight Change Mode

This mode is used to monitor resident/patient's weight changes. **Note:** To enable this function initially, press **Weight Change Mode** button with resident/patient in bed and then press **Zero** button to zero out weight. Display will read "WT CHG = (resident/patient weight)". Any variation in weight will now be viewed as a "+" or "-" figure relative to zero.

Weight Mode

If display shuts off before you can view weight data, simply press the **On** button to refresh display and view resident/patient's weight. Display will indicate "WEIGHT = XXX.X LB"(or KG).

Pressing **Weight Mode** button will switch back to the Weight Mode allowing you to view resident/patient's total weight again.

Note

- After initialization process is complete and scale system is still in **Weight Change Mode**, do not press **Zero** button again, or you will lose all stored resident/patient's weight history.
- If you do not press **Freeze/Resume** button before adding/removing items from bed, the weight of those items will be reflected in the displayed weight, which will be hard to adjust back to the correct stored weight.
- You can correct any weight discrepancy described above, by using **Weight Mode** (for increases) and **Weight Change Mode** (for decreases) buttons, to manually adjust displayed weight reading. You will need to know the weight of added/removed items to add/subtract from total weight.

If **Freeze/Resume** mode is left unattended for more than three minutes, display will read "LEFT IN FREEZE - REFER TO MANUAL." You must press **Freeze/Resume** button to exit this mode.

On

Button refreshes display or initiates power for scale use.

SCALE SYSTEM CALIBRATION

Refer to Figure 25

Periodic Calibration Check

1. Calibration procedure should only be performed by qualified maintenance personnel.
2. Load cell has no user serviceable components. Do not tamper with for any reason.
3. Re-calibration is generally not required, but should be verified periodically to ensure accuracy. It is recommended to perform a calibration check once every 12 months, or as your maintenance policy requires.

Electrostatic Discharge (ESD)

Integrated circuits and semiconductors on printed circuit boards may be damaged by electrostatic discharge (ESD). Be sure to use proper handling precautions at all times.

Calibration Procedure

Note: Make sure nothing is in contact with Scale System during this procedure. Be sure to remove your hands from Scale System when noting displayed calibration results.

1. Disengage 5th Wheel if equipped with optional steer pedal.
2. Press **Freeze/Resume** button.
3. When display indicates "FREEZE = (weight)", press and hold Lb/Kg button. Display will read "CAL" as right hand digit counts down to enter CAL MODE.

Operation Guide - Bariatric bed

SCALE SYSTEM CALIBRATION (CONTINUED)

Refer to Figure 25

4. When CAL MODE is shown, press **Zero** button to zero the display.
5. Place known calibrated weight onto weighing surface and compare it to displayed reading.
6. Press **Weight Mode** button for (+) corrections and **Weight Change Mode** button for (-) corrections to displayed weight. Displayed value should be within 0.5% of calibrated weight, plus or minus one digit.
7. Remove weight and re-zero. Repeat steps #4, #5 and #6, until results are satisfactory.
8. When adjustments are completed:
 - a. Press **On** button to abort your changes and exit the CAL mode, (or)
 - b. Press **Freeze** button to save all changes and exit CAL mode.

Calibration Tolerance Table

Low Limit	Applied Load (lbs)	High Limit
248.7	250	251.4
497.4	500	502.6
746.2	750	753.9
994.9	1000	1005.1

Scale System Batteries

If Scale System batteries need replacement, display will indicate "**CHANGE BATTERIES.**"

1. Remove battery cover from foot board to access scale system batteries (refer to Figure 23 and battery replacement procedures on [page 36](#)).
2. Remove all six batteries (dispose used alkaline batteries per local codes), and replace with alkaline D cell batteries.

Note: Printed circuit board vulnerable to electrostatic discharge (ESD). Avoid touching circuit board when changing batteries. Battery orientation is illustrated on battery holder.



Figure 26

Operation Guide - Optional Patient Helper

POSITIONING THE CARRIAGE

Refer to Figure 27.

1. Squeeze the carriage adjustment handle.
2. Slide the carriage to the desired position and release the carriage adjustment handle.
3. To ensure that the locator pins are securely seated in the frame it may be necessary to slide the carriage back and forth slightly.

POSITIONING THE HANDLE

Refer to Figure 27.

1. Lift the handle slider with the attached chain up (lifting the handle slider locator pins from the carriage).
2. Move the handle slider to the desired position and lower it.
3. To ensure that the handle slider index pins are securely seated in the frame, it may be necessary to move the handle slider back and forth slightly.

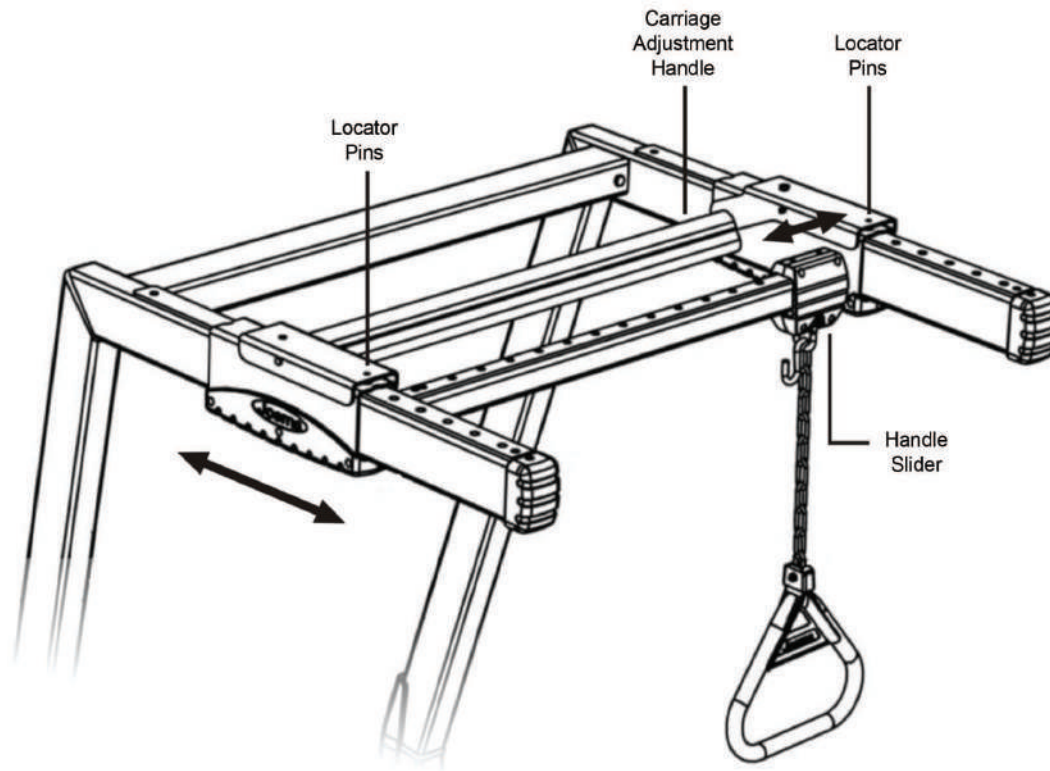


Figure 27

Cleaning and Care

BARIATRIC BED



WARNING

- Disconnect Bari10A bed Power Cord from wall outlet before cleaning.
- Do not use power wash or high pressure cleaner on any Bari10A bed part.
- Lock all four casters when cleaning, inspecting or performing any maintenance of the Bari10A bed. Lower all mattress support platform sections unless necessary for positioning for service access. Place all selective function lockout switches in locked position. Disconnect power and pendant cords.



CAUTION

It is critically important to lock all four casters individually.

1. To achieve maximum usage and longest life for your Bari10A bed, follow all warnings and cautions within this manual and maintain your bed with care, as outlined below. The maintenance required will be dictated by your bed's usage and care, which should be inspected every six months.
2. To optimize bed longevity keep bed clean and perform the preventative maintenance checklist bi-annually.

General Cleaning

- For low level disinfecting, wipe surfaces with a properly prepared detergent/disinfectant.
- Do not use abrasive cleaners. Use damp rag only when cleaning around electrical connectors and components.
- Actuator surfaces must be cleaned of dust and dirt regularly. Do not attempt to clean exposed piston rods. Never spray directly on actuator with high-pressure cleaners.

Storage

- Store in a clean dry area.
- Plug bed power cord into grounded hospital-grade electrical outlet. Actuator control system backup batteries maintain the longest life if kept charged and are not allowed to fully discharge.
- Failure to keep the Bari10A bed plugged in, will discharge backup batteries and shorten their life.
- If storing bed for periods longer than three months, remove all scale system batteries.

OPTIONAL PATIENT HELPER

The user is an important contributor to the care and continued usefulness of the optional patient helper accessory. The amount of maintenance required will be dictated by the accessory and bed's use. At a minimum, the accessory and bed should be inspected every six months. The user is depended on to:

- Keep the bed system clean.
- Observe operation of the bed system and report discrepancies.
- Perform the preventative maintenance checklist bi-annually.

General Cleaning

- Wiping surfaces with a properly prepared detergent/disinfectant carries out low level disinfecting.
- Do not use abrasive cleaners.

Cleaning and Care

SCALE SYSTEM

Cleaning

- Mild soap/water recommended for general cleaning/disinfecting.
- Exercise caution when cleaning LED electronics display window.

Storage

- Remove batteries if storing this equipment for periods longer than three months.

Preventative Maintenance

MAINTENANCE CHECKLIST

The Bari10A Bariatric bed requires an effective maintenance program. It is recommended to check the items listed below every 6 months. Use this sheet for your records. Keep on file.

Bariatric Bed

- _____ Observe bed for proper usage and operation.
- _____ Check for loose bolts, nuts or pins.
- _____ After a week of use, check all bolts for any looseness, and make sure all pins are in their normal location and fastened.
- _____ Check structural parts for any cracking (especially welds), bending or hole enlargement.
- _____ Check wiring for proper connections and damage (fraying, kinking or deterioration)..
- _____ Check actuators for correct mounting at attachment points and insure all related pins are mounted securely and properly to frame.

Note: Actuators are not serviceable.

Patient Helper

- _____ Observe bed for proper usage and operation.
- _____ Check for loose bolts, nuts or pins.
- _____ Bolts and nuts should be tightened per specified torques given in the service procedures.
- _____ After a week of use, check all bolts for any looseness, and make sure all pins are in their normal location and fastened.
- _____ Check structural parts for any cracking (especially welds), bending or hole enlargement.

Unit Serial Number:		

Completed by: _____

Date: _____

Preventative Maintenance

LUBRICATION

Recommended Lubricants

- Oil: Use 3-In-One® oil or equivalent.
- Grease: Use Super Lube® synthetic grease or equivalent.

Oiling Points

- Keep pins and bolts oiled (sample indicated by arrows in Figure 28).
- Oil hinge points (sample indicated by arrows in Figure 29).



Figure 28



Figure 29

Grease Points For Mattress support platform

- Grease side and foot extensions (sample indicated by arrows in Figure 30 & 31).



Figure 30

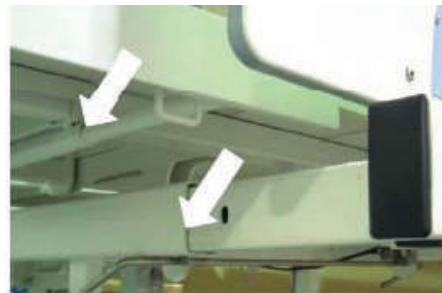
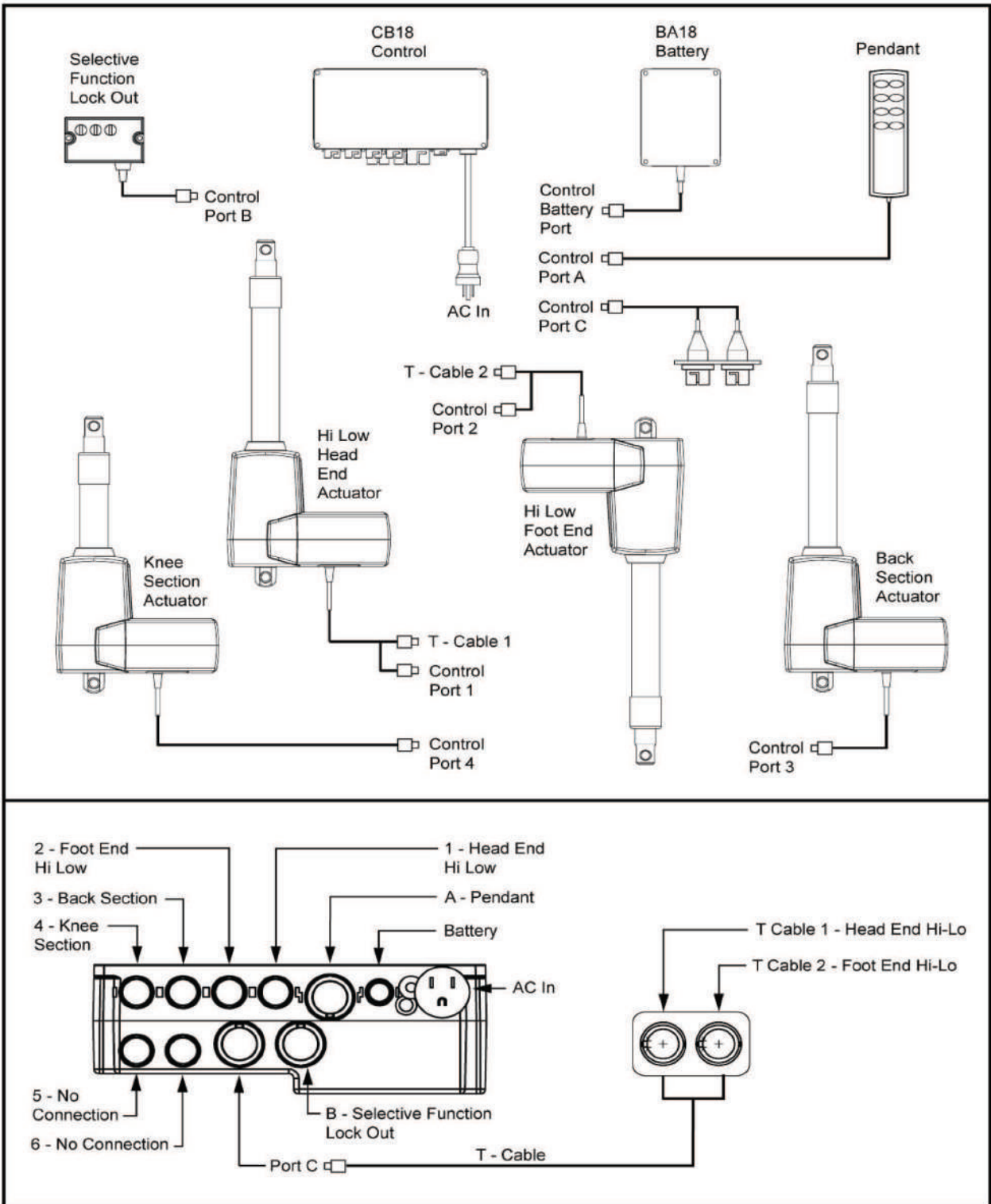
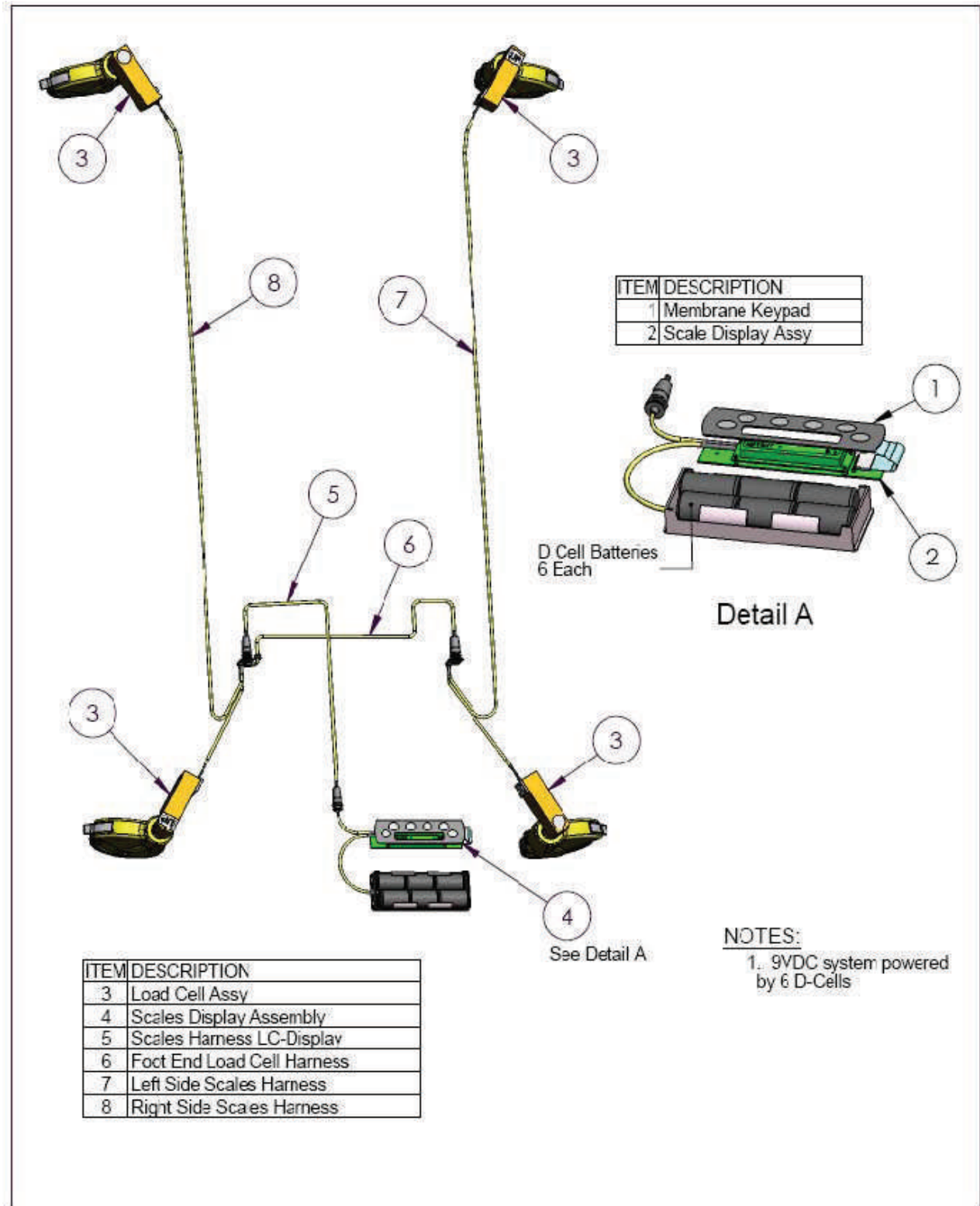


Figure 31

Wiring Diagram - Actuator



Wiring Diagram - Scale System



Troubleshooting

PENDENT CONTROL TROUBLESHOOTING

Problem / Failure	Recommended Action
If adjustment does not occur when pendant button is pushed.	1. Adjustment may be locked. Check selective Function lockout. 2. Adjustment may already be at maximum level. 3. Bed is not plugged into wall power outlet and battery has discharged. Plug bed into wall outlet. 4. Pendant cord may be damaged. Check cord for damage. If cord is damaged, discontinue bed usage until cord is replaced.
If adjustment only partially occurs, stops and beeps.	1. Battery may be low. Plug bed into power source. 2. Bed may be overloaded or constrained from moving. Determine load and check for obstructions. 3. If beeping occurs while raising or lowering bed, hi-low actuators may have lost synchronization. Lower bed to lowest position. Release bed down button. Press and hold bed down button for five seconds to recalibrate synchronization. If problems persist, contact Stryker Technical Support at 1-800-327-0770 (option 2).

BARIATRIC BED TROUBLESHOOTING

Problem / Failure	Possible Cause	Recommended Action
Bed movement with all casters locked.	1. Braking mechanisms may be worn on one or more casters.	1. Remove bed from use and contact Stryker Technical Support at 1-800-327-0770 (option 2).
Scale System display is blank after On button is pushed.	1. Batteries are dead. 2. Unit is defective.	1. Replace all six batteries. 2. Contact Stryker Technical Support at 1-800-327-0770 (option 2).
Scale System gives suspect readings.	1. Scale system cable is disconnected. 2. Scale system may need calibration. 3. Fifth wheel is engaged.	1. Reattach cable. 2. Refer to the scale system operation on page 21. 3. Disengage fifth wheel.
Mattress support platform sections do not extend.	1. Latch handles not fully disengaged. 2. Binding	1. While actuating the latch handle, try to extend the mattress support platform extension (refer to page 19). 2. Wider support platform sections may require two hands to apply equal pull force. Contact Stryker Technical Support at 1-800-327-0770 (option 2).
Mattress support platform sections do not articulate.	1. Pendant control operation. 2. Selective function lockout may have been activated. 3. Unit may be defective or damaged.	1. Refer to pendant control troubleshooting. 2. Refer to the selective function lockout procedures on page 17. 3. Remove bed from use and contact Stryker Technical Support at 1-800-327-0770 (option 2).

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Troubleshooting

Problem / Failure	Possible Cause	Recommended Action
Actuator piston rod will only move inwards and not outwards.	1. Unit may be defective or damaged. Possible synchronization problems	1. Remove bed from use and contact Stryker Technical Support at 1-800-327-0770 (option 2).
Actuator motor makes sound, but piston rod does not move.	1. Unit may be defective or damaged.	1. Remove bed from use and contact Stryker Technical Support at 1-800-327-0770 (option 2).
Actuator runs too slowly or does not give full force.	1. Unit is receiving insufficient power or, is defective. Not plugged in and running on batteries.	1. Remove bed from use and contact Stryker Technical Support at 1-800-327-0770 (option 2).

Service Information

HEAD ACTUATOR REPLACEMENT

Tools Required:

- Regular Screwdriver
- Diagonal Pliers

Procedure:

1. Plug bed into wall outlet.
2. Raise bed to the full up position.
3. Raise the head end siderails to the full up position and set the brakes on each caster.
4. Activate the CPR lever to lower the fowler all the way down.
5. Using your diagonal pliers cut the zip ties securing the actuator cable to the wire harness.
6. Unplug the actuator from the control box.
7. Holding the actuator with one hand remove the clevis pins from the actuator and carefully lower the actuator down.
8. Using a regular screwdriver, loosen the CPR cable retainer on the actuator just enough so it will move.
9. Slide the gray cable retainer lock towards the CPR cable retainer and unclip the CPR cable from the red actuator release activator.
10. Unplug the cable quick connect and remove the actuator.
11. Reverse the steps to install the new actuator.
12. Test all bed functionality prior to putting the bed back into service.

GATCH ACTUATOR REPLACEMENT

Tools Required:

- Diagonal Pliers

Procedure:

1. Plug bed into wall outlet.
2. Raise bed to the full up position.
3. Raise the foot end siderails to the full up position and set the brakes on each caster.
4. Activate the CPR lever to lower the fowler all the way down.
5. Cut the zip ties securing the actuator cable to the wire harness.
6. Unplug the actuator from the control box.
7. Holding the actuator with one hand remove the clevis pins from the actuator and carefully lower the actuator down.
8. Using a regular screwdriver, loosen the CPR cable retainer on the actuator just enough so it will move.
9. Slide the gray cable retainer lock towards the CPR cable retainer and unclip the CPR cable from the red actuator release activator.
10. Unplug the cable quick connect and remove the actuator.
11. Reverse the steps to install the new actuator.
12. Test all bed functionality prior to putting the bed back into service.

Service Information

HEAD LIFT ACTUATOR REPLACEMENT

Tools Required:

- Floor Jack
- Saw Horse
- Diagonal Pliers
- Needle Nose Pliers

Procedure:

1. Plug bed into wall outlet.
2. Raise head end siderails to full up position and ensure all four brakes are activated.
3. Using diagonal pliers, cut the zip tie securing the actuator cable to other cables.
4. Using needle-nose pliers, remove the rue clips from the clevis pins securing the actuator.



CAUTION

Do not remove the clevis pins from the actuator.

5. Lower the bed all of the way down so the litter is supported by the base litter stops.
6. Using the bed up/down controls, tap the up or down button to remove tension on the clevis pins and remove clevis pins.
7. Unplug the cable quick connect and remove the actuator.
8. Reverse the steps to install the new actuator.
9. Test all bed functionality prior to putting bed back in service.

FOOT LIFT ACTUATOR REPLACEMENT

Tools Required:

- Floor Jack
- Saw Horse
- Diagonal Pliers

Procedure:

1. Plug bed into wall outlet.
2. Raise foot end siderails to full up position and ensure all four brakes are activated.
3. Using diagonal pliers, cut the zip tie securing the actuator cable to other cables.
4. Using Needle-nose pliers, remove the rue clips from the clevis pins securing the actuator.



CAUTION

Do not remove the clevis pins from the actuator.

5. Lower the bed all of the way down so the litter is supported by the base litter stops.
6. Using the bed up/down controls, tap the up or down button to remove tension on the clevis pins and remove clevis pins.
7. Unplug the cable quick connect and remove the actuator.
8. Reverse the steps to install the new actuator.
9. Test all bed functionality prior to putting bed back in service.

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LOAD CELL REPLACEMENT

Tools Required:

- Floor Jack
- Regular Screwdriver
- 5/32" Allen Wrench
- 1/4" Allen Wrench

Procedure:

1. Plug bed into wall outlet.
2. Ensure all four brakes are activated.
3. Using a screw driver carefully pry off the rectangle end cap.
4. Using a 5/32 Allen wrench, loosen the two set screws.
5. Using a floor jack, place it under the frame in the corner that you are replacing the load cell.
6. Jack that corner up until you have enough clearance to remove the caster.
7. Using a 1/4" Allen Wrench, remove the two bolts that secure the load cell to the frame.
8. Unplug the load cell.
9. Reverse the steps to install the load cell.
10. Test all bed functionality prior to putting bed back in service.

CASTER REPLACEMENT

Tools Required:

- Floor jack
- 5/32" Allen Wrench
- Regular flat head screwdriver

Procedure:

1. Ensure all four brakes are activated.
2. Using a regular screwdriver carefully pry off the rectangle end cap.
3. Using a 5/32" Allen wrench, loosen the two set screws.
4. Using a floor jack, place it under the frame in the corner that you are replacing.
5. Jack that corner up until you have enough clearance to remove the caster.
6. Reverse the steps to install the new caster.
7. Test all bed functionality prior to putting bed back in service.

SCALE BATTERY REPLACEMENT

Tools Required:

- #2 Phillips Screwdriver

Procedure:

1. Unplug the connector that is located on the back of the footboard
2. Using a #2 Phillips screwdriver, remove the six screws securing the plate to the back of the footboard.
3. Remove old batteries and dispose of properly.
4. Reverse the steps to install the new battery.
5. Test all bed functionality prior to putting bed back in service.

MOTION CONTROL LOCK OUT REPLACEMENT

Tools Required:

- T25 Torx Driver
- Diagonal Pliers

Procedure:

1. Unplug the bed from the wall outlet
2. Using diagonal pliers, cut all of the zip ties that hold the cable to the frame and to the other cables.
3. Unplug the motion control lock out box from the main control box.
4. Using a T25 Torx driver, remove the two screws that hold the motion control lock out box to the frame.
5. Reverse the steps to install the new motion control lock out box.
6. Test all bed functionality prior to putting be back in service.

MAIN CONTROL BOX REPLACEMENT

Tools Required:

- T25 Torx Driver

Procedure:

1. Unplug the bed from the wall outlet.
2. Unplug all of the connectors that go into the main control box.
Note: Pay attention to the location of the connectors for re-installation due to they are not labeled. Reference the manual if needed for re-connection.
3. Using a T25 Torx remove the screw that goes through the power cord clamp.
4. Using a T25 Torx remove the four screws that hold the main control box to the frame.
5. Reverse the steps to install the new control box.
6. Test all bed functionality prior to putting be back in service.

POWER CORD REPLACEMENT

Tools Required:

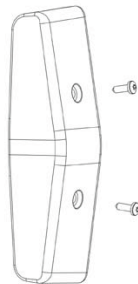
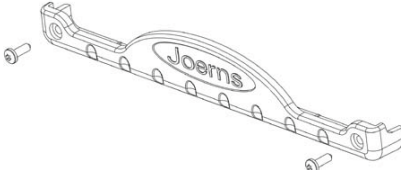
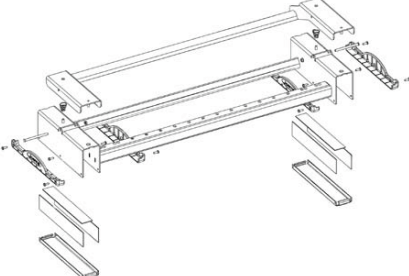
- T15 Torx Driver
- T25 Torx Driver
- 3/4" Combination Wrench
- Small Regular Screwdriver

Procedure:

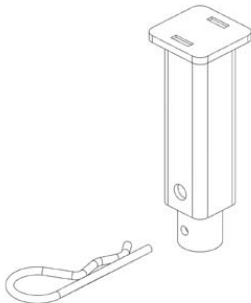
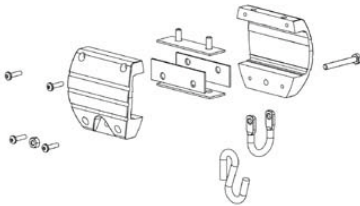
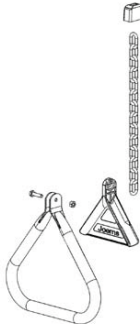
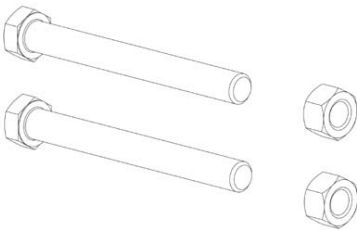
1. Unplug the bed from the wall outlet.
2. Unplug all of the connectors that go into the main control box.
Note: Pay attention to the location of the connectors for re-installation due to they are not labeled. Reference the manual if needed for re-connection.
3. Using a T25 Torx driver, remove the screw that goes through the power cord clamp.
4. Using a T15 Torx driver, remove the eight screws that hold the bottom cover of the main control box and set aside.
5. Using a T15 Torx driver, loosen the two screws on the strain relief holding the power cord in place.
6. Using a small regular screwdriver, loosen the two screws that hold the wires in place and remove the power cord.
7. Reverse the steps to install the new power cord.
8. Test all bed functionality prior to putting be back in service.

Quick Reference Replacement Parts List

The parts and accessories listed on this page are all currently available for purchase. Please call Stryker Customer Service (800)-327-0770 for availability and pricing.

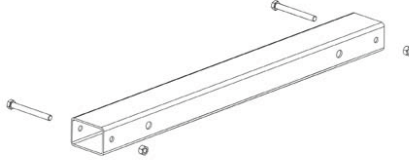
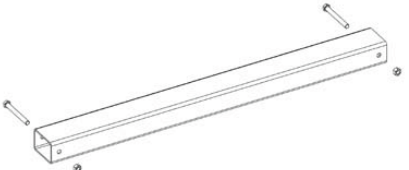
Part Name <i>(For Patient Helper)</i>	Part View	SYK Part Number
Cap, Angle		2230-100-045
Cap, Frame		2230-100-044
Cap, Slider		2230-100-046
Carraige Assembly		2230-100-039

Quick Reference Replacement Parts List

Part Name <i>(For Patient Helper)</i>	Part View	SYK Part Number
Frame Pin		2230-100-041
Handle, Sliding		2230-100-038
Handle, Trapeze		2230-100-037
Stretchers Bolt		2230-100-040

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Quick Reference Replacement Parts List

Part Name <i>(For Patient Helper)</i>	Part View	SYK Part Number
Stretcher, Lower		2230-100-042
Stretcher, Upper		2230-100-043

Foot Board Assembly - 2230-100-001



Item	Part No.	Part Name	Qty.
1	2230-100-047	Foot Board for Scales	1
2	2230-100-048	Scales Cover	1
3	2230-100-049	Scales Membrane Keypad	1
4	2230-100-050	Battery, D-Cell, Alkaline	6
5	2230-100-051	Bolt, BH, 5/16-18 X 3/4, SS	4
6	2230-100-052	Board Support, Large, Round	1
7	2230-100-053	Board Support, Small, Round	1
8	2230-100-054	Battery Holder	1
9	2230-100-055	Cover, Foot Board, Rear	1
10	2230-100-056	Battery Cover	1
11	2230-100-057	Screw, BH, 10-32 x 5/8, SS	7
12	2230-100-058	Screw, PH, 10-32 X 3/8, SS	6
13	2230-100-059	Electronics, Foot Board with Scale	1
14	2230-100-060	Rubber, Gasket Tape	18"
15	2230-100-061	6-32 x 1/4" PH, SS, Screw	6
16	2230-100-062	Installation Instruction, Foot Board, Bari10A	1
17	2230-100-063	Battery Holder	1

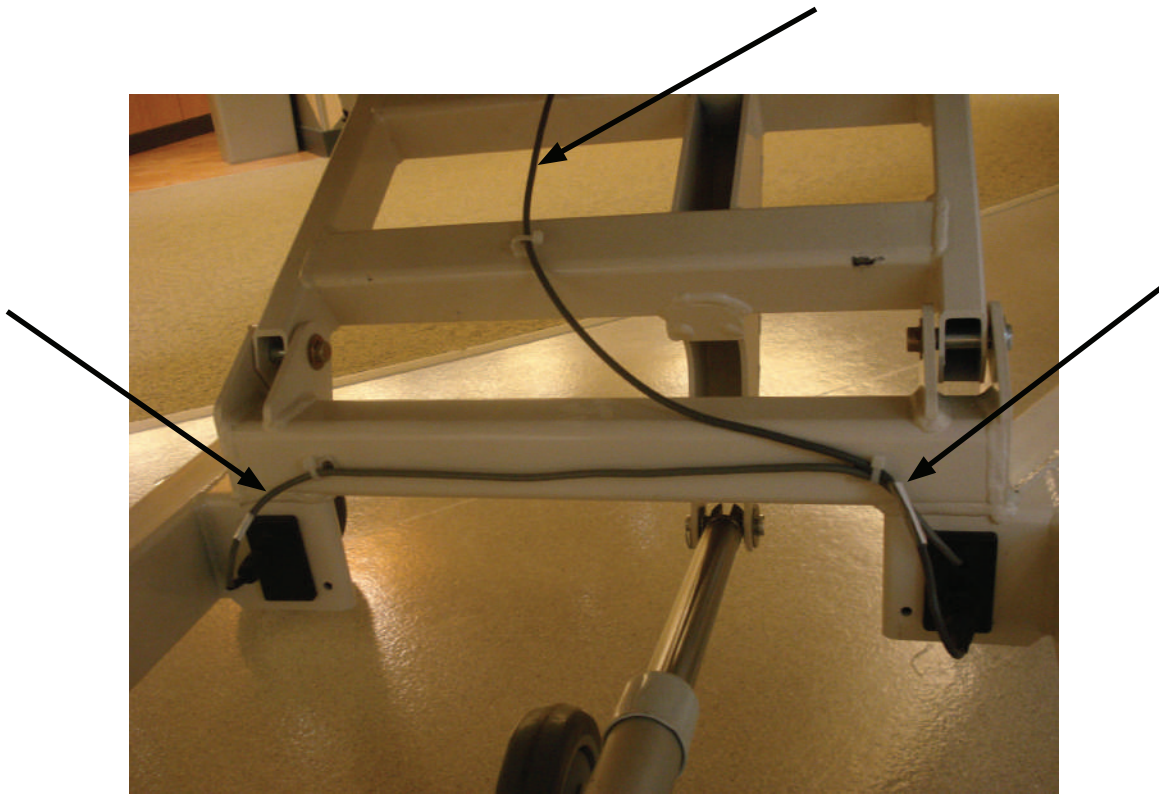
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Caster Assembly - 2230-100-002



Item	Part No.	Part Name	Qty.
1	2230-100-064	Caster, Total Lock	1
2	2230-100-065	Set Screw, 5/16-18 UNC x 3/8	2
3	2230-100-066	Locktite	1

Scale Cable Assembly - 2230-100-003



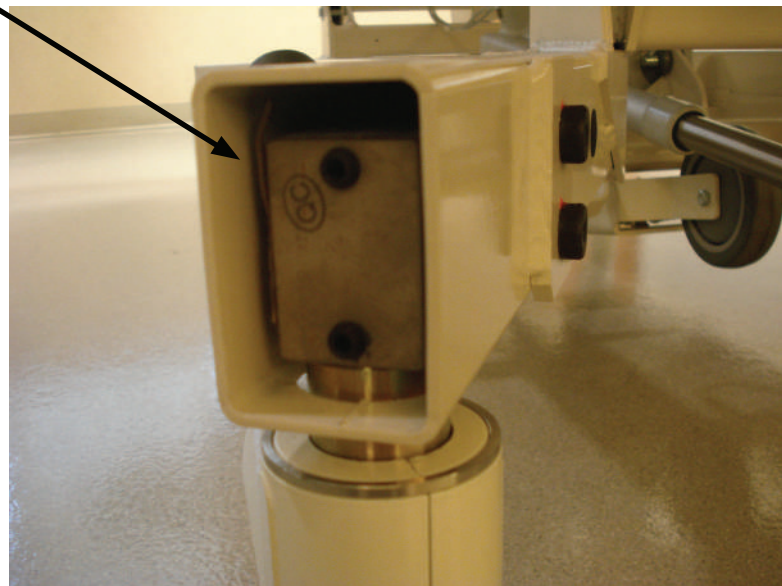
Item	Part No.	Part Name	Qty.
1	2230-100-067	Scale Cable, Bari10A	1
2	2230-100-068	Installation Instructions, Scale Cable, Bari10A	1

T-Cable Assembly - 2230-100-004



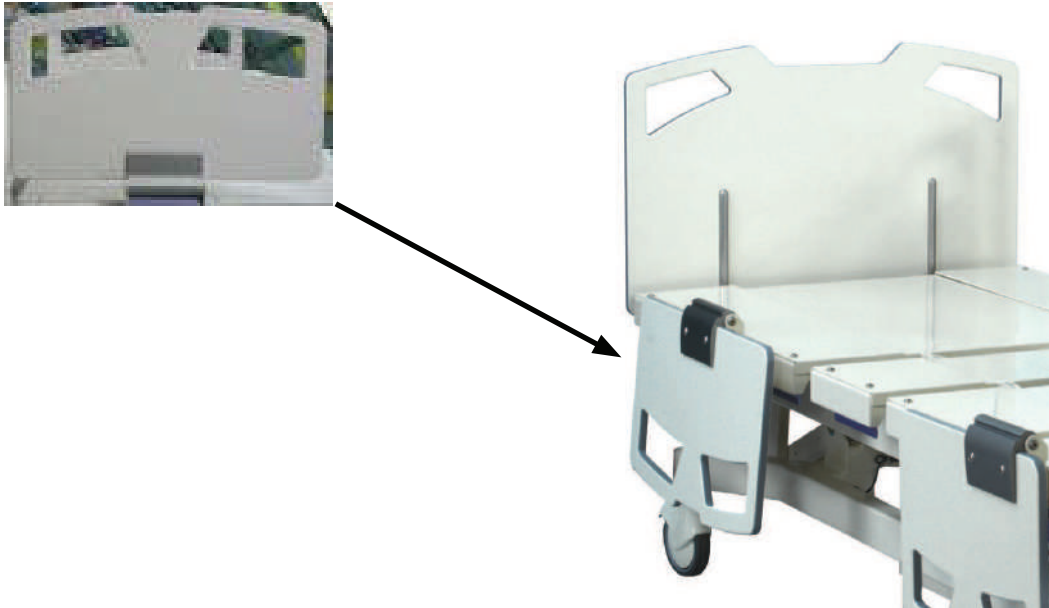
Item	Part No.	Part Name	Qty.
1	2230-100-069	T-Cable, High-Low Actuators, Bari10A	1
2	2230-100-070	Installation Instructions, T-Cable, Bari10A	1

Load Beams with Hardware - 2230-100-005



Item	Part No.	Part Name	Qty.
1	2230-100-071	Load Beam with Hardware	1

Head Side Rail Assembly - 2230-100-006



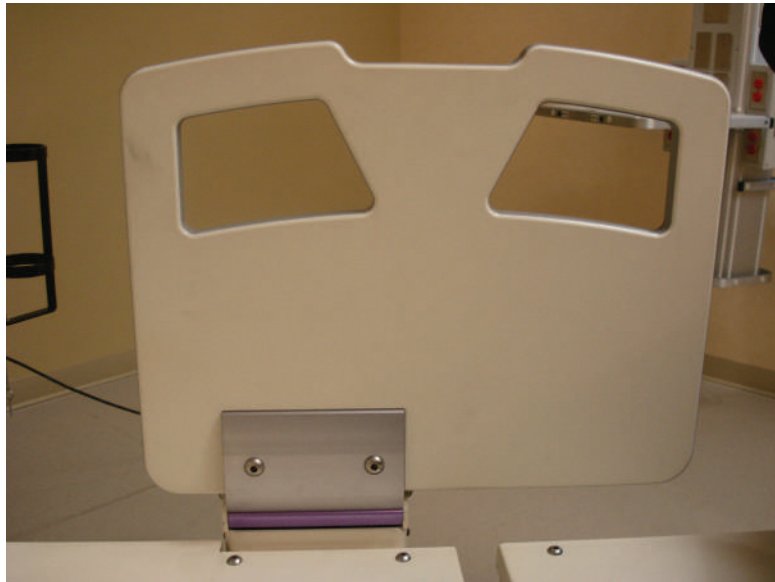
Item	Part No.	Part Name	Qty.
1	2230-100-072	Side Rail, Head	1
2	2230-100-073	Side Rail Mount, Anodized	1
3	2230-100-074	Side Rail Pivot Shaft	2
4	2230-100-075	Bolt, BY, 3/8-16 x 1	2
5	2230-100-066	Locktite	1
6	2230-100-076	Screw, SS, 10-32 x 3/8, BH	2
7	2230-100-077	Installation Instruction, Head Rail, Bari10A	1

Foot Side Rail Assembly, Left - 2230-100-007



Item	Part No.	Part Name	Qty.
1	2230-100-078	Side Rail, Foot, Left	1
2	2230-100-073	Side Rail Mount, Anodized	1
3	2230-100-074	Side Rail Pivot Shaft	2
4	2230-100-075	Bolt, BY, 3/8-16 x 1	2
5	2230-100-066	Loctite	1
6	2230-100-076	Screw, SS, 10-32 x 3/8, BH	2
7	2230-100-079	Installation Instruction, Left Foot Rail, Bari10A	1

Foot Side Rail Assembly, Right - 2230-100-008



Item	Part No.	Part Name	Qty.
1	2230-100-080	Side Rail, Foot, Right	1
2	2230-100-073	Side Rail Mount, Anodized	1
3	2230-100-074	Side Rail Pivot Shaft	2
4	2230-100-075	Bolt, BY, 3/8-16 x 1	2
5	2230-100-066	Locktite	1
6	2230-100-076	Screw, SS, 10-32 x 3/8, BH	2
7	2230-100-082	Installation Instruction, Right Foot Rail, Bari10A	1

Slide Out Knob Assembly - 2230-100-009



Item	Part No.	Part Name	Qty.
1	2230-100-083	Quick Release Pin, 1.5"	1
2	2230-100-084	Collar-Release Pin	1
3	2230-100-066	Locktite	1

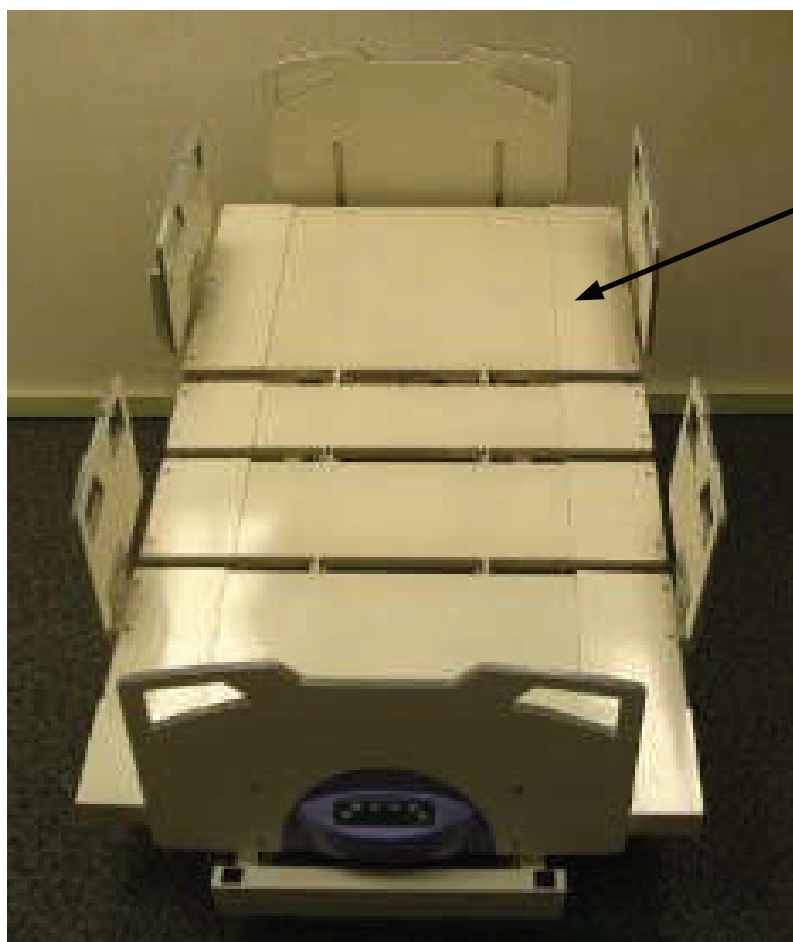
Head Board with Post Assembly - 2230-100-010

Head Board
with Post



Item	Part No.	Part Name	Qty.
1	2230-100-085	Head board with Posts	1
2	2230-100-052	Head board Support, LG, RD, RT	1
3	2230-100-053	Head board Support, SML, RD, LT	1
4	2230-100-051	Bolt, BH 5/16-18 x 3/4, SS	4
5	2230-100-062	Installation Instruction, Head board, Bari10A	1

Slide Out Assembly, Left Head Section - 2230-100-011



Left Head
Deck Slide Out

Item	Part No.	Part Name	Qty.
1	2230-100-087	DEXT Weldment, Head, Left	1
2	2230-100-088	DEXT Deck, Head	1
3	2230-100-090	Bolt, BH 5/16-18 x 1/2, SS	2
4	2230-100-091	Side Rail Mount Weldment	1
5	2230-100-092	Side Rail Release Handle, Pivot Shaft	2
6	2230-100-076	Screw, BH 10-32 x 3/8, Hex Drive, SS	2
7	2230-100-093	Spring, .48 x 1.475 x .38	2
8	2230-100-094	Side Rail Release Handle, ANO.	1
9	2230-100-095	EXT Latch Handle, Head, ANO	1
10	2230-100-096	Deck Extension Handle Shaft	2
11	2230-100-098	E-Ring, 1/4" Shaft	2
12	2230-100-099	Deck Extender Latch Rod (3 PARTS)	1
13	2230-100-100	Rue Ring	2
14	2230-100-101	Washer, Flat, STL, 3/8	2
15	2230-100-102	Teflon Tape, 1/2 x .005 THK	32"
16	2230-100-104	Washer, 5/16	4
17	2230-100-105	Hex Bolt, 5/16-18 x 5/8	4
18	2230-100-066	Loctite	1
19	2230-100-106	Spring, .24 O.D. x .56 Long	2
20	2230-100-107	Installation Instructions, Left Hand Deck EXT., Bari10A	1

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Slide Out Assembly, Right Head Section - 2230-100-012

Right Head
Deck Slide Out



Item	Part No.	Part Name	Qty.
1	2230-100-108	DEXT Weldment, Head, Right	1
2	2230-100-109	DEXT Deck, Head	1
3	2230-100-090	Bolt, BH 5/16-18 x 1/2, SS	3
4	2230-100-091	Side Rail Mount Weldment	1
5	2230-100-092	Side Rail Release Handle, Pivot Shaft	2
6	2230-100-076	Screw, BH 10-32 x 3/8, Hex Drive, SS	2
7	2230-100-093	Spring, .48 x 1.475 x .38	2
8	2230-100-094	Side Rail Release Handle, ANO.	1
9	2230-100-095	EXT Latch Handle, Head, ANO	1
10	2230-100-096	Deck Extension Handle Shaft	2
11	2230-100-098	E-Ring, 1/4" Shaft	2
12	2230-100-099	Deck Extender Latch Rod (3 parts)	1
13	2230-100-100	Rue Ring	2
14	2230-100-101	Washer, Flat, STL, 3/8	2
15	2230-100-102	Teflon Tape, 1/2 x .005 THK	32"
16	2230-100-104	Washer, 5/16	4
17	2230-100-105	Hex Bolt, 5/16-18 x 5/8	4
18	2230-100-066	Loctite	1
19	2230-100-106	Spring, .24 O.D. x .56 Long	2
20	2230-100-162	Installation Instructions, Right Hand Deck EXT., Bari10A	1

Slide Out Assembly, Seat Deck Section - 2230-100-013

Seat Deck
Slide Out



Item	Part No.	Part Name	Qty.
1	2230-100-110	DEXT Weldment, Seat	1
2	2230-100-111	DEXT Deck, Seat	1
3	2230-100-090	Bolt, BH 5/16-18 x 1/2, SS	2
4	2230-100-099	Deck Extender, Latch Rod	1
5	2230-100-112	Ext. Latch Handle, Seat	1
6	2230-100-098	E-Ring, Black	2
7	2230-100-093	Compression Spring, .48 x 1.475 x .382	
8	2230-100-096	Deck Extension Handle Shaft	2
9	2230-100-100	Ring, Rue-22	2
10	2230-100-101	Washer, Flat, STL, 3/8, Black	9.7"
11	2230-100-102	Teflon Tape, 1/2 x .005 THK	
12	2230-100-113	Installation Instruction, Seat Deck Ext., Bari10A	1

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Slide Out Assembly, Foot Deck Section, Left - 2230-100-014

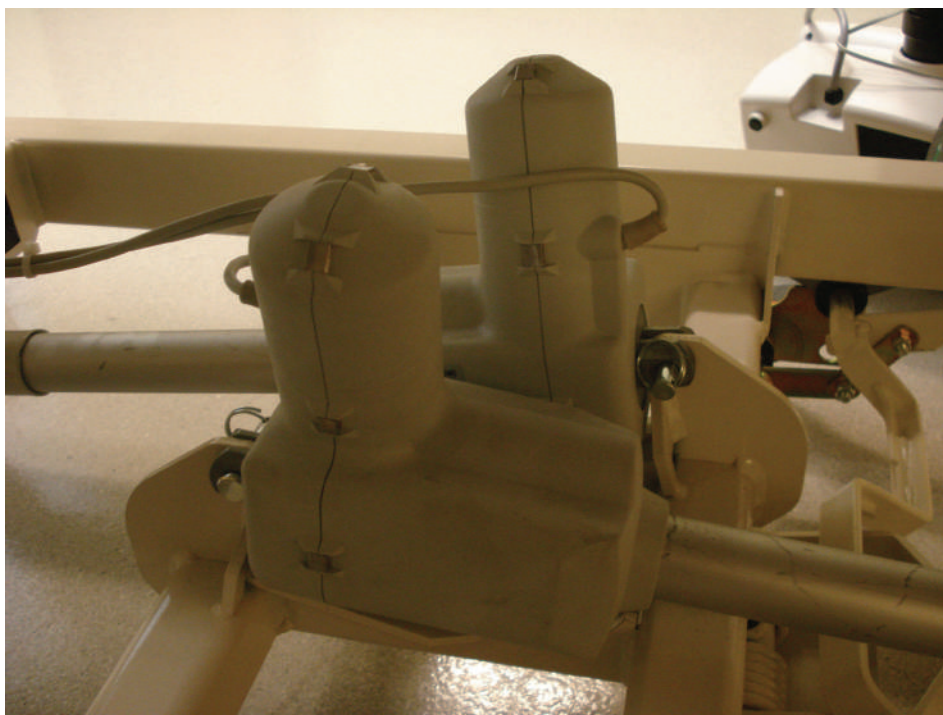


Left Foot Deck
Slide Out

Item	Part No.	Part Name	Qty.
1	2230-100-114	DEXT Weldment, Foot	1
2	2230-100-099	Deck Extender, Latch Rod	1
3	2230-100-115	DEXT Deck, Foot	1
4	2230-100-091	Side Rail Mount, Weldment	1
5	2230-100-092	Shaft, Side Rail, Release Handle	1
6	2230-100-076	Screw, BH 10-32 x .38	2
7	2230-100-093	Spring, Compression, .48x1.475x.38	2
8	2230-100-094	Side Rail Release Handle	1
9	2230-100-116	Ext. Latch Handle Foot	1
10	2230-100-096	Deck Ext., Handle Shaft	2
11	2230-100-098	E-Ring, Black	2
12	2230-100-100	Ring, Rue-22	2
13	2230-100-101	Washer, Flat, STL, 3/8, Black	2
14	2230-100-102	Teflon Tape, 1/2 x .005 THK	31"
15	2230-100-090	BH, Screw, 5/16-18 x 1/2	2
16	2230-100-104	Washer, 5/16	4
17	2230-100-105	Bolt, HEX, 5/16-18 x .062	4
18	2230-100-066	Locktite	1
19	2230-100-106	Spring, .24 X .56	1
20	2230-100-118	Installation Instructions, Left Foot Deck Ext., Bari10A	1

Bed Lift Actuator Assembly

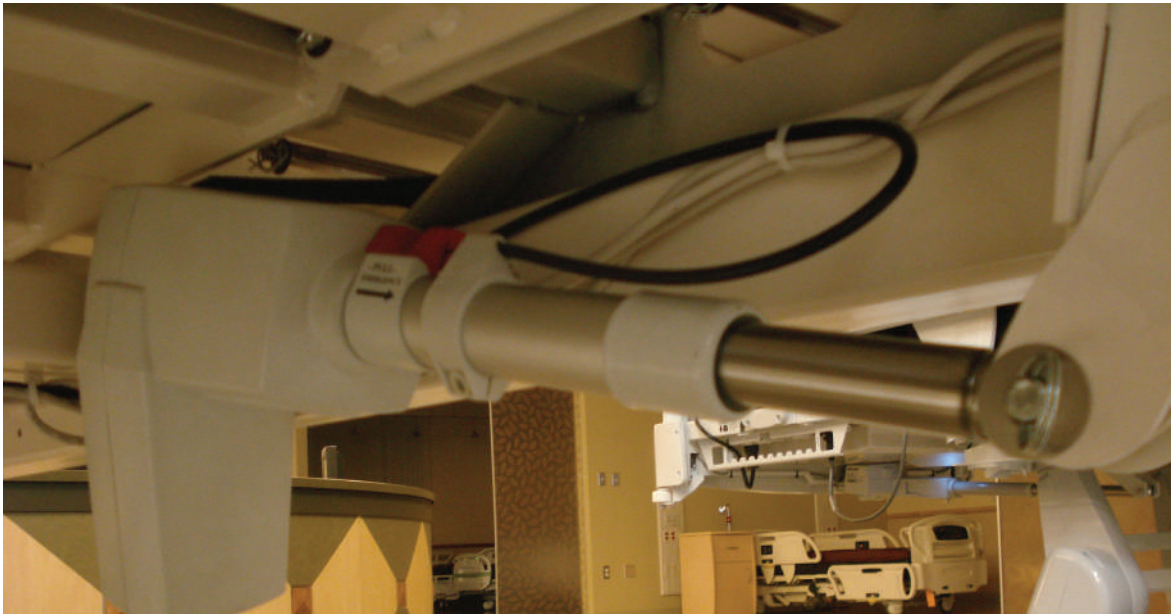
Assembly Part Number: 2230-100-015 (reference only)



Item	Part No.	Part Name	Qty.
1	2230-100-119	Bed Lift Actuator, 250mm Push	2
2	2230-100-120	Wire Tie, 11-1/2"	7
3	2230-100-121	Pin, Clevis	2
4	2230-100-122	Kickout Ring	4
5	2230-100-123	Pin, Clevis	2
6	2230-100-124	Washer, 1/2 X .01	4
7	2230-100-125	Washer, 1/2 X .06	4
8	2230-100-126	Installation Instructions, Bed Lift Actuator, Bari10A	1

Gatch Actuator Assembly

Assembly Part Number: 2230-100-0167 (reference only)



Item	Part No.	Part Name	Qty.
1	2230-100-127	Knee Lift Actuator, 150mm Pull	1
2	2230-100-120	Wire Tie, 11-1/2"	13
3	2230-100-121	Pin, Clevis	1
4	2230-100-122	Kickout Ring	1
5	2230-100-129	Pin, Clevis	1
6	2230-100-100	Rue Ring	1
7	2230-100-130	Installation Instructions, Actuator, Foot, Bari10A	1

Fowler Actuator Assembly

Assembly Part Number: 2230-100-017 (reference only)



Item	Part No.	Part Name	Qty.
1	2230-100-131	Back Lift Actuator, 200mm Push	1
2	2230-100-120	Wire Tie, 11-1/2"	11
3	2230-100-121	Pin, Clevis	1
4	2230-100-122	Kickout Ring	2
5	2230-100-123	Pin, Clevis	1
6	2230-100-125	WASHER, 1/2 x .06	2
7	2230-100-132	Installation Instructions, Actuator, Back, Bari10A	1

Control Box Assembly - 2230-100-018

Item	Part No.	Part Name	Qty.
1	2230-100-133	Actuator Control Box	1
2	2230-100-120	Wire Tie, 11-1/2"	2
3	2230-100-134	Ground Wire	1
4	2230-100-135	Installation Instructions, Control Box, Bari10A	1

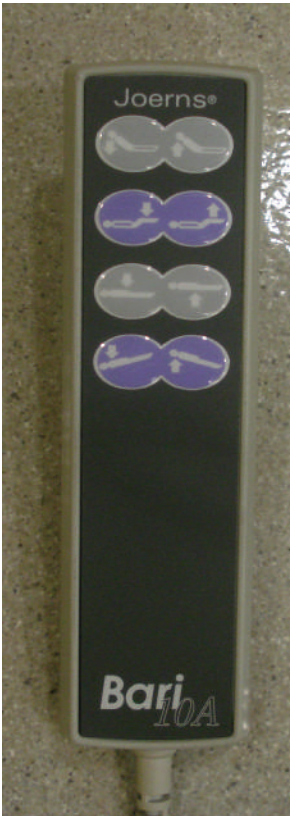


Battery-Actuator Controls Assembly - 2230-100-025

Item	Part No.	Part Name	Qty.
1	2230-100-151	Battery, Actuator Controls	1
2	2230-100-120	Wire Tie, 11-1/2"	2
3	2230-100-152	Installation Instructions, Battery, Bari10A	1



Pendant Control Assembly - 2230-100-019



Item	Part No.	Part Name	Qty.
1	2230-100-136	Pendant/hand Control	1
2	2230-100-037	Label, Pendant, Bari10A	1
3	2230-100-120	Wire Tie, 11-1/2"	9
4	2230-100-138	Installation Instructions, Pendant, Bari10A	1

Lockout Box Assembly - 2230-100-020



Item	Part No.	Part Name	Qty.
1	2230-100-139	Lockout Box	1
2	2230-100-120	Wire Tie, 11-1/2"	14
3	2230-100-057	Screws, 10-32 x 5/8, BH	2
4	2230-100-140	Label, Lockout Set	1
5	2230-100-141	Installation Instructions, Lockout Box, Bari10A	1

End Cap Assembly



2230-100-021



2230-100-022



2230-100-023



2230-100-024

End Cap Components - 2230-100-021

Item	Part No.	Part Name	Qty.
1	2230-100-142	End Cap Tube, 1.5" X 1.5"	4
2	2230-100-143	Installation Instructions, End Cap, 1/5" X 1.5", Bari10A	1

End Cap Components 2 - 2230-100-022

Item	Part No.	Part Name	Qty.
1	2230-100-144	End Cap Tube, 1" X 2"	14
2	2230-100-145	Installation Instructions, End Cap, 1" X 2", Bari10A	1

End Cap Components 3 - 2230-100-023

Item	Part No.	Part Name	Qty.
1	2230-100-146	End Cap Tube, 2" X 3"	4
2	2230-100-147	Installation Instructions, End Cap 2" X 3", Bari10A	1

End Cap Components 4 - 2230-100-024

Item	Part No.	Part Name	Qty.
1	2230-100-148	End Cap Tube, 2" X 4"	4
2	2230-100-150	Installation Instructions, End Cap 2" X 4", Bari10A	1

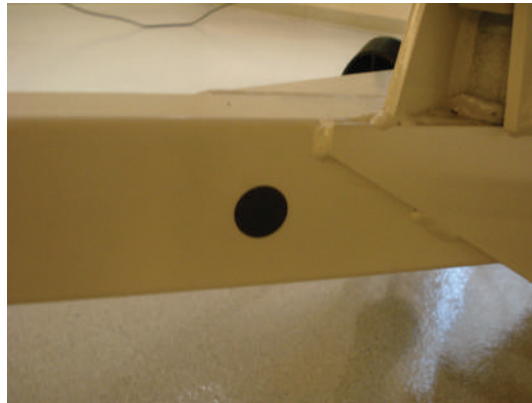
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Angle Indicator Assembly - 2230-100-026



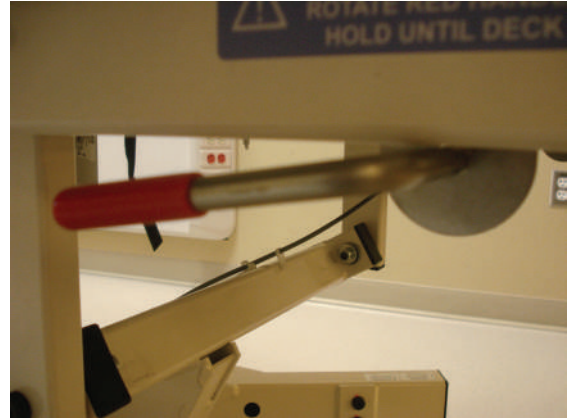
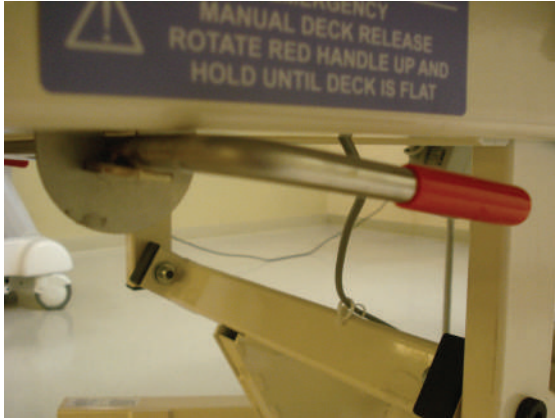
Item	Part No.	Part Name	Qty.
1	2230-100-153	Angle Indicator/Inclinometer	1
2	2230-100-154	Installation Instructions, Angle Indicator, Bari10A	1

Round Plug Assembly - 2230-100-027



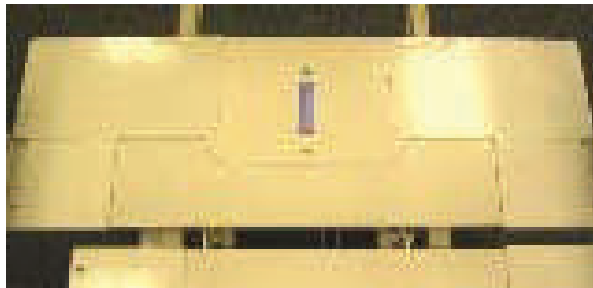
Item	Part No.	Part Name	Qty.
1	2230-100-155	Press On Fitting, Bari10A	1
2	2230-100-156	Installation Instructions, Round Plug, Bari10A	1

CPR Handle Assembly, Red - 2230-100-028



Item	Part No.	Part Name	Qty.
1	2230-100-157	Vinyl Red Cap, 3/8" ID x 2" Long	2
2	2230-100-158	Installation Instructions, Cpr Handle, Bari10A	1

Extension Assembly, Foot End Litter - 2230-100-168



Item	Part No.	Part Name	Qty.
1	2230-100-169	Foot Length Extender Frame	1
2	2230-100-170	Foot Length Extender, Left	1
3	2230-100-171	Foot Length Extender, Right	1
4	2230-100-122	Ring, Kickout	2
5	2230-100-172	Foot Length Extender, Rod Left	2
6	2230-100-140	Joerns Bari10A, Label Set	1
7	2230-100-090	Bolt, BH, 5/16-18 x 1/2, SS	4
8	2230-100-102	Teflon Tape	7.5'
9	2230-100-173	Installation Instructions, Deck Length Ext., Bari10A	1

Kit, Foot Litter Extension Assembly, Right - 2230-100-159

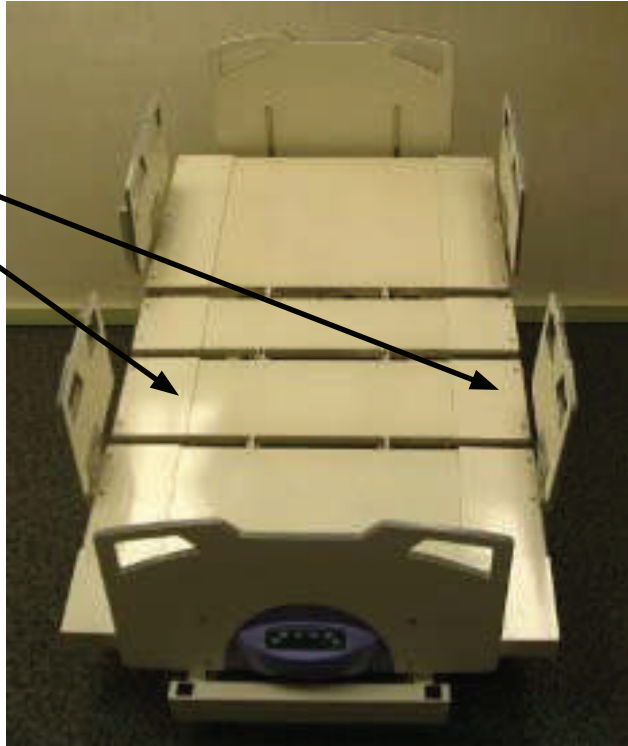
Right Foot Deck
Slide Out



Item	Part No.	Part Name	Qty.
1	2230-100-160	DEXT Weldment, Foot Right	1
2	2230-100-099	Deck Extender, ALTCH Rod	1
3	2230-100-115	DEXT Deck, Foot	1
4	2230-100-091	Side Rail Mount, Weldment	1
5	2230-100-092	Shaft, Side Rail, Release Handle	1
6	2230-100-161	Screw, BH, 10-32 x .38	2
7	2230-100-106	Spring, Compression, .24 x .56 x .046	2
8	2230-100-094	Side Rail Release Handle	1
9	2230-100-116	Ext. Latch Handle, Foot	1
10	2230-100-096	Deck Ext. Handle Shaft	2
11	2230-100-098	E-Ring, Black	2
12	2230-100-100	Ring, Rue-22	2
13	2230-100-101	Washer, Flat, STL, 3/8, Black	2
14	2230-100-102	Teflon Tape, 1/2 x .005 THK	25"
15	2230-100-107	Installation Instructions, Right Foot Deck, Bari10A	1

Kit, Gatch Section Extension Assembly - 2230-100-163

Knee Section
Extension

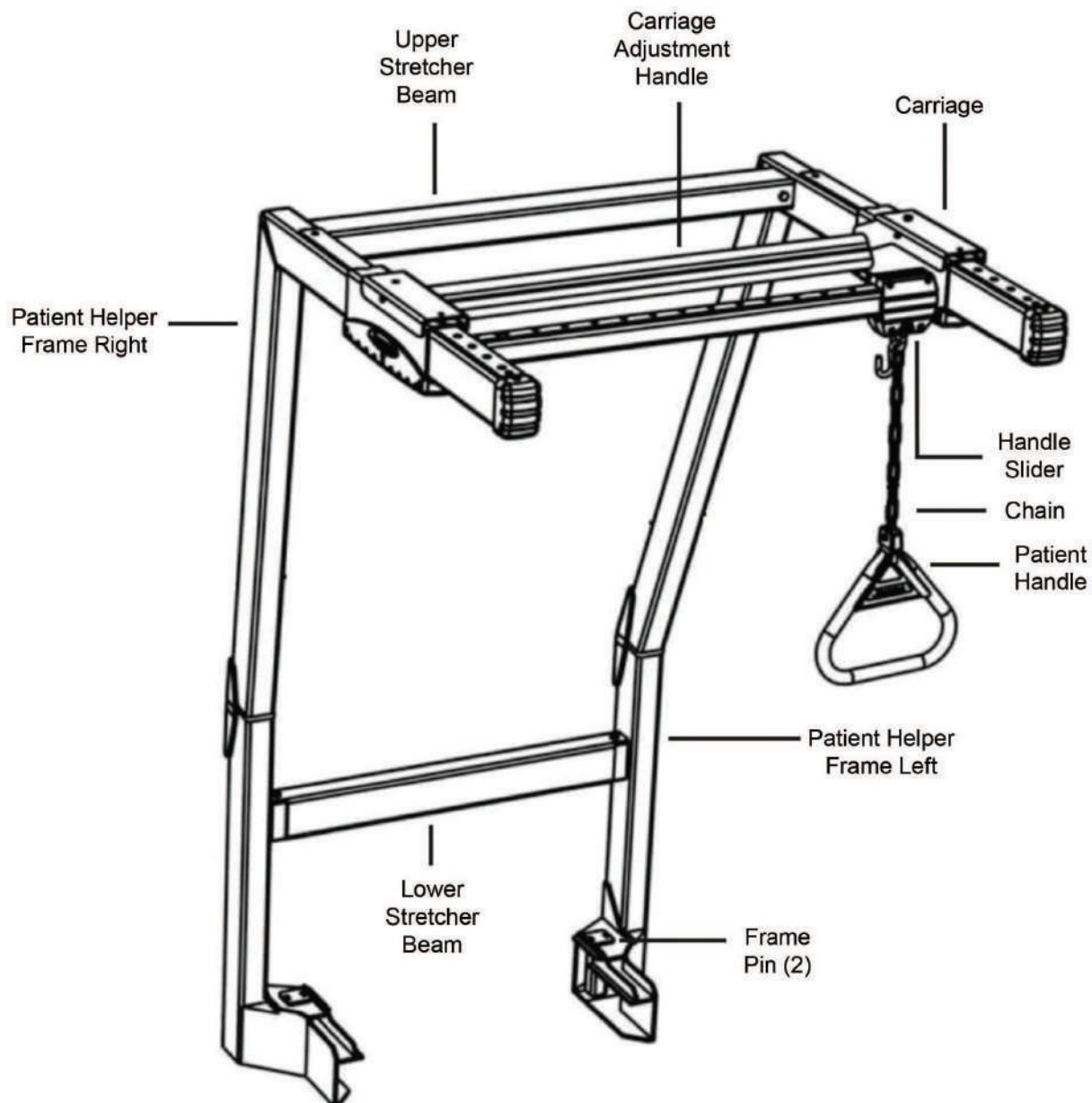


Item	Part No.	Part Name	Qty.
1	2230-100-164	DEXT Weldment, Knee	1
2	2230-100-165	DEXT Deck, Knee	1
3	2230-100-090	Bolt, BH, 5/16-18 x 1/2, SS	2
4	2230-100-099	Deck Extender, Latch Rod	1
5	2230-100-166	Ext. Latch Handle, Knee	1
6	2230-100-096	Deck Extension, Handle Shaft	2
7	2230-100-098	E-Ring, Black	2
8	2230-100-093	Compression Spring, .48d x 1.475 x .38w	2
9	2230-100-102	Teflon Tape, 1/2 x .005 THK	12.5"
10	2230-100-104	3/8", ID, Washer	2
11	2230-100-100	Rue Ring	2
12	2230-100-167	Installation Instructions, Knee Ext., Bari10A	1

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Optional Patient Helper Assembly, Standard Components

Refer to pages 68 through 70 for Optional Patient Helper Assembly standard component part list.



Optional Patient Helper Assembly, Standard Components

OPTIONAL PATIENT HELPER HANDLE ASSEMBLY - 2230-100-037

Item	Part No.	Part Name	Qty.
1	2230-100-174	Welded Chain, 800-lb Cap	1
2	2230-100-175	Trapeze Handle Gusset	1
3	2230-100-176	Handle	1
4	2230-100-177	Boot	1
5	2230-100-178	Trapeze Insert Bolt, 1/4-20 X 1, Grade 5	1
6	2230-100-179	1/4-20 Lock Nut	1

OPTIONAL PATIENT HELPER SLIDING HANDLE ASSEMBLY - 2230-100-038

Item	Part No.	Part Name	Qty.
1	2230-100-180	Handle Slide Strip	4
2	2230-100-181	Handle Extr Rear Machined	1
3	2230-100-182	U-Clevis	1
4	2230-100-184	S-Hook	1
5	2230-100-185	Handle Extr. Front Machined	1
6	2230-100-186	Clevis Bolt 1/4-20 X 1-3/4 Grade 5	1
7	2230-100-179	1/4-20 Locknut	1
8	2230-100-187	310-32 x 3/4" 6-Lobe Pan Head Mach Screw	4

OPTIONAL PATIENT HELPER CARRIAGE ASSEMBLY - 2230-100-039

Item	Part No.	Part Name	Qty.
1	2230-100-188	Cross Bar Welded Assembly	1
2	2230-100-189	Slider Top Strip	2
3	2230-100-190	Rocker Welded Assembly	1
4	2230-100-191	Rocker Spring	2
5	2230-100-192	Slider Slide Strip	4
6	2230-100-193	Rocker Pivot Pin	2
7	2230-100-194	Rocker Pivot Pin Retainer	2
8	2230-100-195	Bottom Plate	2
9	2230-100-196	Slider Bottom Cap	4
10	2230-100-197	Bottom Cap Fastener, #10-32 x 5/8" 6-Lobe Pan Head Screw	12

Optional Patient Helper Assembly, Standard Components

OPTIONAL PATIENT HELPER STRETCHER BOLT ASSEMBLY - 2230-100-040

Item	Part No.	Part Name	Qty.
1	2230-100-198	Rear Stretcher Bolt, 3/8-16 X 3 1/2" Grade 5	2
2	2230-100-199	Nylon Insert Locknut, 3/8-16 UNC	2

PATIENT HELPER FRAME PIN ASSEMBLY - 2230-100-041

Item	Part No.	Part Name	Qty.
1	2230-100-200	Pin Weldment	1
2	2230-100-201	Pin Weldment Fastener, Hairpin Clip	1

OPTIONAL PATIENT HELPER LOWER STRETCHER ASSEMBLY - 2230-100-042

Item	Part No.	Part Name	Qty.
1	2230-100-202	Lower Stretcher	1
2	2230-100-198	Rear Stretcher Bolt, 3/8-16 X 3 1/2" Grade 5	2
3	2230-100-199	Nylon Insert Locknut, 3/8-16 UNC	2

PATIENT HELPER UPPER STRETCHER ASSEMBLY - 2230-100-043

Item	Part No.	Part Name	Qty.
1	2230-100-203	Rear Stretcher	1
2	2230-100-198	Rear Stretcher Bolt, 3/8-16 X 3 1/2" Grade 5	2
3	2230-100-199	Nylon Insert Locknut, 3/8-16 UNC	2

Optional Patient Helper Assembly, Standard Components

OPTIONAL PATIENT HELPER FRAME END CAP ASSEMBLY - 2230-100-044

Item	Part No.	Part Name	Qty.
1	2230-100-204	Tube End Cap	1
2	2230-100-197	Bottom Cap Fastener, #10-32 x 5/8" 6-Lobe Pan Head Screw	2

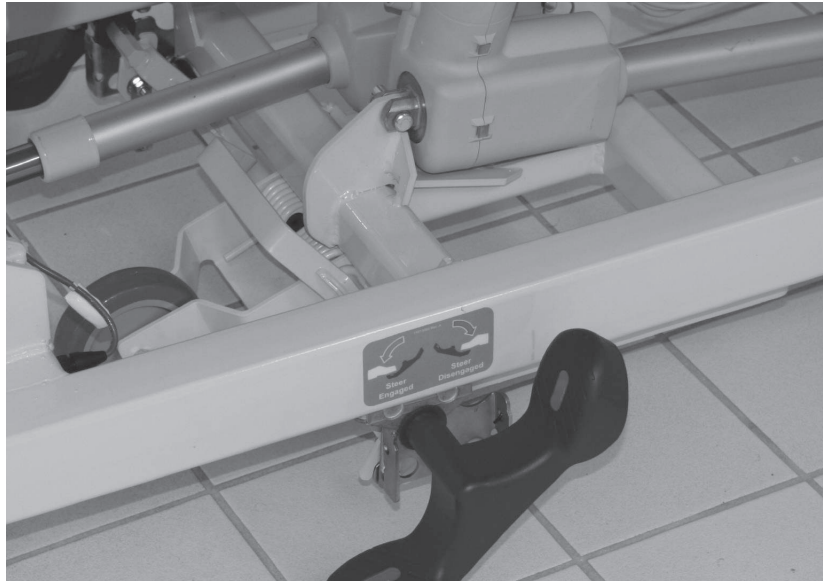
OPTIONAL PATIENT HELPER ANGLE CAP ASSEMBLY - 2230-100-045

Item	Part No.	Part Name	Qty.
1	2230-100-205	Frame Angle Cap	1
2	2230-100-197	Bottom Cap Fastener, #10-32 x 5/8" 6-Lobe Pan Head Screw	2

OPTIONAL PATIENT HELPER SLIDER CAP ASSEMBLY - 2230-100-046

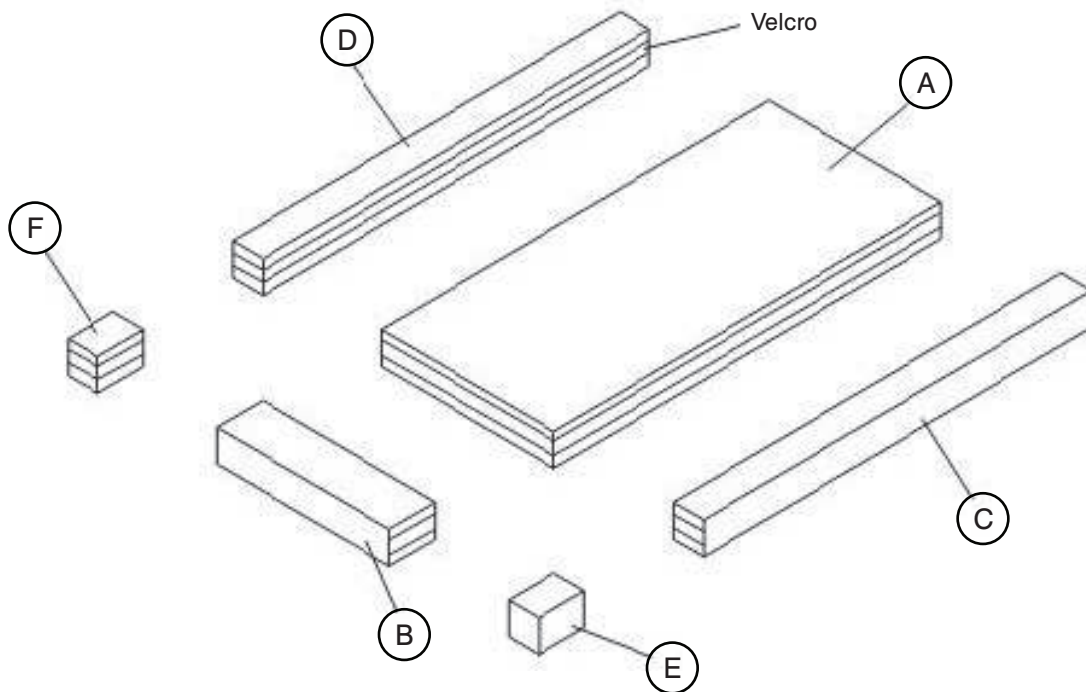
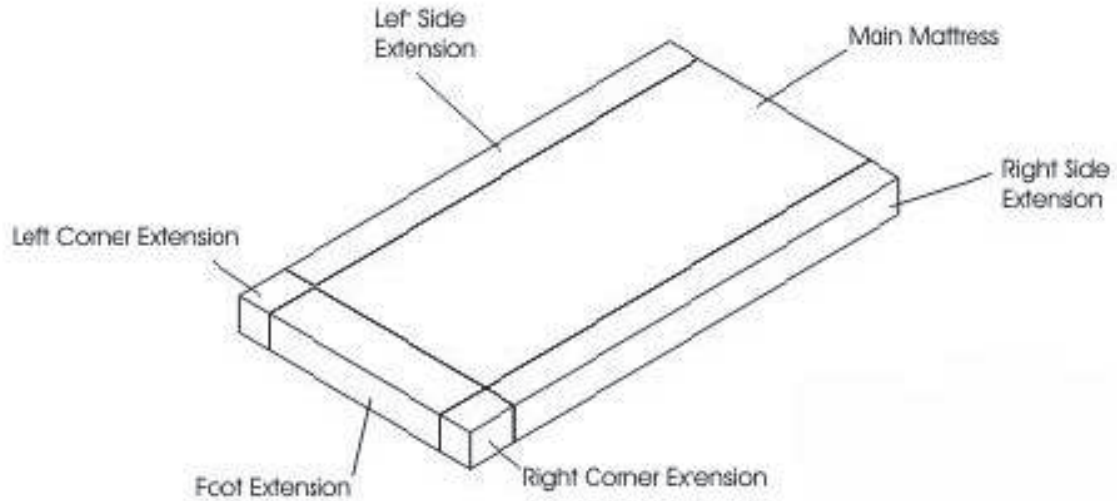
Item	Part No.	Part Name	Qty.
1	2230-100-196	Slider Bottom Cap	1
2	2230-100-197	Bottom Cap Fastener, #10-32 x 5/8" 6-Lobe Pan Head Screw	2

Fifth Wheel Assembly - 2230-100-206



Item	Part No.	Part Name	Qty.
1	2230-100-206	Assembly, 5th Wheel	1
2	2230-100-207	Label, 5th Wheel Activation, Right	1
3	2230-100-208	Label, Scale Accuracy, Warning	1

Mattress Assembly - 2235-100-001



Part		Description	Dimensions
A	2235-100-001	Main Mattress	36" x 81" x 6.5"
B	2235-100-004	Foot Extension	8" x 35.5" x 6.5"
C	2235-100-002	Right Side Extension	6" x 81" x 6.5"
D	2235-100-003	Left Side Extension	6" x 81" x 6.5"
E	-	Right Corner Extension	6" x 8" x 6.5"
F	-	Left Corner Extension	6" x 8" x 6.5"

Warranty

LIMITED WARRANTY

The Bari10A Bariatric bed is guaranteed for a period of one year from the date of delivery, against defects in materials and workmanship, under normal use and service. This one-year warranty includes all mechanical and electrical components. Steel structural components on beds are covered under warranty for a period of 10 years from the date of delivery. Welds are covered under warranty for the lifetime of the product.

Damage caused by use in unsuitable environmental conditions, abuse or failure to maintain the product in accordance with user and service instructions is not covered. Any alteration, modification, or repair unless performed by or authorized in writing by Stryker Medical, will void this warranty.

PARTS

The Bari10A Bariatric bed contain various parts that wear from normal use. These parts, such as DC batteries, are not covered under the one-year warranty but are covered for 90 days after date of delivery. Stryker Medical's obligation under this warranty is limited to supplying replacement parts, servicing or replacing, at its option, any product which is found by Stryker Medical to be defective.

Warranty replacement parts are covered by the terms of this warranty until the product's original one-year warranty period expires. Part replacements under warranty may be requested to be returned back to the manufacturer. When requested by Stryker Medical, parts must be returned for inspection at the customer's expense. Credit will be issued only after inspection.

SERVICE

Most service requests can be handled by the facility Maintenance Department with assistance from the Stryker Medical Technical Support Service Department. Most parts requested can be shipped next day air at the customer's expense. Should a technician be required, one will be provided by Stryker Medical, at our discretion. Only the Stryker Medical Technical Support Service Department can dispatch authorized technicians. This warranty is extended to the original purchaser of the equipment.

For further service needs please call Stryker at 1-800-327-0770.

SERVICE CONTRACT PROGRAMS

Stryker offers the following service contract programs:

Service Agreement Options *	Gold	Silver	PM
Annually scheduled preventative maintenance	X		X
All parts	X	X	
All labor and travel	X	X	
Unlimited emergency service calls	X	X	
Priority one contact: two hour phone response	X	X	
Most repairs completed within 3 days	X	X	
JCAHO documentation	X	X	X
On-site record of PM & emergency service	X		X
Factory-trained Stryker service technician	X	X	X
Stryker authorized parts used	X	X	X
Service during regular business hours (8-5)	X	X	X

* Does not include maintenance due to abuse or for any disposable items. Stryker reserves the right to change options without notice.

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