Prime Series Stretcher

Operations Manual

with Zoom Motorized Drive

REF 1125
REF 1125-000-026
REF 1125-000-030
REF 1125-000-000X
REF 1125-000-000E
REF 1125-000-000C

EN

1125-509-001 Rev AC.0 2024-02

Symbols

	Refer to instruction manual/booklet
	Consult instructions for use
	General warning
	Caution
	Warning; crushing of hands
	Warning; non-ionizing radiation
	No pushing
	Do not store the oxygen bottle
	MR Unsafe
TDRA	Telecommunications and Digital Government Regulatory Authority logo for United Arab Emirates
	Australia/New Zealand Regulatory Compliance Mark (RCM)
R-NZ	New Zealand radio compliance mark
	US (FCC) wireless conformity mark
	CE mark
EC REP	Authorized representative in the European Community
MD	European medical device
	Importer

UK CA	UK Conformity Assessment mark
UDI	Unique device identifier
CH REP	Authorized representative in Switzerland
REF	Catalogue number
LOT	Lot (batch) code
SN	Serial number
US Patents	For US Patents see www.stryker.com/patents
	Manufacturer
	Date of manufacture
	Safe working load
	Maximum patient weight
	Mass of equipment with safe working load
	Direct current
	Alternating current
	Dangerous voltage
	Potential equalization
	Protective earth ground
IPX5	Protection from water jets
	Type B applied part

	**Prime** and **Prime X**: Medical Equipment Classified by Underwriters Laboratories Inc. With Respect to Electric Shock, Fire, and Mechanical Hazards Only in Accordance with ANSI/AAMI ES60601-1: 2005 and A1:2012, CAN/CSA-C22.2 No. 60601-1:14. For **Prime X** option, Associated Equipment of X-ray Equipment IEC 60601-2-54. **Prime Connect**: Medical Equipment Classified by Underwriters Laboratories Inc. With Respect to Electric Shock, Fire, and Mechanical Hazards Only in Accordance with ANSI/AAMI ES60601-1:2005, A1:2012, and A2:2021, CAN/CSA-C22.2 No. 60601-1:14 and A2:2022 (R2022).
	In accordance with European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) as amended, this symbol indicates that the product should be collected separately for recycling. Do not dispose of as unsorted municipal waste. Contact local distributor for disposal information. Ensure infected equipment is decontaminated prior to recycling.
	This way up
	Keep dry
	Fragile, handle with care
	Stacking limit by number

Table of Contents

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 product 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 - Provides special information to make maintenance easier or important instructions clearer.

Summary of safety precautions

Always read and strictly follow the warnings and cautions listed on this page. Service only by qualified personnel.

WARNING

- Always allow the product to reach room temperature before you set up the product or test functional operations. Permanent product damage may occur.
- Always operate the product when all operators are clear of the mechanisms.
- Always use care when you handle the power cord. Entanglement, damage to the power cord, or potential shock hazards may occur. If the power cord is damaged, remove the product from service and contact the appropriate maintenance personnel.
- Do not use the **Prime Series** stretcher with **Zoom** Motorized Drive in the MR (Magnetic Resonance Imaging) environment. The **Prime Series** stretcher with **Zoom** Motorized Drive is MR Unsafe.
- Always plug the product into a grounded, hospital grade wall outlet. You can only achieve grounding reliability when you use a hospital grade wall outlet. This product is equipped with a hospital grade plug to protect against electric shock hazard.
- Always apply the brakes when a patient is getting on the product or off the product or when the product is not moving. Injury could result if the product moves while a patient is getting on the product or off the product.
- Always position the patient in the center of the product.
- Always lock the siderails in the highest height position and lower the product to the lowest height position when you leave a patient unattended.
- Always remove any devices that may be in the way before you raise or lower the litter.
- Do not sit on the end of the product. The product may tip.
- Always lock the siderails in the highest height position with the sleep surface horizontal and lower the product to the lowest height position when you transport a patient.
- Always unplug the power cord from the wall outlet before you transport or clean the product.
- Do not attempt to push the product manually with the **Zoom** Motorized Drive wheel engaged and the **On/Drive-Off/ Manual** switch in the **On/Drive** position. The product will be difficult to push and injury may occur.
- Always use extra caution when you use a mattress thicker than 2.5 in. or a mattress overlay with **Prime X**.
- Always keep the patient’s limbs away from the siderail spindles when you raise or lower the siderail.
- Do not allow the siderails to lower on their own.
- Always keep hands and fingers clear of the Fowler backrest release handles and the Fowler backrest frame when you lower the Fowler backrest.
- Always use caution when you raise and lower the Fowler backrest while a patient is on the product. Use proper lifting techniques and get help, if necessary.
- Always keep hands and fingers clear of the foot end push handles when you lower the Gatch.
- Always keep device lines on the pump rack away from the Gatch handles.
- Always make sure that devices on the pump rack can pass through door openings.

- Do not lift the product by the pump rack.
- Always use the retractable cord reel to store the power cord inside the base when you transport the product.
- Do not use the scale system, electric lift, or electric litter options adjacent to or stacked with other devices. If adjacent or stacked use is necessary, the scale system, electric lift, or electric litter options should be observed to make sure that all devices operate in the configuration in which they will be used.
- Do not place items that weigh more than 30 lb (14 kg) on the defibrillator tray. Always strap down all devices that you place on the defibrillator tray.
- Always use caution if the defibrillator tray/foot extender, footboard/chart holder, or upright oxygen bottle holder is attached to avoid pinching your fingers when you position the foot end push handle option.
- Do not place items that weigh more than 30 lb (14 kg) on the defibrillator tray/foot extender. Always strap down all devices that you place on the defibrillator tray.
- Always secure the IV pole to the IV caddy when you transport the product.
- Always store the IV caddy when not in use to avoid product damage.
- Do not sit on the foot supports. This may cause the product to tip.
- Always clear your fingers from the mechanisms when you operate the foot supports.
- Always stow the foot supports when you transport a patient with the product.
- Always tighten the foot supports before you use the foot supports.
- Do not operate the scale system with the foot supports. Inaccurate readings may occur.
- Do not operate bed exit with the foot supports. Inaccurate readings may occur.
- Do not use the IV pole as a push/pull device. Product damage may occur.
- Do not place objects that exceed 40 lb (18 kg) in the upright oxygen bottle holder.
- Do not place objects that exceed 30 lb (14 kg) on the serving tray.
- Always use caution when you attach restraint straps. Patient or operator injury may occur. Physical restraints, even if secured, may result in serious harm to patients and operators, including entanglement, entrapment, physical injury, or death.
- Always attach restraint straps or devices only at the identified attachment points of the product. Failure to do so may result in patient or operator injury. Do not attach restraint straps to the siderail.
- Always refer to the applicable state and federal restrictions and regulations and the appropriate facility protocols before you use any restraint strap or device.
- Always take protective measures when you use the upright or lateral X-ray cassette holder. The X-ray cassette holder does not protect against radiation.
- Always refer to local, state, and federal guidelines in addition to facility protocols for safety before you use **Prime X** with radiation generating devices. Radiation generating devices may produce residual, stray, or scattered radiation.
- Always follow the *Positioning the upright X-ray cassette holder - Prime X option* instructions to insert the X-ray cassette.
- Always use caution when you take X-rays with the Fowler backrest in the upright position or when you use a lateral cassette.
- Always follow the *Positioning the lateral X-ray cassette holder - Prime X option* instructions to insert the X-ray cassette.
- Always unplug the power cord from the wall outlet and turn the **On/Drive-Off/Manual** switch to the **Off/Manual** position before you service or clean.
- Do not steam clean, hose off, or ultrasonically clean the product. Use of these methods of cleaning is not recommended and may void the product's warranty.
- Do not clean, service, or perform maintenance while the product is in use.
- Do not immerse the mattress in cleaning or disinfectant solutions. Excess moisture could cause product malfunction that results in product damage or patient injury.
- Do not allow fluid to pool on the mattress. Fluids can cause corrosion of components and may cause the safety and performance of this product to become unpredictable.
- Always inspect mattress covers for tears, punctures, excessive wear, and misaligned zippers every time you clean the covers. Remove and replace a damaged mattress to prevent cross-contamination.
- Do not steam clean, pressure wash, hose off, or ultrasonically clean mattresses. These methods of cleaning may void the product's warranty.
- Always disinfect the mattress between patients. Failure to do so could result in cross-contamination and infection.
- Portable RF communications equipment, including peripherals such as antenna cables and external antennas, should be no closer than 12 inches (30 cm) to any part of the **Prime Series** stretcher, including cables specified by the manufacturer.

- Avoid stacking or placing equipment adjacent with other equipment to prevent improper operation of the product. If such use is necessary, carefully observe stacked or adjacent equipment to make sure that they operate properly.
- The use of accessories, transducers, and cables, other than those specified or provided by the manufacturer, could result in increased electromagnetic emissions or decreased electromagnetic immunity and result in improper operation.

CAUTION

- Improper usage of the product can cause injury to the patient or operator. Operate the product only as described in this manual.
- Do not modify the product or any components of the product. Modifying the product can cause unpredictable operation resulting in injury to patient or operator. Modifying the product also voids its warranty.
- Always unplug the power cord from the wall outlet to isolate the **Prime Series** stretcher with **Zoom** Motorized Drive from the supply mains.
- Always position the **Prime Series** stretcher with **Zoom** Motorized Drive to allow for access to the wall outlet.
- Do not use the hydraulics on the base to raise the product with a patient lift under the product.
- Do not apply the steer pedal when **Big Wheel** is resting on a threshold or other raised area. The force required to apply **Big Wheel** will be higher than normal and may cause product damage.
- Always immediately unplug the power cord from the wall outlet and turn the **On/Drive**-**Off/Manual** switch to the **Off/ Manual** position if large fluid spills occur in the area of the circuit boards or motors. Fluids can short out controls and may cause the product to operate erratically or may make some functions inoperable. Component failure caused by fluids may also cause the product to operate unpredictably and could cause injury to the patient. Do not put the product back into service until it is dry and has been tested for safe operation.
- Always remove the batteries before you place the product in storage or if the product will remain idle for an extended period of time. Each battery weighs 25 lb (11.3 kg). Use caution when you remove the batteries to avoid injury.
- Always wash your hands after you handle battery posts, terminals, or related accessories. Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Properly dispose of batteries when required.
- Do not exceed the 200 lb (90.7 kg) weight capacity of the Gatch.
- Always make sure that the Gatch prop rod is secure before you raise or lower the Gatch.
- Do not sit or stand on the Gatch.
- Always use caution when you attempt to lower the Gatch while the product is unpowered. Gravity may cause a rapid drop of the Gatch.
- Do not place objects that exceed 60 lb (27 kg) in the base hood.
- Do not sit, step, or stand on the base hood.
- Do not exceed the 40 lb (18 kg) weight capacity of the pump rack.
- Do not use the pump rack as a push/pull device. Product damage may occur.
- Do not use the scale for patients under 50 lb (22.7 kg).
- Do not use the scale system reading as a reference for medical treatment.
- Always raise the IV pole before you attach the defibrillator tray/foot extender to the product. If you do not raise the IV pole, the foot extender will not operate.
- Do not use the IV pole as a push/pull device. Product damage may occur.
- Do not hang IV bags that exceed 40 lb (18 kg) on the IV pole.
- Always make sure that the IV pole is at a low height to pass through door openings when you transport a patient.
- Do not use abrasive cleaners to clean the display enclosure for the scale system option. Do not allow cleaning solutions or other fluids to pool on the display unit. Wipe dry all surfaces after spills or cleaning.

Pinch points

Figure 1 – Prime X

Introduction

This manual assists you with the operation or maintenance of your Stryker product. Read this manual before operating or maintaining this product. Set methods and procedures to educate and train your staff on the safe operation or maintenance of this product.

CAUTION

- Improper usage of the product can cause injury to the patient or operator. Operate the product only as described in this manual.
- Do not modify the product or any components of the product. Modifying the product can cause unpredictable operation resulting in injury to patient or operator. Modifying the product also voids its warranty.

Note

- This manual is a permanent part of the product and should remain with the product even if the product is sold.
- Stryker continually seeks advancements in product design and quality. This manual contains the most current product information available at the time of printing. There may be minor discrepancies between your product and this manual. If you have any questions, contact Stryker Customer Service or Technical Support at 1-800-327-0770.

Product description

The Stryker **Prime Series** stretcher is a wheeled device which consists of a platform mounted on a wheeled frame that is designed to support patients in a horizontal position. A stretcher provides the operator with a method of transporting patients within the interior of a healthcare facility by health professionals or trained representatives of the facility.

The device has siderails and has the option available to support the temporary or permanent placement of IV poles, along with various other options and accessories to assist with the transport of the patient. The Stryker Model 1125 **Prime Series** stretcher with **Zoom** Motorized Drive features an electric drive system which aids the health professional or trained representative by assisting stretcher movement and maneuverability in various healthcare facilities. The device can be manually pushed by the user in the event of power loss to **Zoom** Motorized Drive.

The Stryker **Prime Series** stretcher with bed exit aids in patient safety by detecting when the patient's center of gravity moves beyond the healthcare provider's selected zone and activating an audible and visible alarm at bedside. The Stryker **Prime Connect** stretcher provides an additional alarm at the nurse station through nurse call. Alarm signal transmission can be wired or for **Prime Connect** stretchers, equipped with both a wireless module and connected to the **iBed** Locator, sent wirelessly to a remote dashboard.

The Stryker **Prime Connect** stretcher equipped with a wireless module can facilitate wireless communication of multiple stretcher data parameters, such as bed exit on and off status, patient weight when equipped with a scale, and location. Each stretcher is associated with a particular room or bay location enabled by an **iBed** Locator; a battery powered module that mounts to the hospital wall in a fixed location and communicates to applicable stretchers using Infrared (IR) light-emitting diode (LED) technology as a required component for overall wireless connectivity. The stretcher data parameters can be integrated with various systems within the healthcare facility, such as the healthcare facility's electronic health record (EHR) system, nurse call, and mobile communication devices.

Intended use

The **Prime Series** stretcher provides a method of transporting patients within a healthcare facility by healthcare professionals or trained personnel.

Indications for use

The **Prime Series** stretcher with **Zoom** Motorized Drive is an electromechanical stretcher that provides a healthcare professional or trained representative greater maneuverability in steering and moving the stretcher with significantly less force.

The **Prime Series** stretcher may be used as a short-term outpatient clinical evaluation, treatment, minor procedure, and short-term outpatient recovery platform. The stretcher may include use in, but is not limited to:

- Emergency department (ED)
- Trauma area
- Post-anesthesia care unit (PACU)

The **Prime Series** stretcher may be used for minor procedures and short-term stay (treatment and recovery).

The **Prime Series** stretcher is not for use for long-term inpatient treatment and recovery.

The **Prime Series** stretcher has a safe working load up to 700 lb (318 kg) and is intended to be used with all patients, including those mildly to critically ill. The stretcher may also be used to transport deceased patients within an enclosed healthcare facility.

The **Prime X** option provides an articulating radiographic patient support surface and a platform below the patient support surface for X-ray cassette placement. **Prime X** option is intended to allow the capture of clinical X-rays (AP full body, optional full body lateral, and optional upright chest) when used with a medical X-ray system.

Intended users

Intended operators of this product are healthcare professionals (nurses, nurses aids, doctors) and transporters.

Clinical benefits

Patient transport, facilitate treatment, and diagnostic

Contraindications

None known

Expected service life

The **Prime Series** stretchers have a 10 year expected life under normal use conditions and with appropriate periodic maintenance.

Disposal/recycle

Always follow the current local recommendations and/or regulations governing environmental protection and the risks associated with recycling or disposing of the equipment at the end of its useful life.

Specifications

		26 in. width Prime manual only		30 in. width		30 in. width Prime X only	
 **Note** - Safe working load indicates the sum of the patient, mattress, and accessory weight.		700 lb	318 kg	700 lb	318 kg	700 lb	318 kg
 Maximum patient weight		675 lb	306 kg	675 lb	306 kg	675 lb	306 kg
Weight of product standard configuration		415 lb	188 kg	435 lb	197 kg	435 lb	197 kg
Weight of product with all options/ accessories		465 lb	211 kg	485 lb	220 kg	485 lb	220 kg
Overall length		86 in. (± .5 in.)	218.4 cm (± 1.27 cm)	86 in. (± .5 in.)	218.4 cm (± 1.27 cm)	86 in. (± .5 in.)	218.4 cm (± 1.27 cm)
Overall width (siderails up)		34 in. (± 1 in.)	86.4 cm	38 in. (± 1 in.)	96.5 cm	38 in. (± 1 in.)	96.5 cm
Overall width (siderails down)		26 in. (± .5 in.)	66 cm	30.5 in (± .5 in.)	77.5 cm	30.5 in. (± .5 in.)	77.5 cm
Minimum/maximum height		23 in./34 in. (± 1 in.)	58 cm/86 cm (± 2.54 cm)	23 in./34 in. (± 1 in.)	58 cm/86 cm (± 2.54 cm)	23 in./34 in. (± 1 in.)	58 cm/86 cm (± 2.54 cm)
Maximum cassette dimension	Side	Not applicable				19.87 in.	50.5 cm
	Head end	Not applicable				21 in.	53.3 cm
Fowler backrest angle		0° to 90° (± 5°)					
Gatch height		5.5 in. (14 cm) minimum				Not applicable	
Trendelenburg/reverse Trendelenburg		+17°/-16° (± 3°)					
Minimum clearance		2.5 in. nominal	6.4 cm	2.5 in. nominal	6.4 cm	2.5 in. nominal	6.4 cm
		1.75 in. under the hydraulic jacks	4.5 cm	1.75 in. under the hydraulic jacks	4.5 cm	1.75 in. under the hydraulic jacks	4.5 cm
		.75 in. under **Zoom** wheels	1.9 cm	.75 in. under **Zoom** wheels	1.9 cm	.75 in. under **Zoom** wheels	1.9 cm
Electrical requirements		100 VAC, 50 Hz, 4A 120 VAC, 60 Hz, 4A 240 VAC, 50/60 Hz, 4A					

	26 in. width Prime manual only	30 in. width	30 in. width Prime X only
Battery type	2 x 12 VDC 31Ah battery (2 x 12 VDC) lead acid gel cell battery		
Battery voltage	24 VDC		
Attenuation equivalent (aluminum equivalence)	Not applicable		Maximum value allowed is 1.7 mm Al
Scale system option weight operating range	50 lb (22.7 kg) to 700 lb (318 kg)		
Scale system option accuracy	±3 lb (1.3 kg) for weights less than 100 lb (45 kg) and ±3% for weights greater than or equal to 100 lb (45 kg)*		
*To meet the scale system option accuracy claim, the patient surface must be in the flat position (Fowler backrest and Gatch down) and the product cannot exceed 5 degrees of Trendelenburg/reverse Trendelenburg.			

Electric	Electric Litter
Electrical requirements	120 VAC, 60 Hz, 4A 240 VAC, 50 Hz, 4A 240 VAC, 50/60 Hz, 4A
Duty cycle	Continuous operation with intermittent loading is 1 min. ON/20 min. OFF

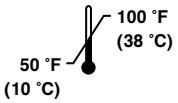
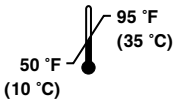
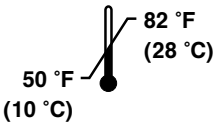
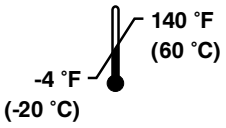
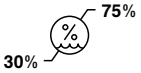
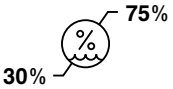
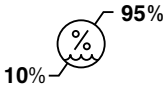
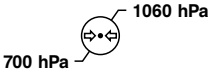
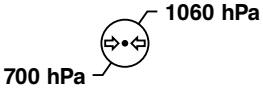
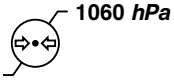
Scale system	Non-electric litter
Battery type	4 x AA battery (4 x 1.5 VDC) alkaline type (LR6)
Battery voltage	6.0 VDC

Scale system	Electric litter
Battery type	1 x rechargeable lithium ion battery pack (0058-135-000)
Battery voltage	10.8 VDC, 2.4Ah

Scale system with bed exit	Electric litter
Battery type	1 x rechargeable lithium ion battery pack (0058-134-000)
Battery voltage	10.8 VDC, 4.8Ah

Stryker reserves the right to change specifications without notice.

Note - This product is not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.

Environmental conditions	Operation		Charging	Storage and transportation
Temperature	Prime and **Prime X** 	**Prime Connect** 		
Relative humidity				
Atmospheric pressure				

Note - The scale system/bed exit operation temperature range is 61 °F (16 °C) to 79 °F (26 °C).

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

For product feature availability for your model, see *Product features* (page 19).

In accordance with the European REACH regulation and other environmental regulatory requirements, the components that contain declarable substances are listed.

Description	Number	Substance of very high concern (SVHC) chemical name
Gel cell battery assembly	1040-020-007	Lead
Battery assembly	1040-010-870	Lead

Wi-Fi radio specifications, Prime Connect

For **Prime Connect** models with Wi-Fi enabled wireless communication.

For product feature availability for your model, see *Product features* (page 19).

Hereby, Stryker Medical declares that the radio equipment type wireless LAN device is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: techweb.stryker.com/Stretcher/index.html.

Note

- **Prime Connect** security white paper available upon request.
- **Prime Connect** MDS2 form available upon request.
- **Prime Connect** software bill of materials available upon request.

Customer WLAN environment	
Microwave ovens	Avoid using microwave ovens near Stryker wireless products as this will cause degradation of service or no service due to electromagnetic or radio-frequency (RF) interference. See *Wireless coexistence notifications* (page 64).
LTE-LAA cellular band	LTE-LAA introduces a new cellular band (B46) that coexist with 5GHz Wi-Fi (5150 MHz - 5925 MHz). Any cellular devices/repeaters should have this cellular band (B46) disabled to prevent degradation of service or no service due to electromagnetic or radio-frequency (RF) interference. See *Wireless coexistence notifications* (page 64).

Manufacturer/model	Silex SX-SDMAC-2832S+
Chipset	QCA9377-3
IEEE 802.11	a/b/g/n/ac
RF bands	2.4 GHz, 5 GHz
Encryption	AES and TKIP **Note** - TKIP is not supported with WPA2.
Authentication	WPA Personal/Enterprise and WPA2 Personal/Enterprise
802.1X	PEAP-MSCHAP v2
Client certificates	Cannot accept or upload certificates
Supported data rates	IEEE 802.11b: 1-11 Mbps IEEE 802.11a/g: 6-54 Mbps IEEE 802.11n: MCS 0-7 (1x1) IEEE 802.11ac: MCS 0-9 (1x1)
Hash function compatibility	SHA-1 and SHA-2 server-side certificate recognition for PEAP-MSCHAP v2
Channel plan	2.4 GHz: All channels supported 5 GHz: All channels supported **Note** - Stryker recommends against the use of DFS and ISM channels.
Other	Leverage hospital SSID Supports fast roaming (802.11r and CCKM)

Item	**Specification - Chipset QCA9377-3**				**Unit**
	Band	**Mode**	**Min**	**Max**	
Operating frequencies	2.4GHz	11b	2412	2472	MHz
		11g/n/ac 20 MHz	2412	2472	MHz
	5GHz	11a/n/ac 20MHz	5180	5825	MHz
		11n/ac 40MHz	5190	5795	MHz
Frequency steps	2.4GHz	11b/g/n/ac 20MHz	5		MHz
	5GHz	11a/n/ac 20MHz	20		MHz
		11n/ac 40MHz	40		MHz
Modulation types	Not applicable	11b	DSSS (DBPSK, DQPSK, CCK)		Not applicable
	Not applicable	11a/g/n	OFDM (BPSK, QPSK, 16QAM, 64QAM)		Not applicable
	Not applicable	11ac	OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)		Not applicable
Maximum ERP	Not applicable	Not applicable	-8.648/21.352		dBW/dBm

Product illustration, Prime and Prime Connect

Figure 2 – Prime and Prime Connect

A	**Zoom** handle	J	Hydraulic release pedal
B	**Glideaway** siderail	K	Pump pedal
C	Base hood storage	L	Siderail latch
D	Pump pedal	M	Gatch release handle
E	Uni-lower pedal	N	**BackSmart** operator control panel
F	**Big Wheel**	O	Operator keypad
G	Bumper, integrated	P	Patient control panel lockout
H	Caster with integrated wheel cover	Q	**BackSmart** siderail patient control panel
I	Brake/steer pedal		

For product feature availability for your model, see *Product features* (page 19).

Product illustration, Prime X

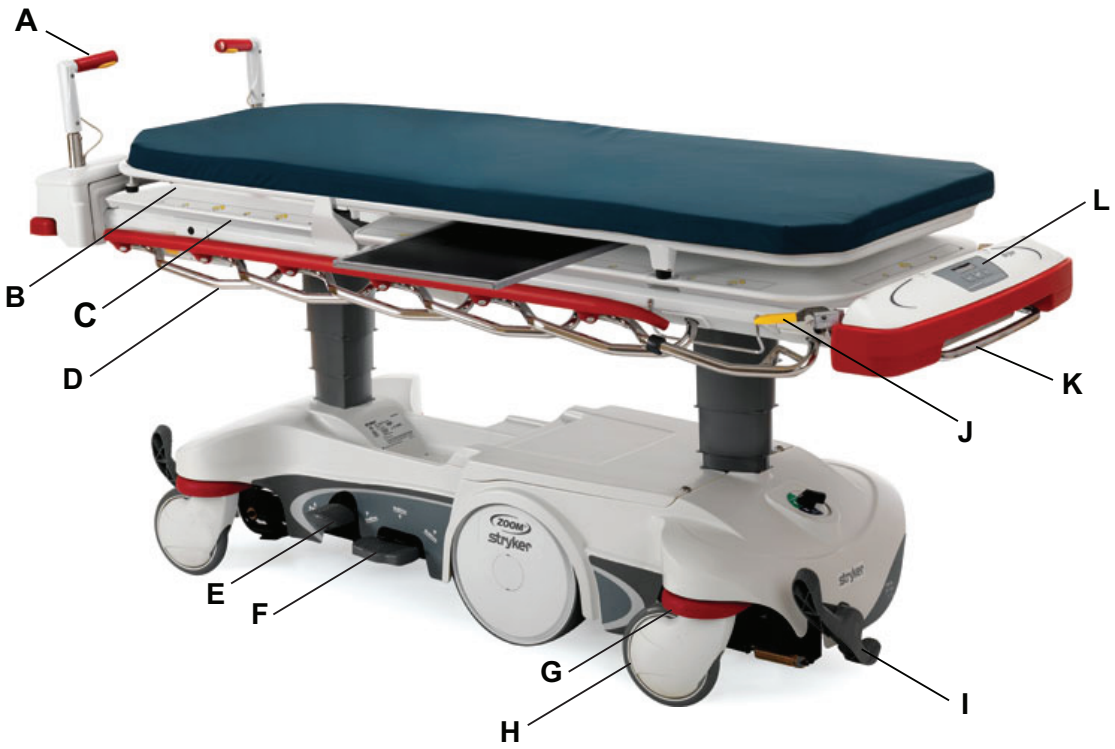


Figure 3 – Prime X

A	**Zoom** handle	G	Bumper, integrated
B	Patient surface with **Clearview Technology** deck	H	Caster with integrated wheel cover
C	Cassette tray	I	Brake/steer pedal
D	**Glideaway** siderail	J	Siderail latch
E	Pump pedal	K	Pump rack
F	Uni-lower pedal	L	Operator keypad

For product feature availability for your model, see *Product features* (page 19).

Applied parts, electric litter

Figure 4 – Type B applied parts - electric litter

For product feature availability for your model, see *Product features* (page 19).

Applied parts, Prime X

Figure 5 – Type B applied parts - Prime X

For product feature availability for your model, see *Product features* (page 19).

Contact information

Contact Stryker Customer Service or Technical Support at: 1-800-327-0770.

Stryker Medical
3800 E. Centre Avenue
Portage, MI 49002
USA

Note - The user and/or the patient should report any serious product-related incident to both the manufacturer and the Competent authority of the European Member State where the user and/or patient is established.

To view your operations or maintenance manual online, see https://techweb.stryker.com/.

Have the serial number (A) of your Stryker product available when calling Stryker Customer Service or Technical Support. Include the serial number in all written communication.

Serial number location

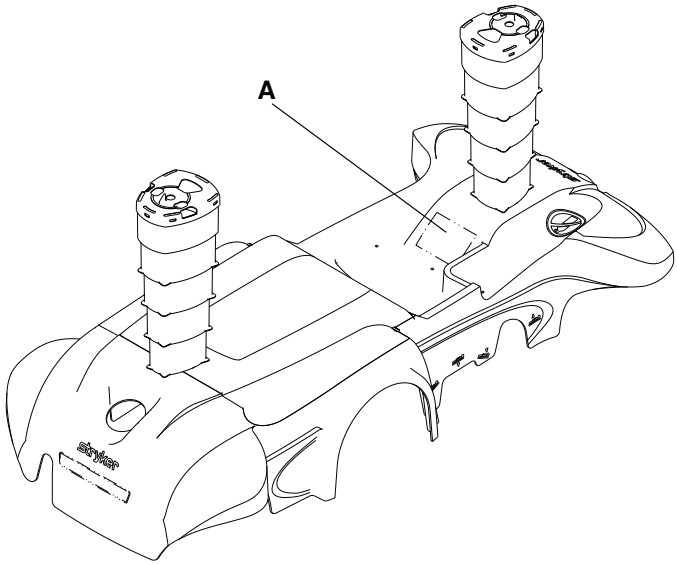


Figure 6 – Serial number location

Setup

To unpack your product, see the unpacking instructions that are attached to the product inside of the shipping crate.

WARNING

- Always allow the product to reach room temperature before you set up the product or test functional operations. Permanent product damage may occur.
- Always operate the product when all operators are clear of the mechanisms.
- Always use care when you handle the power cord. Entanglement, damage to the power cord, or potential shock hazards may occur. If the power cord is damaged, remove the product from service and contact the appropriate maintenance personnel.
- Do not use the **Prime Series** stretcher with **Zoom** Motorized Drive in the MR (Magnetic Resonance Imaging) environment. The **Prime Series** stretcher with **Zoom** Motorized Drive is MR Unsafe.
- Always plug the product into a grounded, hospital grade wall outlet. You can only achieve grounding reliability when you use a hospital grade wall outlet. This product is equipped with a hospital grade plug to protect against electric shock hazard.

CAUTION

- Always unplug the power cord from the wall outlet to isolate the **Prime Series** stretcher with **Zoom** Motorized Drive from the supply mains.
- Always position the **Prime Series** stretcher with **Zoom** Motorized Drive to allow for access to the wall outlet.

Make sure that the product functions before you put the product into service.

For product feature availabiltiy for your model, see *Product features* (page 19).

1. Apply the brake. Push on the product to make sure that all four casters lock.
2. Release the brake. Push on the product to make sure that all four casters unlock.
3. Raise and lower the litter with the hydraulic lift system.
4. Raise the product to the highest height position and put the product in the Trendelenburg position. See *Positioning the product in Trendelenburg* (page 21). Make sure that the head end lowers to the lowest height position.
5. Raise the product to the highest height position and put the product in the reverse Trendelenburg position. See *Positioning the product in reverse Trendelenburg* (page 21). Make sure that the foot end lowers to the lowest height position.
6. Apply **Big Wheel**. Make sure that the product raises and you can guide the product with the front casters and **Big Wheel**.
7. Apply **Zoom** Motorized Drive. Make sure that you can push the product forward and backward with the push handles.
8. Make sure that the siderails raise, lower, and lock in place.
9. Raise and lower the manual Fowler backrest.
10. Raise and lower the manual Gatch.

For products with electric litter:

1. Complete the setup checklist above.
2. Plug the product into a grounded, hospital grade wall outlet. Make sure that the LED lights illuminate on the keypads.
3. Make sure that each function on the siderail patient control panel works.
4. Make sure that each function on the operator control panel, operator keypad, and patient control panel lockout works.
5. Raise and lower the electric Fowler backrest.
6. Raise and lower the electric Gatch.

For products with battery backup:

1. Complete the setup checklist above.

2. Charge the batteries. See *Charging the battery pack* (page 41).

Setting up bed exit over wired nurse call, Prime Connect

Note

- The nurse call interface connects to nurse call systems designed to comply with appropriate standards (i.e. IEC 60601-1, IEC 60950, UL 1069) and rated for a maximum of 42.4Vrms, 60VDC 1.5A.
- The product is equipped with an input that accepts a 1/4” nurse call cable.

For product feature availability for your model, see *Product features* (page 19).

To setup nurse call communication:

1. Plug the nurse call cable into the 1/4” nurse call cable connector on the litter frame at the head end of the product.
2. Plug the nurse call cable into the applicable connection (patient station, head wall, or docker station).

   Note - Do not wrap the nurse call cable around the head end push handles or other objects to avoid the risk of product, cable, or head wall damage.

Setting up iBed Locator, Prime Connect

For instructions about how to mount and connect to the **iBed** Locator, see the **iBed** Locator Operations and Installation Manual.

For product feature availability for your model, see *Product features* (page 19).

The **Location** icon (A) illuminates green when the product is connected to the **iBed** Locator (Figure 7).

The **Location** icon illuminates amber when the product is not connected to the **iBed** Locator.

Note - The **Location** icon only illuminates if the wireless option is enabled and the power cord is plugged into a wall outlet.

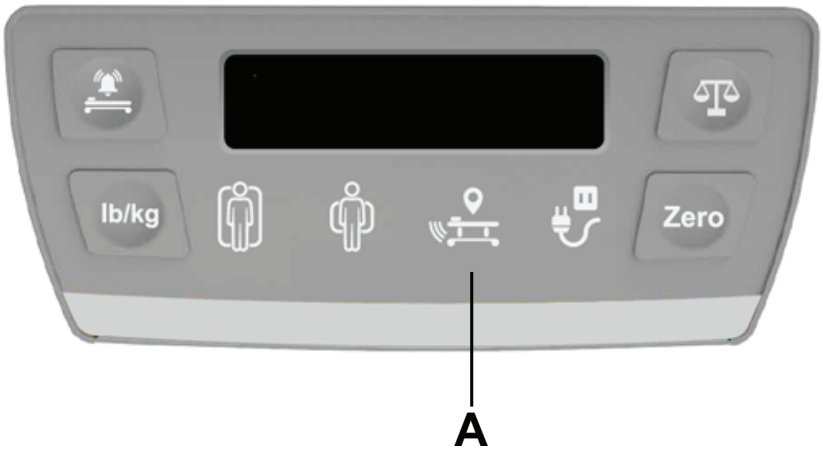


Figure 7 – Location icon

Operation

Product features

Product feature availability depends on your **Prime Series** stretcher model, configuration, and region. To confirm availability, call Stryker Customer Service: 1-800-327-0770.

Feature	Prime manual	Prime electric	Prime Connect	Prime X
Electric lift	Not available	Option [1]	Option [1]	Option [1]
Electric litter	Not available	Standard	Standard	Not available
Bed exit	Not available	Option	Standard	Not available
Wireless communication	Not available	Not available	Standard [2]	Not available
Scale system	Option [2]	Option [2]	Standard [2]	Option [2]
Bed exit over wired nurse call	Not available	Not available	Standard	Not available
Power cord with retractable cord reel	Not available	Option [2]	Standard [2]	Option [2]
Head end push handles	Option	Option	Standard	Option
Side brake/steer pedal	Option [1]	Option [1]	Standard [1]	Option [1]
Lift Assist/recovery chair position	Option	Standard	Standard	Not available
Adjustable Gatch	Standard	Standard	Standard	Not available

[1] Product feature not available for Stryker Model 1125 **Prime Series** stretcher with **Zoom** Motorized Drive.

[2] Product feature not available in all regions.

Applying and releasing the brakes

WARNING - Always apply the brakes when a patient is getting on the product or off the product or when the product is not moving. Injury could result if the product moves while a patient is getting on the product or off the product.

To apply the brakes, push down on the brake (red) side of the brake/steer pedal. Push on the product to make sure that the brakes work.

To release the brakes, push down on the steer (green) side of the brake/steer pedal.

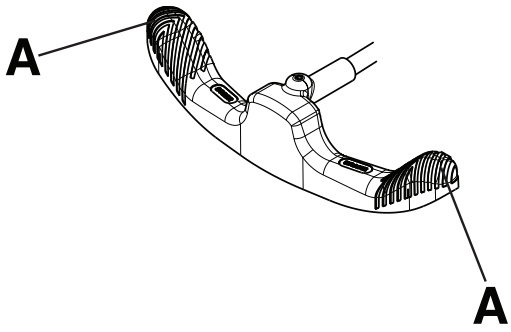


Figure 8 – Operating the brake/steer pedal

Note - Do not push down on the center of the brake/steer pedal. Always push down on the outer side (A) of the brake/steer pedal (Figure 8).

Base controls

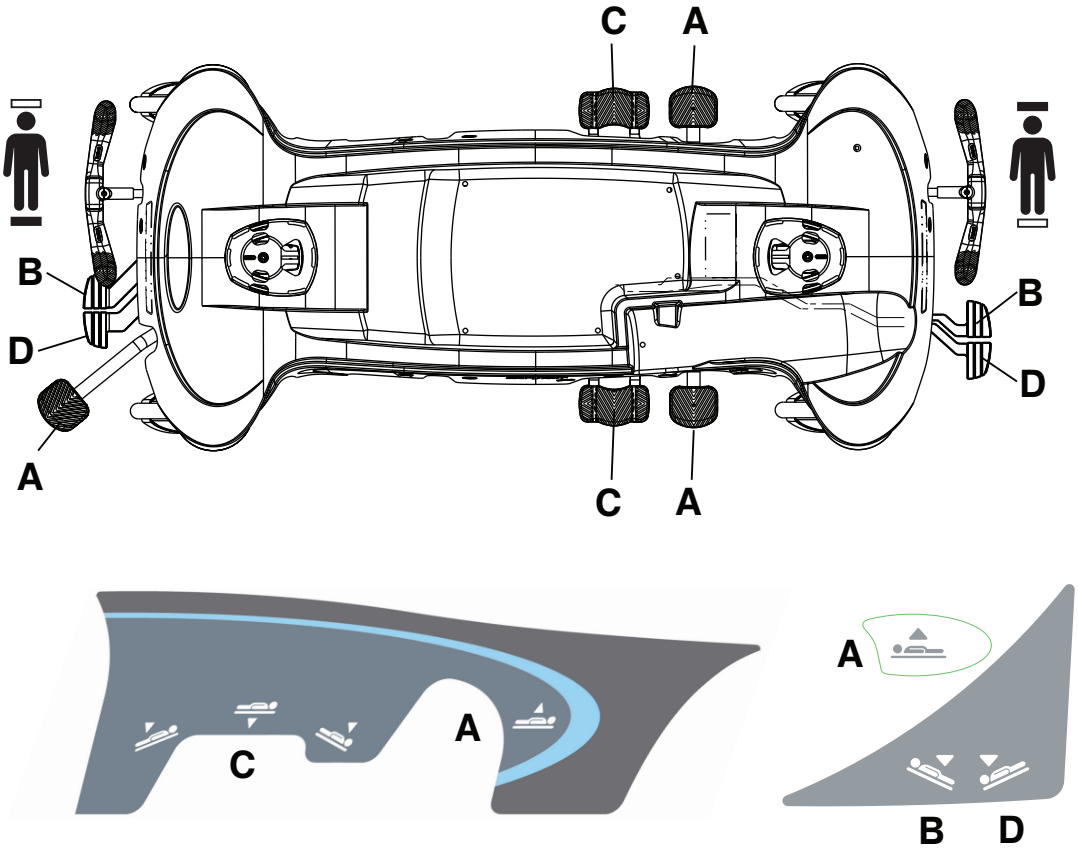


Figure 9 – Base controls and labels

Raising the product

WARNING

- Always position the patient in the center of the product.
- Always lock the siderails in the highest height position and lower the product to the lowest height position when you leave a patient unattended.

- Always remove any devices that may be in the way before you raise or lower the litter.
- Do not sit on the end of the product. The product may tip.

CAUTION - Do not use the hydraulics on the base to raise the product with a patient lift under the product.

For product feature availability for your model, see *Product features* (page 19).

For products with an electric lift, press down on the pump pedal (A) until you achieve the desired height (*Base controls* (page 20)).

For products with a non-electric lift, pump the pump pedal (A) until you achieve the desired height.

Lowering the product

WARNING
- Always position the patient in the center of the product.
- Always lock the siderails in the highest height position and lower the product to the lowest height position when you leave a patient unattended.
- Always remove any devices that may be in the way before you raise or lower the litter.
- Do not sit on the end of the product. The product may tip.

CAUTION - Do not use the hydraulics on the base to raise the product with a patient lift under the product.

For product feature availability for your model, see *Product features* (page 19).

To lower the entire product, press down on the center of the uni-lower pedal (C) (*Base controls* (page 20)).

To lower the head end, press down on the pedal (B) or on the side of the uni-lower pedal (C) closest to the head end of the product.

To lower the foot end, press down on the pedal (D) or press down on the side of the uni-lower pedal (C) closest to the foot end of the product.

Positioning the product in Trendelenburg

WARNING - Always remove any devices that may be in the way before you raise or lower the litter.

CAUTION - Do not use the hydraulics on the base to raise the product with a patient lift under the product.

To position the product in the Trendelenburg position (head down), raise the product to the highest height position. See *Raising the product* (page 20).

Note - Raise the product to the highest height position for a greater Trendelenburg angle.

To lower the head end of the product, push down on the head end or foot end release pedal (D) or push down on the side of the uni-lower pedal (C) closest to the head end (*Base controls* (page 20)).

To lower the product from Trendelenburg position, push down on the head end and foot end release pedals (B and D) at the same time or push down on the center of the uni-lower pedal (C) until the litter is flat.

Positioning the product in reverse Trendelenburg

WARNING - Always remove any devices that may be in the way before you raise or lower the litter.

CAUTION - Do not use the hydraulics on the base to raise the product with a patient lift under the product.

To position the product in the reverse Trendelenburg position (foot down), raise the product to the highest height position. See *Raising the product* (page 20).

Note - Raise the product to the highest height position for a greater Trendelenburg angle.

To lower the foot end of the product, push down on the head end or foot end release pedal (B) or push down on the side of the uni-lower pedal (C) closest to the foot end (*Base controls* (page 20)).

To lower the product from reverse Trendelenburg position, push down on the head end and foot end release pedals (B and D) at the same time or push down on the center of the uni-lower pedal (C) until the litter is flat.

Transporting a patient without Big Wheel

WARNING

- Always position the patient in the center of the product.
- Always lock the siderails in the highest height position with the sleep surface horizontal and lower the product to the lowest height position when you transport a patient.

Note

- Always make sure that you secure, lower, or stow accessories before you transport a patient to avoid the risk of product damage.
- For **Prime** electric and **Prime Connect** models, always unplug the power cord from the wall outlet before you transport a patient to avoid the risk of product damage.
- For **Prime Connect** models, always disconnect the nurse call cable from the stretcher before you transport a patient to avoid the risk of product, cable, or head wall damage.

For product feature availability for your model, see *Product features* (page 19).

To transport a patient without **Big Wheel**:

1. Raise the siderails to the highest height position. Pull to make sure that the siderail is latched.
2. Lower the product to the lowest height position.
3. Release the brakes. See *Applying and releasing the brakes* (page 19). Keep the brake/steer pedal (A) in the neutral (horizontal) position (Figure 10).

   Note - With the brake/steer pedal in the neutral position, **Big Wheel** (B) is elevated and the product rests on all four casters (C). In the neutral position, you can move the product in any direction, including sideways.

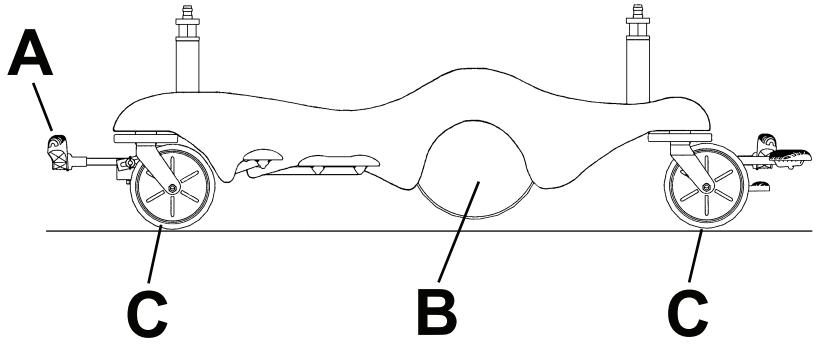


Figure 10 – Transporting without Big Wheel

4. For Model 1125 only, turn the **On/Drive**-**Off/Manual** switch to the **Off/Manual** position.
5. Move the product with the push handles.
6. Apply the brakes to lock the product in place.

Transporting a patient with Big Wheel

WARNING

- Always position the patient in the center of the product.
- Always lock the siderails in the highest height position with the sleep surface horizontal and lower the product to the lowest height position when you transport a patient.

CAUTION - Do not apply the steer pedal when **Big Wheel** is resting on a threshold or other raised area. The force required to apply **Big Wheel** will be higher than normal and may cause product damage.

Note

- Always make sure that you secure, lower, or stow accessories before you transport a patient to avoid the risk of product damage.
- For **Prime** electric and **Prime Connect** models, always unplug the power cord from the wall outlet before you transport a patient to avoid the risk of product damage.
- For **Prime Connect** models, always disconnect the nurse call cable from the stretcher before you transport a patient to avoid the risk of product, cable, or head wall damage.

For product feature availability for your model, see *Product features* (page 19).

To transport a patient with **Big Wheel**:

1. Raise the siderails to the highest height position. Pull to make sure that the siderail is latched.
2. Lower the product to the lowest height position.
3. Release the brakes. See *Applying and releasing the brakes* (page 19).
4. Push down on the steer (green) side of the brake/steer pedal (A) to put the brake/steer pedal in the steer position and apply **Big Wheel** (Figure 11).

   Note

   - The **Big Wheel** (B) does not pivot. You cannot move the product sideways when you apply **Big Wheel**.
   - When you apply **Big Wheel** (B), the product is raised and the foot end casters (C) are elevated. The product rests on the head end casters and **Big Wheel** makes the product easier to steer.

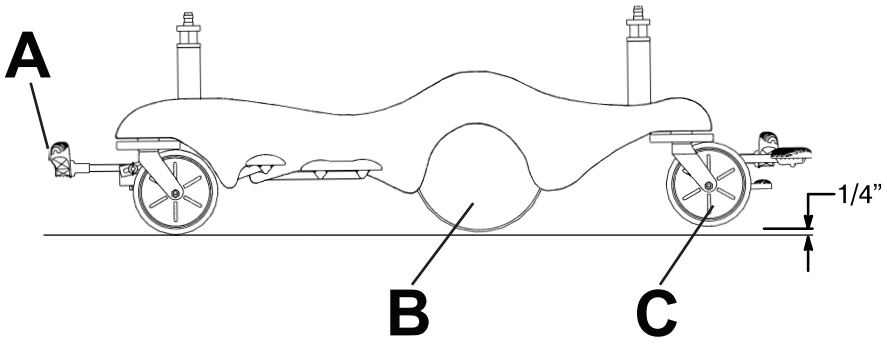


Figure 11 – Transporting with Big Wheel

5. For Model 1125 only, turn the **On/Drive-Off/Manual** switch to the **Off/Manual** position.
6. Move the product with the push handles.
7. Apply the brakes to lock the product in place.

Transporting a patient with Zoom Motorized Drive

WARNING

- Always position the patient in the center of the product.
- Always lock the siderails in the highest height position with the sleep surface horizontal and lower the product to the lowest height position when you transport a patient.
- Do not use the **Prime Series** stretcher with **Zoom** Motorized Drive in the MR (Magnetic Resonance Imaging) environment. The **Prime Series** stretcher with **Zoom** Motorized Drive is MR Unsafe.
- Always operate the product when all operators are clear of the mechanisms.

CAUTION - Always immediately unplug the power cord from the wall outlet and turn the **On/Drive-Off/Manual** switch to the **Off/Manual** position if large fluid spills occur in the area of the circuit boards or motors. Fluids can short out controls and may cause the product to operate erratically or may make some functions inoperable. Component failure caused by fluids may also cause the product to operate unpredictably and could cause injury to the patient. Do not put the product back into service until it is dry and has been tested for safe operation.

Note

- Always make sure that you secure, lower, or stow accessories before you transport a patient to avoid the risk of product damage.
- For **Prime** electric and **Prime Connect** models, always unplug the power cord from the wall outlet before you transport a patient to avoid the risk of product damage.
- For **Prime Connect** models, always disconnect the nurse call cable from the stretcher before you transport a patient to avoid the risk of product, cable, or head wall damage.

For product feature availability for your model, see *Product features* (page 19).

To transport a patient with **Zoom** Motorized Drive:

1. Unplug the power cord from the wall outlet.

   Note - The drive function will not operate if the power cord is plugged into a wall outlet.

2. Release the brakes. See *Applying and releasing the brakes* (page 19).
3. Push down on the steer (green) side of the brake/steer pedal (A) to put the brake/steer pedal in the steer position (Figure 12).

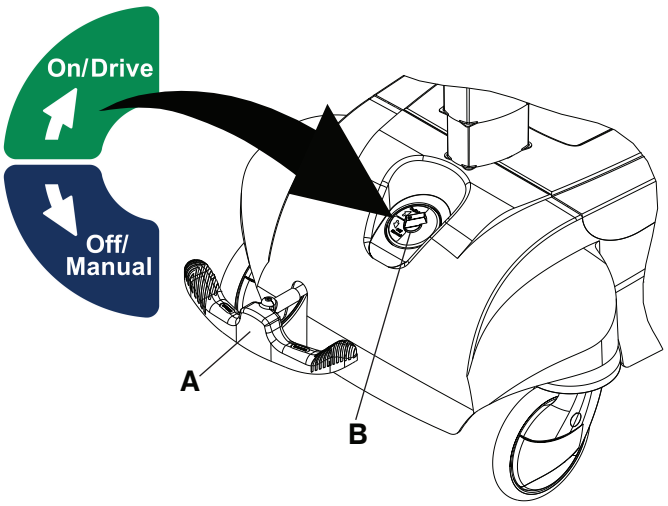


Figure 12 – On/Drive-Off/Manual switch

4. Turn the **On/Drive-Off/Manual** switch (B) to the **On/Drive** position.
5. Lower the product to the lowest height position.

6. Check the two LEDs on the drive handle to see if the product is ready for use. If the green LED is on, the product is ready for use. If the amber LED is on, the product is not ready for use.
7. If the **Zoom** handles are in the stowed position, pull the **Zoom** handles up to the raised position then push down on the **Zoom** handles to lock into position (Figure 13).

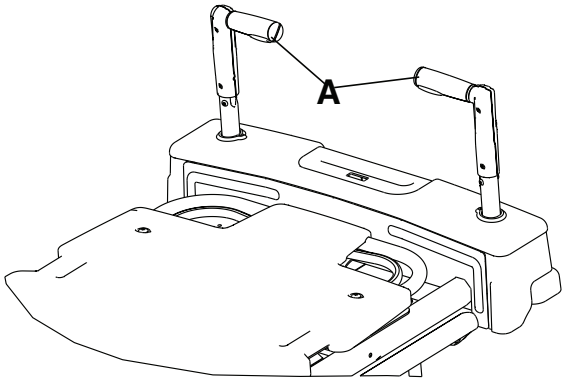


Figure 13 – Zoom handles in the raised position

8. Grasp the **Zoom** handles at the two raised grip areas. Squeeze one or both of the motion release switches under the handles to move the product (Figure 14).

   Note - You can use either motion release handle to start movement, but you must release both motion release handles to stop movement.

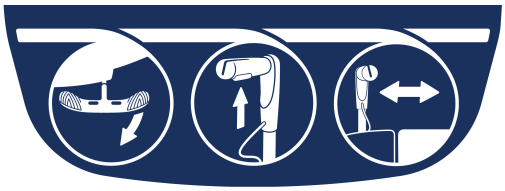


Figure 14 – Zoom operation

9. Push the **Zoom** handles away from you or pull the handles toward you to move the product in the desired direction. As you push or pull, the product will adjust the speed in proportion to the amount of force that you apply to the **Zoom** handles. When the desired speed is reached, relax the force to maintain the speed.
10. Push or pull the **Zoom** handles again to increase or decrease the speed of the product.
11. Release both **Zoom** handles to stop the product.

    Note - The drive wheel does not pivot. You cannot move the product laterally when the drive wheel is applied. With the drive wheel in the neutral position and the brakes released, you can move the product in any direction, including laterally.
12. Apply the brakes to lock the product in place.
13. Stow the **Zoom** handles by lifting up on the **Zoom** handles. Push the **Zoom** handles into the stowed position (Figure 15).

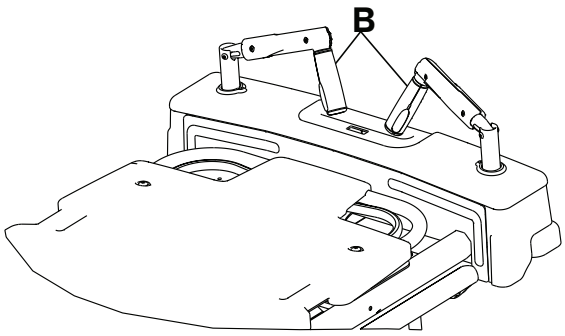


Figure 15 – Zoom handles in the stowed position

Note

- Use caution when you move the product with the drive wheel applied. Make sure that there are no obstacles near the product while the drive wheel is applied. Injury to patient, operator, or bystander or damage to the product or surrounding equipment could occur if the product collides with an obstacle.
- Always make sure that the brake is released before you attempt to move the product. Attempting to move the product with the brakes applied may result in operator or patient injury.
- If unanticipated motion occurs, turn the **On/Drive**-**Off/Manual** switch to the **Off/Manual** position. Unplug the power cord from the wall outlet.

Charging the Zoom Motorized Drive battery

CAUTION

- Always remove the batteries before you place the product in storage or if the product will remain idle for an extended period of time. Each battery weighs 25 lb (11.3 kg). Use caution when you remove the batteries to avoid injury.
- Always wash your hands after you handle battery posts, terminals, or related accessories. Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Properly dispose of batteries when required.

For product feature availability for your model, see *Product features* (page 19).

Two 12V batteries are required to power the drive wheel. The drive wheel will not operate properly if the batteries are not sufficiently charged. When fully discharged, the batteries require approximately eight hours of charging time to recharge (Figure 16).

Plug the power cord into a grounded, hospital grade wall outlet whenever possible to maintain the battery charge levels.

The battery power gauge is located at the head end of the litter (Figure 16). The six LEDs illuminate individually to indicate the level of battery power that is available to the product. As the batteries are charging, the LEDs will flash in succession until all are flashing to indicate that the batteries are fully charged.

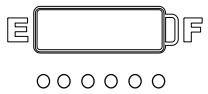


Figure 16 – Battery power gauge

Transporting a patient manually without Zoom Motorized Drive wheel

WARNING

- Always unplug the power cord from the wall outlet before you transport or clean the product.
- Do not attempt to push the product manually with the **Zoom** Motorized Drive wheel engaged and the **On/Drive**-**Off/ Manual** switch in the **On/Drive** position. The product will be difficult to push and injury may occur.
- Always position the patient in the center of the product.
- Always lock the siderails in the highest height position with the sleep surface horizontal and lower the product to the lowest height position when you transport a patient.

CAUTION - Do not apply the steer pedal when **Big Wheel** is resting on a threshold or other raised area. The force required to apply **Big Wheel** will be higher than normal and may cause product damage.

Note

- Always make sure that you secure, lower, or stow accessories before you transport a patient to avoid the risk of product damage.
- For **Prime** electric and **Prime Connect** models, always unplug the power cord from the wall outlet before you transport a patient to avoid the risk of product damage.
- For **Prime Connect** models, always disconnect the nurse call cable from the stretcher before you transport a patient to avoid the risk of product, cable, or head wall damage.

For product feature availability for your model, see *Product features* (page 19).

To transport a patient manually without **Zoom** Motorized Drive wheel:

1. Raise the siderails to the highest height position. Pull to make sure that the siderail is latched.
2. Unplug the power cord from the wall outlet.
3. Release the brakes. See *Applying and releasing the brakes* (page 19).
4. Push down on the steer (green) side of the brake/steer pedal (A) to put the brake/steer pedal in the steer position (Figure 17).

   Note - You can now move the product with **Big Wheel** for easier manual transportation.

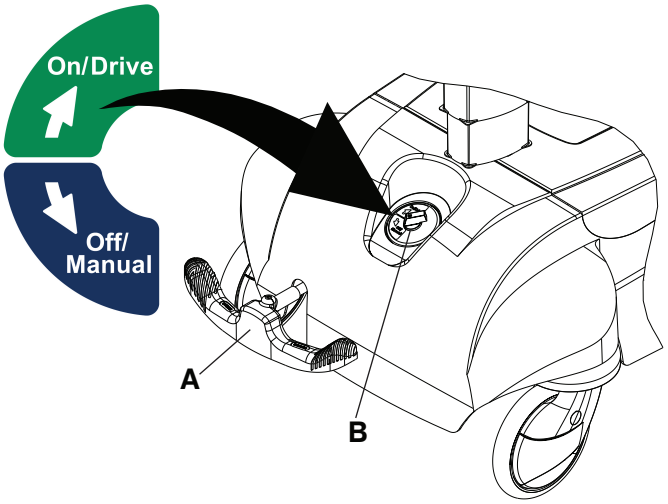


Figure 17 – On/Drive-Off/Manual switch

5. Turn the **On/Drive-Off/Manual** switch (B) to the **On/Drive** position.
6. Lower the product to the lowest height position.
7. Move the product with the **Zoom** handles.
8. Apply the brakes to lock the product in place.

Note

- Always make sure that the brake is released before you move the product to avoid operator or patient injury.
- When you apply **Big Wheel**, the product is raised and the foot end casters are elevated. The product rests on the head end casters and **Big Wheel** to make the product easier to steer.
- This manual transport option allows you to move the product with the assistance of **Big Wheel** without the power assistance of **Zoom** Motorized Drive wheel.

Raising the siderail

WARNING

- Always use extra caution when you use a mattress thicker than 2.5 in. or a mattress overlay with **Prime X**.
- Always lock the siderails in the highest height position and lower the product to the lowest height position when you leave a patient unattended.
- Always lock the siderails in the highest height position with the sleep surface horizontal and lower the product to the lowest height position when you transport a patient.
- Always keep the patient's limbs away from the siderail spindles when you raise or lower the siderail.
- Do not allow the siderails to lower on their own.

To raise the siderail:

1. Use two hands to grasp the siderail.
2. Lift the siderail toward the foot end of the product until the yellow release latch clicks into place. Pull to make sure that the siderail is latched.

Note

- There is a dual siderail release latch option available with latches on both ends of the product.
- Do not use siderails as restraint devices to keep the patient from exiting the product. The siderails keep the patient from rolling off the product. The operator must determine how much restraint is needed to make sure that the patient is safe.
- You can use the foot end of the siderail top rail as a push/pull device.
- Siderails only lock in the highest height position.

Lowering the siderail

WARNING

- Always use extra caution when you use a mattress thicker than 2.5 in. or a mattress overlay with **Prime X**.
- Always lock the siderails in the highest height position and lower the product to the lowest height position when you leave a patient unattended.
- Always lock the siderails in the highest height position with the sleep surface horizontal and lower the product to the lowest height position when you transport a patient.
- Always keep the patient's limbs away from the siderail spindles when you raise or lower the siderail.
- Do not allow the siderails to lower on their own.

To lower the siderail:

1. Use one hand to grasp the siderail.
2. Use the other hand to pull up on the yellow release latch.
3. Lift and guide the siderail toward the head end of the product until the yellow release latch clicks into place. Pull to make sure that the siderail is latched.

Note

- There is a dual siderail release latch option available with latches on both ends of the product.
- Do not use siderails as restraint devices to keep the patient from exiting the product. The siderails keep the patient from rolling off the product. The operator must determine how much restraint is needed to make sure that the patient is safe.
- You can use the foot end of the siderail top rail as a push/pull device.
- Siderails only lock in the highest height position.

Positioning the product with the siderail patient control panel, electric litter

WARNING - Always operate the product when all operators are clear of the mechanisms.

For product feature availability for your model, see *Product features* (page 19).

Use the siderail patient control panel to position the Fowler backrest and Gatch (Figure 18).

Healthcare professionals must instruct patients how to operate the patient controls.

Note

- Always plug the power cord into a grounded, hospital grade wall outlet.
- The siderail patient control panel is positioned in a staggered location on each side of the product for easy patient access.
- Each siderail has backlit controls to allow the patient to position the Fowler backrest and Gatch. When the product is plugged in and the patient control panel is unlocked, the white buttons are illuminated.

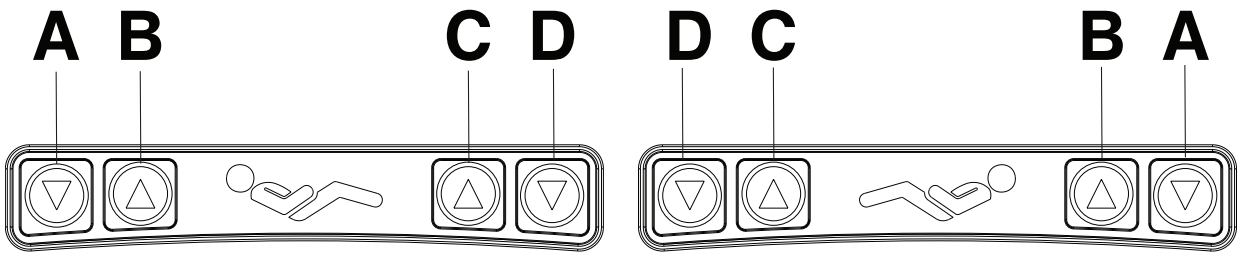


Figure 18 – Siderail patient control panel

A	Fowler down	Lowers the Fowler backrest
B	Fowler up	Raises the Fowler backrest
C	Gatch up	Raises the Gatch
D	Gatch down	Lowers the Gatch

Operator control panel, electric litter

WARNING - Always operate the product when all operators are clear of the mechanisms.

For product feature availability for your model, see *Product features* (page 19).

Use the operator control panel to adjust the position of the patient on the product (Figure 19).

Note - Always plug the power cord into a grounded, hospital grade wall outlet.

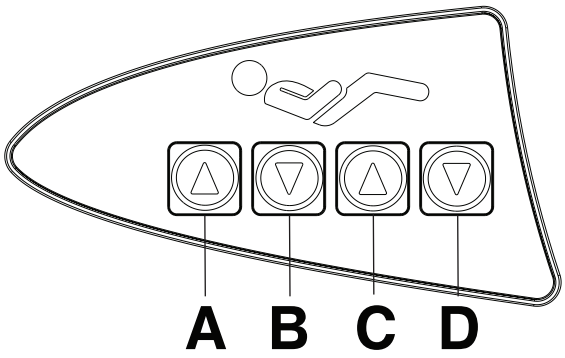


Figure 19 – Operator control panel - electric litter

A	Fowler up	Raises the Fowler backrest
B	Fowler down	Lowers the Fowler backrest
C	Gatch up	Raises the Gatch
D	Gatch down	Lowers the Gatch

Locking and unlocking the patient control panel lockout, electric litter

WARNING - Always operate the product when all operators are clear of the mechanisms.

For product feature availability for your model, see *Product features* (page 19).

To lock the siderail patient control panel, press **Unlock/Lock** (A) once (Figure 20).

Note - The lock icon (C) illuminates amber when the patient controls are locked.

To unlock the siderail patient control panel, press **Unlock/Lock** (A) a second time.

Note - The unlock icon (B) illuminates green when the patient controls are unlocked.

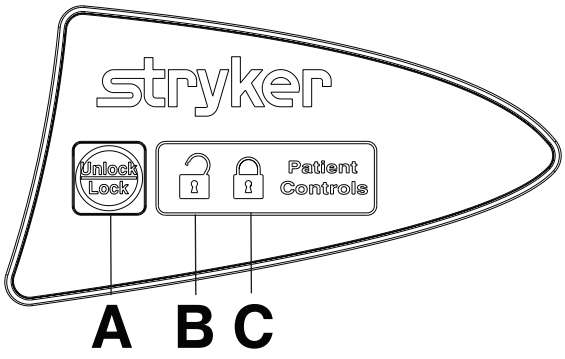


Figure 20 – Patient control panel lockout

Note

- Always plug the power cord into a grounded, hospital grade wall outlet.
- You can lock the patient control panel to prevent the patient from moving the Fowler backrest and Gatch.
- The siderail patient control panel is not backlit when you lock the patient control panel.

Raising or lowering the Fowler backrest, non-electric litter

WARNING

- Always operate the product when all operators are clear of the mechanisms.
- Always keep hands and fingers clear of the Fowler backrest release handles and the Fowler backrest frame when you lower the Fowler backrest.
- Always use caution when you raise and lower the Fowler backrest while a patient is on the product. Use proper lifting techniques and get help, if necessary.

For product feature availability for your model, see *Product features* (page 19).

To raise the Fowler backrest:

1. Squeeze and hold one or both of the Fowler backrest release handles (A) while you pull the Fowler backrest up to the desired position (0° to 90°) (Figure 21).

   Note - The **Lift Assist** backrest uses patient weight to assist in patient positioning. The **Lift Assist** backrest also helps to keep the patient from sliding toward the foot end of the product when you raise the Fowler backrest.

2. Release the Fowler backrest release handle to lock the Fowler backrest in position.

To lower the Fowler backrest:

1. Squeeze and hold one or both of the Fowler backrest release handles (A) while you push the Fowler backrest down to the desired position (90° to 0°) (Figure 21).
2. Release the Fowler backrest release handle to lock the Fowler backrest in position.

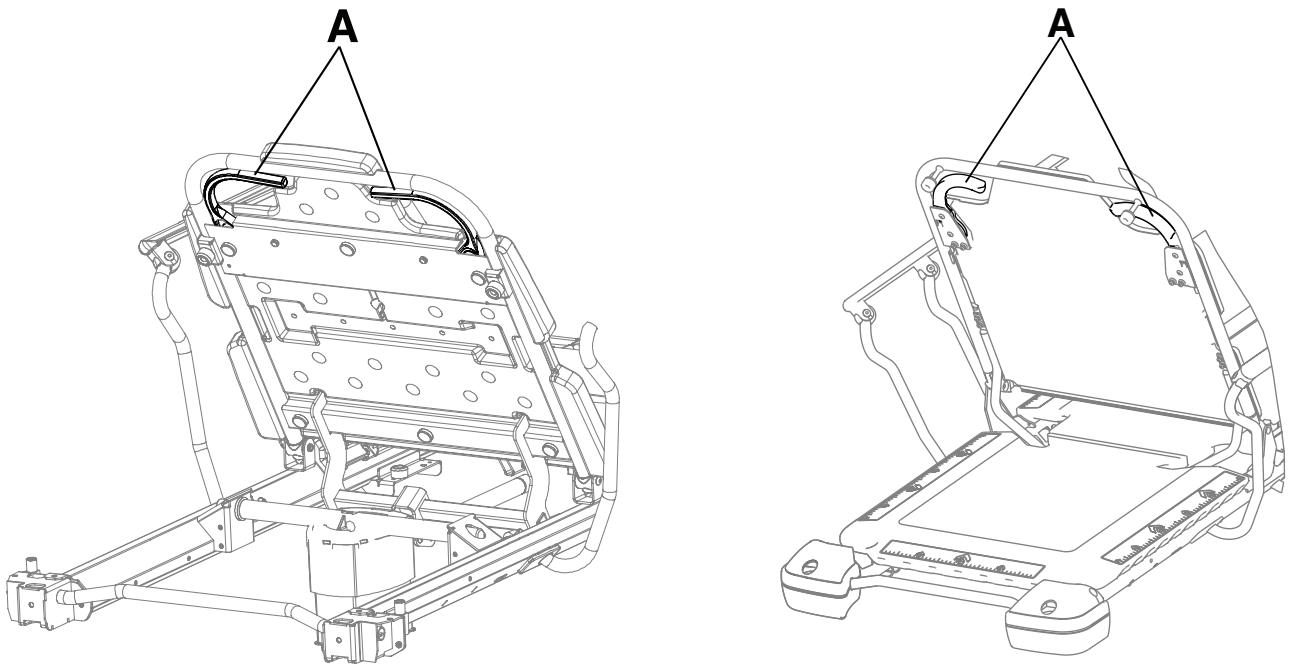


Figure 21 – Raising or lowering the Fowler backrest

Raising or lowering the Fowler backrest, electric litter

WARNING

- Always operate the product when all operators are clear of the mechanisms.
- Always keep hands and fingers clear of the Fowler backrest release handles and the Fowler backrest frame when you lower the Fowler backrest.
- Always use caution when you raise and lower the Fowler backrest while a patient is on the product. Use proper lifting techniques and get help, if necessary.

Note

- Always plug the power cord into a grounded, hospital grade wall outlet.
- Healthcare professionals must instruct patients how to operate the patient controls.

For product feature availability for your model, see *Product features* (page 19).

To raise the Fowler backrest:

1. Press and hold the **Fowler up** button (B) on the siderail patient control panel (*Positioning the product with the siderail patient control panel, electric litter* (page 29)) or the **Fowler up** button (A) on the operator control panel (*Operator control panel, electric litter* (page 30)).
2. Release the button when the Fowler backrest reaches the desired angle.

Note - The **Lift Assist** backrest uses patient weight to assist in patient positioning. The **Lift Assist** backrest also helps to keep the patient from sliding toward the foot end of the product when you raise the Fowler backrest.

To lower the Fowler backrest:

1. Press and hold the **Fowler down** button (A) on the siderail patient control panel (*Positioning the product with the siderail patient control panel, electric litter* (page 29)) or the **Fowler down** button (B) on the operator control panel (*Operator control panel, electric litter* (page 30)).
2. Release the button when the Fowler backrest reaches the desired angle.

Raising or lowering the Gatch, non-electric litter

WARNING - Always keep hands and fingers clear of the foot end push handles when you lower the Gatch.

CAUTION

- Do not exceed the 200 lb (90.7 kg) weight capacity of the Gatch.
- Always make sure that the Gatch prop rod is secure before you raise or lower the Gatch.
- Do not sit or stand on the Gatch.

Note - You cannot raise the Gatch manually if the product has an electric litter.

For product feature availability for your model, see *Product features* (page 19).

To raise the Gatch:

1. Pump the Gatch pump handle until you achieve the desired position.
2. Lift up on the end of the Gatch and secure the Gatch prop rod in the bracket.

To lower the Gatch:

1. Lift up on the end of the Gatch, swing the prop rod toward the head end of the product, and lower the foot end.
2. Pull the Gatch release handle until you achieve the desired position.

Raising or lowering the Gatch, electric litter

WARNING

- Always keep hands and fingers clear of the foot end push handles when you lower the Gatch.
- Always operate the product when all operators are clear of the mechanisms.

CAUTION

- Do not exceed the 200 lb (90.7 kg) weight capacity of the Gatch.
- Do not sit or stand on the Gatch.
- Always use caution when you attempt to lower the Gatch while the product is unpowered. Gravity may cause a rapid drop of the Gatch.

Note

- Always plug the power cord into a grounded, hospital grade wall outlet.
- Healthcare professionals must instruct patients how to operate the patient controls.

For product feature availability for your model, see *Product features* (page 19).

To raise the Gatch:

1. Press and hold the **Gatch up** button (C) on the siderail patient control panel (*Positioning the product with the siderail patient control panel, electric litter* (page 29)) or the operator control panel (*Operator control panel, electric litter* (page 30)).
2. Release the button when the Gatch reaches the desired angle.

To lower the Gatch:

1. Press and hold the **Gatch down** button (D) on the siderail patient control panel (*Positioning the product with the siderail patient control panel, electric litter* (page 29)) or the operator control panel (*Operator control panel, electric litter* (page 30)).
2. Release the button when the Gatch reaches the desired angle.

Positioning the recovery chair

WARNING - Always operate the product when all operators are clear of the mechanisms.

Note - To place the product in the recovery chair position, the product must have the **Lift Assist** Fowler backrest and Gatch options.

For product feature availability for your model, see *Product features* (page 19).

To place the product in the recovery chair position (Figure 22):

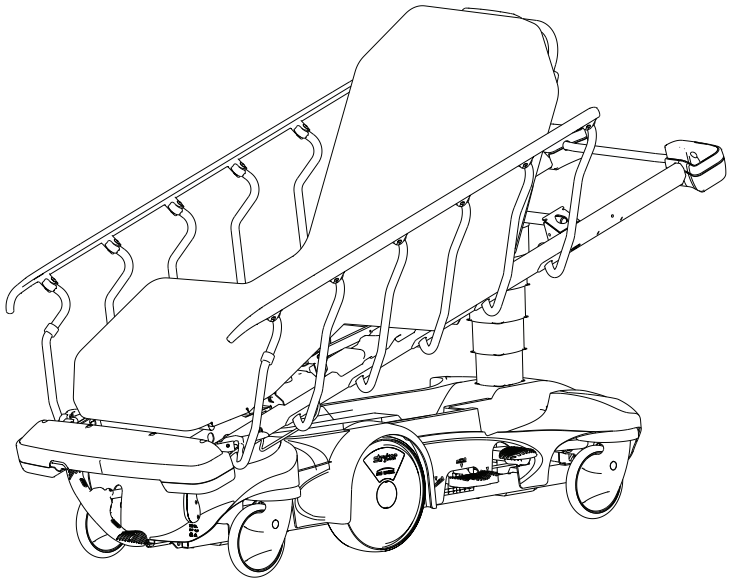


Figure 22 – Recovery chair (Model 1115 shown)

1. Raise the Fowler backrest to a seated position. See *Raising or lowering the Fowler backrest, non-electric litter* (page 31) or *Raising or lowering the Fowler backrest, electric litter* (page 32).
2. Raise the Gatch to the highest height position. See *Raising or lowering the Gatch, non-electric litter* (page 33) or *Raising or lowering the Gatch, electric litter* (page 33).
3. Raise the product to the highest height position. See *Raising the product* (page 20).
4. Place the product into the reverse Trendelenburg position. See *Positioning the product in reverse Trendelenburg* (page 21).
5. Reverse steps to return the product to a horizontal position.

Storing objects in the base hood

CAUTION

- Do not place objects that exceed 60 lb (27 kg) in the base hood.
- Do not sit, step, or stand on the base hood.

You can store patient belongings in the base hood. Do not use the oxygen bottle holder cutout to store oxygen bottles or patient belongings.

Hanging devices with the pump rack option

WARNING

- Always keep device lines on the pump rack away from the Gatch handles.

- Always remove any devices that may be in the way before you raise or lower the litter.
- Always make sure that devices on the pump rack can pass through door openings.
- Do not lift the product by the pump rack.

CAUTION
- Do not exceed the 40 lb (18 kg) weight capacity of the pump rack.
- Do not use the pump rack as a push/pull device. Product damage may occur.

You can store or hang additional devices on the pump rack that is located on the foot end of the product.

Note - You must select the pump rack option at the time of purchase.

Extending or retracting the power cord with the retractable cord reel

WARNING
- Always unplug the power cord from the wall outlet before you transport or clean the product.
- Always use the retractable cord reel to store the power cord inside the base when you transport the product.

Note - Always unplug the power cord from the wall outlet before you transport a patient to avoid the risk of product damage.

For product feature availability for your model, see *Product features* (page 19).

To extend the power cord, pull the power cord out from the retractable cord reel (A) to the desired length (Figure 23).

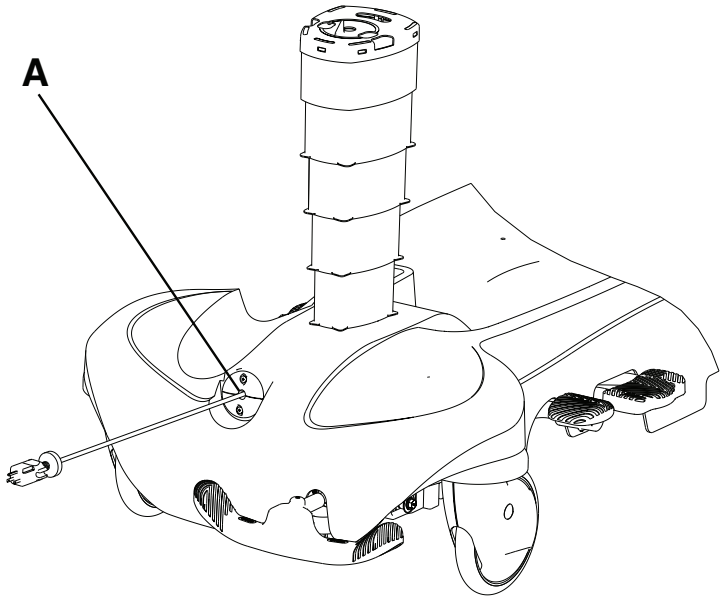


Figure 23 – Retractable cord reel

To retract the power cord:

1. Unplug the power cord from the wall outlet.
2. Tug lightly on the power cord.
3. Guide the power cord into the retractable cord reel.

Scale system and bed exit

WARNING - Do not use the scale system, electric lift, or electric litter options adjacent to or stacked with other devices. If adjacent or stacked use is necessary, the scale system, electric lift, or electric litter options should be observed to make sure that all devices operate in the configuration in which they will be used.

CAUTION - Do not use the scale for patients under 50 lb (22.7 kg).

For product feature availability for your model, see *Product features* (page 19).

Bed exit allows you to set zone controls to alert an operator when a patient moves from the selected zone.

The scale system allows you to weigh a patient. For **Prime** electric and **Prime Connect** models, the scale system has a battery backup. See *Charging the battery pack* (page 41).

Use the operator keypad to operate the scale system or bed exit. See *Operator keypad icon/button identification* (page 36).

Operator keypad icon/button identification

For product feature availability for your model, see *Product features* (page 19).

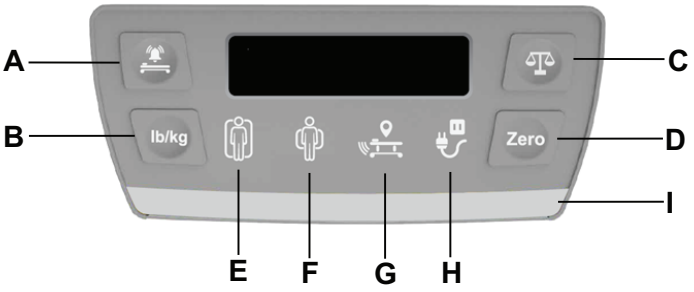


Figure 24 – Prime Connect keypad, with bed exit and scale

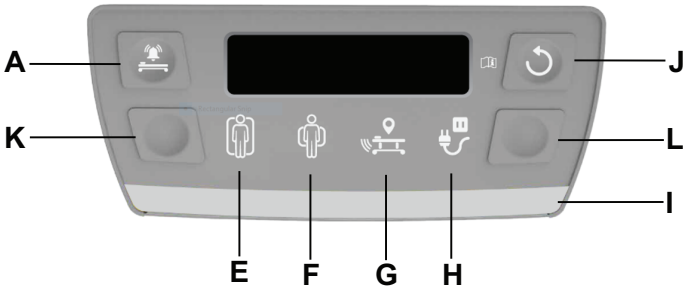


Figure 25 – Prime Connect keypad, with bed exit, without scale

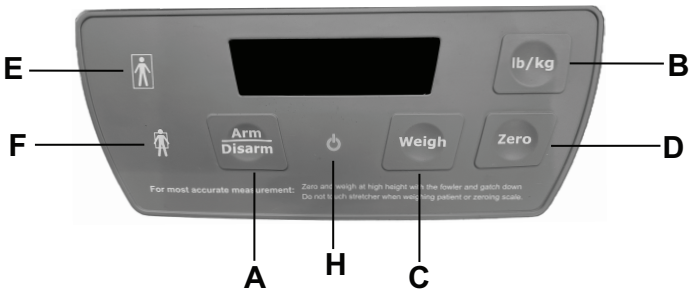


Figure 26 – Prime keypad, with bed exit and scale

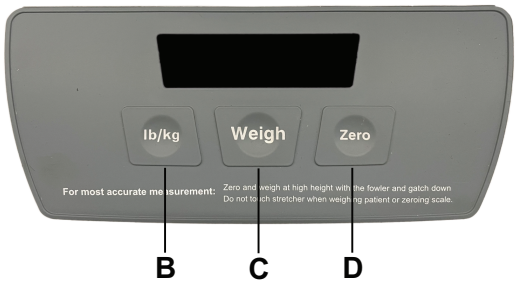


Figure 27 – Prime and Prime X keypad, without bed exit, with scale

Button/icon	Name	Description
A	Arm/Disarm	Arms and disarms bed exit
B	lb/kg	Changes the displayed unit of measure
C	Weigh	Weighs the patient
D	Zero	Zeroes/tares the scale

Button/icon	Name	Description
E	Zone 1	Least sensitive setting for bed exit The larger zone gives the patient greater freedom of movement on the product before the bed exit alarm activates
F	Zone 2	Most sensitive setting for bed exit The smaller zone gives the patient less freedom of movement on the product and activates the bed exit alarm when the patient moves away from the centralized zone
G	Location [1]	Illuminates green when the product is connected to the **iBed** Locator Illuminates amber when the product is not connected to the **iBed** Locator
H	Power/Standby	Illuminates green when the power cord is plugged into a wall outlet and battery backup is charging Illuminates amber when the power cord is unplugged from the wall outlet and the stretcher is in standby mode and using the battery backup
I	Strip light [2]	Illuminates green when bed exit is armed Illuminates red when bed exit alarm is triggered The center illuminates amber when the power cord is unplugged from the wall outlet and the stretcher is in standby mode and using the battery backup
J	Patient reset	Tares the stretcher so you can set bed exit
K	Bottom left button	Unlabeled button used for the bed exit alarm volume and pattern menus
L	Bottom right button	Unlabeled button used for the bed exit alarm volume and pattern menus

[1] The **Location** icon only illuminates for **Prime Connect** models if the wireless option is enabled and the power cord is plugged into a wall outlet.

[2] In standby mode, the center amber light dims to a low light then increase to bright light. This cycle repeats.

Weighing a patient, Prime and Prime X

CAUTION

- Do not use the scale system reading as a reference for medical treatment.
- Do not use the scale for patients under 50 lb (22.7 kg).

Note

- To meet the scale system accuracy claim, the patient surface must be in the horizontal position (Fowler backrest and Gatch down) and the product cannot exceed 5 degrees of Trendelenburg or reverse Trendelenburg.
- ⟪⊓⊓⟫ displays on the screen if there is a loose connection or if the scale is not operating. If you attempt to operate the scale again and the error appears, contact Stryker Technical Support.
- For products with foot end push handles, make sure that you raise the foot end push handles before you operate the scale system.

For product feature availability for your model, see *Product features* (page 19).

To weigh a patient:

1. Press and hold **Zero** until **rEL** displays on the screen to zero the scale. Do not place the patient on the product until **000.0** stops flashing.

   Note - Do not touch the product while you zero the scale system.

2. Place the patient on the product.
3. Press **Weigh** to obtain the patient's weight.

   Note - Make sure that the patient remains still and you do not touch the product while you weigh the patient. If the patient moves, the scale system will try for 20 seconds to get a stable weight then ⟪⊤⊤⟫ displays on the screen.

4. Press **lb/kg** to toggle and select the scale system unit of measure (lb or kg).

Weighing a patient, Prime Connect

CAUTION

- Do not use the scale system reading as a reference for medical treatment.
- Do not use the scale for patients under 50 lb (22.7 kg).

Note

- To meet the scale system accuracy claim, the patient surface must be in the horizontal position (Fowler backrest and Gatch down) and the product cannot exceed 5 degrees of Trendelenburg or reverse Trendelenburg.
- For products with foot end push handles, make sure that you raise the foot end push handles before you operate the scale system.
- **Zeroing failed** or **Zeroing unstable** may display on the screen when you zero the scale. If you are unable to zero the scale, contact Stryker Technical Support.
- **Weighing failed** or **Weighing unstable** may display on the screen if the scale is not operating. If you attempt to operate the scale again and **Set Zero** appears, contact Stryker Technical Support.

For product feature availability for your model, see *Product features* (page 19).

To weigh a patient:

1. Press and hold **Zero** until **Release** displays on the screen. Do not place the patient on the product until **0.0 kg** displays on the screen.

   Note - Do not touch the product while you zero the scale system.

2. Place the patient on the product.
3. Press the **Weigh** button (C) to obtain the patient's weight (*Operator keypad icon/button identification* (page 36)). The patient's weight displays on the screen in kg.

   Note - Make sure that the patient remains still and you do not touch the product while you weigh the patient. If the patient moves, the scale system will try for 20 seconds to get a stable weight then **Weighing unstable** displays on the screen.

4. Press and hold **lb/kg** to view the patient weight in lb.

   Note - The scale system unit of measure is locked in kg. When you release **lb/kg**, the scale system unit of measure returns to kg.

Locking the scale unit of measure, Prime and Prime X

For product feature availability for your model, see *Product features* (page 19).

Note - You cannot lock the scale unit of measure for **Prime Connect**. **Prime Connect** defaults to display weight in kg. When you weigh a patient, you must press and hold **lb/kg** to view the patient weight in lb. See *Weighing a patient, Prime Connect* (page 38).

To lock the scale unit of measure:

1. Press and hold **Weigh**, **lb/kg**, and **Zero** until **diag** displays on the screen.

2. Press **lb/kg** or **Zero** to toggle to **Unit Loc**.
    a. For scale systems with bed exit, press and hold **lb/kg** and **Zero** to select **Unit Loc**.
    b. For scale systems without bed exit, press and hold **lb/kg** and **Zero** until **rEL** displays on the screen to select **Unit Loc**.
3. Press **lb/kg** or **Zero** to toggle to **lb**, **kg**, or **Any**.
4. Press and release **lb/kg** and **Zero**. **Only** and the selected unit of measure displays on the screen.

    Note - **Only** will not display on the screen if you select **Any**.
5. Press and hold **Weigh** until **quit** displays on the screen.
6. Press and hold **Zero** until **rEL** displays on the screen. **000.0** flashes then stops flashing.

    Note - You can use the scale system when **000.0** stops flashing.

Arming or disarming bed exit, Prime

Bed exit monitors the patient's position on the product using zone controls. If the patient moves outside the limits of the selected zone, bed exit triggers an audible alarm and an amber light illuminates from the bottom of the product litter.

For product feature availability for your model, see *Product features* (page 19).

To arm bed exit:

1. Press and hold **Zero** until **rEL** displays on the screen to zero the scale system. Do not place the patient on the product until **000.0** stops flashing.
2. Place the patient on the product.
3. Press **Arm/Disarm** to arm zone 1. Press **Arm/Disarm** again within 3 seconds to select and arm zone 2.

    Note
    - The **Zone 1** icon (E) or **Zone 2** icon (F) illuminates to show which zone you selected (*Operator keypad icon/button identification* (page 36)).
    - You do not need to zero the scale system to change the zone or arm the bed exit again for the same patient.

To disarm bed exit, press and hold **Arm/Disarm** until **rEL** displays on the screen.

Arming or disarming bed exit, Prime Connect

Bed exit monitors the patient's position on the product using zone controls. If the patient moves outside the limits of the selected zone, bed exit triggers an audible alarm, the strip light flashes red, and an amber light flashes from the bottom of the product litter.

Note
- **Zeroing failed** or **Zeroing unstable** may display on the screen when you zero the scale. **Patient reset failed** or **Litter unstable** may appear on the screen when you reset the patient information. If you are unable to zero the scale or reset the patient information, contact Stryker Technical Support.
- **Bed exit failed**, **Set Zero**, or **Patient reset required** may display on the screen when you arm bed exit. If you are unable to arm bed exit, contact Stryker Technical Support.

For product feature availability for your model, see *Product features* (page 19).

To arm bed exit:

1. Zero the scale system for **Prime Connect** with scale or reset the patient information for **Prime Connect** without scale.
    a. For **Prime Connect** with scale, press and hold **Zero** until **Release** displays on the screen. Do not place the patient on the product until **0.0 kg** displays on the screen.
    b. For **Prime Connect** without scale, press and hold the **Patient reset** button (J) until **Release** displays on the screen (*Operator keypad icon/button identification* (page 36)).
2. Place the patient on the product.

3. Press the **Arm/Disarm** button (A) to arm zone 1 (*Operator keypad icon/button identification* (page 36)). Press the **Arm/Disarm** button again within 3 seconds to select and arm zone 2.

   Note
   - The strip light illuminates green when you arm bed exit. The **Zone 1** icon (E) or **Zone 2** icon (F) illuminates to show which zone you selected.
   - You do not need to zero the scale system or reset the patient information to change the zone or arm the bed exit again for the same patient.

To disarm bed exit, press and hold the **Arm/Disarm** button until **Release** displays on the screen.

Changing the bed exit alarm pattern, Prime

For product feature availability for your model, see *Product features* (page 19).

To change the bed exit alarm pattern:

1. Press and hold **Arm/Disarm** and **Weigh** for at least six seconds. Ignore all screen messages until **Ptrn** displays on the screen.
2. Release **Arm/Disarm** and **Weigh**.

   Note - The pattern options **P (1-10)** display on the screen.
3. Press **Arm/Disarm** or **Weigh** to scroll through the pattern options.

   Note - A brief sample of the pattern plays as you scroll through the pattern options.
4. Press and hold **Arm/Disarm** and **Weigh** for at least six seconds until **SEt** displays on the screen to save your selected pattern.
5. Release **Arm/Disarm** and **Weigh**.

   Note - The pattern option you selected displays on the screen. A brief sample of the bed exit alarm confirms your pattern setting.

Changing the bed exit alarm pattern, Prime Connect

For product feature availability for your model, see *Product features* (page 19).

To change the bed exit alarm pattern:

1. Enter the alarm pattern screen.
   a. For **Prime Connect** with scale, press and hold the **Arm/Disarm** and **Weigh** buttons (A and C) for at least six seconds (*Operator keypad icon/button identification* (page 36)).
   b. For **Prime Connect** without scale, press and hold the **Arm/Disarm** and **Patient reset** buttons (A and J) for at least six seconds.
2. Release the buttons when the loading bar displays on the screen.

   Note - The pattern options **(1-10)** display on the screen.
3. Scroll through the pattern options.
   a. For **Prime Connect** with scale, press the **Arm/Disarm** or **Weigh** button to scroll through the pattern options.
   b. For **Prime Connect** without scale, press the **Arm/Disarm** or **Patient reset** button to scroll through the pattern options.

   Note - A brief sample of the pattern plays as you scroll through the pattern options.
4. Select the pattern option.
   a. For **Prime Connect** with scale, press **lb/kg** to select the pattern option.
   b. For **Prime Connect** without scale, press the **bottom left** button (K) to select the pattern option.

Note - **Set** displays on the screen. A brief sample of the bed exit alarm confirms your pattern setting.

Changing the bed exit alarm volume, Prime

For product feature availability for your model, see *Product features* (page 19).

To change the bed exit alarm volume:

1. Press and hold **Zero** and **lb/kg** until **vol** displays on the screen.
2. Release **Zero** and **lb/kg**.

   Note - The volume levels **L (1-4)** display on the screen.
3. Press **Zero** or **lb/kg** to scroll through the volume levels.

   Note - A brief sample of the volume plays as you scroll through the volume options.
4. Press and hold **Zero** and **lb/kg** for six seconds until **SEt** displays on the screen to save your selected volume setting.
5. Release **Zero** and **lb/kg**.

   Note - The volume option you selected displays on the screen. A brief sample of the bed exit alarm confirms your volume setting.

Changing the bed exit alarm volume, Prime Connect

For product feature availability for your model, see *Product features* (page 19).

To change the bed exit alarm volume:

1. Enter the alarm volume screen.
   a. For **Prime Connect** with scale, press and hold **lb/kg** and **Zero** for at least six seconds.
   b. For **Prime Connect** without scale, press and hold the **bottom left** and **bottom right** buttons (K and L) for at least six seconds (*Operator keypad icon/button identification* (page 36)).
2. Release the buttons when the loading bar displays on the screen.

   Note - The volume options **(1-4)** display on the screen.
3. Scroll through the volume options.
   a. For **Prime Connect** with scale, press the **Arm/Disarm** or **Weigh** button (A or C) to scroll through the volume options.
   b. For **Prime Connect** without scale, press the **Arm/Disarm** or **Patient reset** button (A or J) to scroll through the volume options.

   Note - A brief sample of the volume plays as you scroll through the volume options.
4. Select the volume option.
   a. For **Prime Connect** with scale, press **lb/kg** to select the volume option.
   b. For **Prime Connect** without scale, press the **bottom left** button (K) to select the volume option.

   Note - **Set** displays on the screen. A brief sample of the bed exit alarm confirms your volume setting.

Charging the battery pack

For product feature availability for your model, see *Product features* (page 19).

Prime Connect models require one 10.8V Li-ION battery pack (0058-134-000).

Prime electric models with a scale system require one 10.8V Li-ION battery pack, without bed exit (0058-135-000) or with bed exit (0058-134-000).

Charge the battery pack when the battery charge indicator displays one unit remains. This prevents the scale system from shutting down due to drained batteries.

To charge the scale system Li-ION battery pack, always plug the power cord into a grounded, hospital grade wall outlet. The battery pack fully charges in approximately three hours.

Note - Always charge the battery pack when not in use. This helps the battery to maintain a sufficient charge and maximizes product performance while on battery power.

Replacing the batteries for the scale system, non-electric litter

For product feature availability for your model, see *Product features* (page 19).

Replace the batteries when the battery charge indicator on the screen shows one unit remains. This prevents the scale system from shutting down due to drained batteries.

When **Lo batt** flashes on the screen, the batteries are at the lowest charge and the scale system is disabled.

Tools required:

- Phillips screwdriver
- Four AA batteries (Alkaline type (LR6))

To replace the batteries:

1. Using a Phillips screwdriver, remove the screws that hold the battery compartment cover to the display assembly. Save the screws.
2. Remove and discard all four AA batteries.

   Note - Always dispose of old batteries in accordance with local regulations.
3. Insert four new AA batteries as indicated in the battery holder.

   Note - Never mix old batteries with new batteries.
4. Using a Phillips screwdriver, replace the screws removed in step 1 to reinstall the battery compartment cover on the display assembly.

Accessories and parts

These accessories may be available for use with your product. Confirm availability for your configuration or region. Call Stryker Customer Service: 1-800-327-0770.

Name	Part number
Cable, 1/4” nurse call	100800380879
Cable, 1/4” nurse call splitter	100800380877
Defibrillator tray	1105-045-200
Defibrillator tray/foot extender	1105-045-400
Footboard/chart holder	1105-045-500
Heel pad assembly	1105-045-022
IV caddy	0785-155-000
Havasu IV pole, removable	0390-025-010
IV pole, head end, left	1125-060-145
IV pole, head end, right	1125-060-140

Name	Part number
IV pole, three-stage, foot end, left, 26”	1105-035-644
IV pole, three-stage, foot end, right, 26”	1105-035-639
IV pole, three-stage, foot end, left, 30”	1105-035-344
IV pole, three-stage, foot end, right, 30”	1105-035-339
IV pole, three-stage, foot end, left, 30” (**Prime X**)	1105-035-364
IV pole, three-stage, foot end, right, 30” (**Prime X**)	1105-035-361
IV pole, three-stage, head end, left, 26”	1125-035-642
IV pole, three-stage, head end, right, 26”	1125-035-637
IV pole, two-stage, foot end, left, 26”	1105-035-640
IV pole, two-stage, foot end, right, 26”	1105-035-643
IV pole, two-stage, foot end, left, 30”	1105-035-340
IV pole, two-stage, foot end, right, 30”	1105-035-343
IV pole, two-stage, foot end, left, 30” (**Prime X**)	1105-035-362
IV pole, two-stage, foot end, right, 30” (**Prime X**)	1105-035-363
IV pole, two-stage, head end, left, 30”	1125-035-338
IV pole, two-stage, head end, right, 30”	1125-035-341
Mattress, **ComfortGel** SE, fire barrier, 26”	1805-034-601
Mattress, **ComfortGel** SE, fire barrier, 30”	1805-034-301
Mattress, **ComfortGel** SE, without fire barrier, 26”	1805-034-600
Mattress, **ComfortGel** SE, without fire barrier, 30”	1805-034-300
Mattress, Enhanced Comfort, 3” x 26”	0785-034-613
Mattress, Enhanced Comfort, 3” x 30”	0785-034-313
Mattress, Enhanced Comfort, 4” x 26”	0785-034-623
Mattress, Enhanced Comfort, 4” x 30”	0785-034-323
Mattress, **IsoFlex** SE, fire barrier, 30”	1806-034-300
Mattress, **IsoFlex** SE, without fire barrier, international, 30”	1806-034-301
Mattress, Ultra Comfort, 4” x 26”	0785-034-603
Mattress, Ultra Comfort, 4” x 30”	0785-034-303
Mattress, Ultra Comfort, 5” x 26”	0785-034-633
Mattress, Ultra Comfort, 5” x 30”	0785-034-333
Mattress, Ultra Comfort SE, 4” x 26”	1704-034-600
Mattress, Ultra Comfort SE, fire barrier, international, 4” x 26”	1704-034-601
Mattress, Ultra Comfort SE, 3” x 30”	1703-034-300

Name	Part number
Mattress, Ultra Comfort SE, fire barrier, 3” x 30”	1703-034-301
Mattress, Ultra Comfort SE, 4” x 30”	1704-034-300
Mattress, Ultra Comfort SE, fire barrier, 4” x 30”	1704-034-301
Oxygen bottle holder, upright	1115-130-000
Pump bar option, 26”	1105-045-065
Pump bar option, 30”	1105-045-035
Restraint strap package	0785-045-010
Restraint strap, ankle	0785-045-020
Restraint strap, body	0785-045-015
Restraint strap, wrist	0946-044-000
Restraint strap, chest	1010-058-000
Serving tray	1105-045-700
Serving tray holder/footboard	1105-045-800
Siderail pads	1001-052-000
X-ray cassette holder, lateral	1105-045-100
X-ray cassette holder, upright	1105-045-300

Electrical components

Name	Number
Actuator, Fowler	1008-012-020
Actuator, Gatch	1008-014-020
Battery, Li-ION Smart battery pack (**Prime** electric with scale system only)	0058-135-000
Battery, Li-ION Smart battery pack (**Prime Connect** or **Prime** electric with scale system and bed exit)	0058-134-000
Board, DC control PCB assembly	1008-116-800
Board, non-lift AC assembly	1008-002-800
Board, lift control PCB assembly	1008-002-810
Board, scale control assembly (scale system only)	1008-237-850
Board, scale and bed exit control assembly	1008-237-840
Capacitor, 440 VAC, 35 MFD	0059-087-000
Keypad, scale control (non-electric litter)	1008-037-820
Keypad, siderail control, left	1008-011-017
Keypad, siderail control, right	1008-011-016
Keypad, operator control	1008-015-800

Name	Number
Load cell (scale system option)	1008-037-057
Motor, pump	1008-002-015
Power cord, standard	1028-146-060
Power cord, international, Type E	1125-060-170
Power cord, international, Type F	1125-060-180
Power cord, international, Type G	1125-060-160
Power cord, international, Type I	1125-060-200
Scale box assembly (non-electric litter)	1070-237-020
Transformer	1008-014-857
Transformer, international	1008-014-877
Kit, IR/nurse call normally open assembly, **Zoom**	112507000212
Kit, IR/nurse call normally closed assembly, **Zoom**	112507000213
Kit, keypad assembly, scale	110507000214
Kit, keypad assembly, non-scale	110507000215
Kit, wireless module, US/CAN	110507000219
Kit, wireless module, UAE/SA	110507000220
Kit, wireless module, AUS/NZ	110507000221

Attaching the defibrillator tray

WARNING

- Do not place items that weigh more than 30 lb (14 kg) on the defibrillator tray. Always strap down all devices that you place on the defibrillator tray.
- Always use caution if the defibrillator tray/foot extender, footboard/chart holder, or upright oxygen bottle holder is attached to avoid pinching your fingers when you position the foot end push handle option.

To attach the defibrillator tray:

1. Insert the defibrillator tray pins into the sockets at the foot end of the product.
2. Use the strap to secure devices to the defibrillator tray.

Note

- Do not use the defibrillator tray as a push/pull device. Product damage may occur.
- Always raise the foot end push handles when you use accessories (such as the defibrillator tray/foot extender, footboard/chart holder, upright oxygen bottle holder) or the accessories will not function.

Converting the defibrillator tray/foot extender to a defibrillator tray

WARNING

- Do not place items that weigh more than 30 lb (14 kg) on the defibrillator tray/foot extender. Always strap down all devices that you place on the defibrillator tray.

- Always use caution if the defibrillator tray/foot extender, footboard/chart holder, or upright oxygen bottle holder is attached to avoid pinching your fingers when you position the foot end push handle option.

CAUTION - Always raise the IV pole before you attach the defibrillator tray/foot extender to the product. If you do not raise the IV pole, the foot extender will not operate.

To convert the defibrillator tray/foot extender to a defibrillator tray:

1. Pull out the top knob (A) (Figure 28).
2. Pivot the defibrillator tray (B) until the tray is flat over the foot end of the product. Release the top knob (A). Make sure that the defibrillator tray is locked in place.
3. Use the strap to secure devices to the defibrillator tray.

Note

- Do not use the defibrillator tray/foot extender as a push/pull device. Product damage may occur.
- Do not attach items to the foot extender.

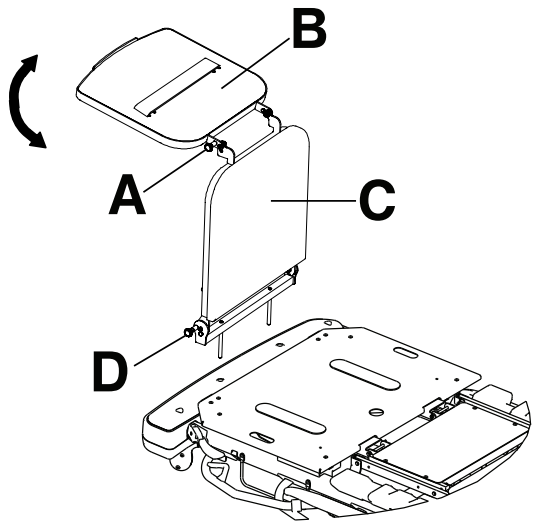


Figure 28 – Defibrillator tray/foot extender

Converting the defibrillator tray/foot extender to a foot extender

WARNING

- Do not place items that weigh more than 30 lb (14 kg) on the defibrillator tray/foot extender. Always strap down all devices that you place on the defibrillator tray.
- Always use caution if the defibrillator tray/foot extender, footboard/chart holder, or upright oxygen bottle holder is attached to avoid pinching your fingers when you position the foot end push handle option.

CAUTION - Always raise the IV pole before you attach the defibrillator tray/foot extender to the product. If you do not raise the IV pole, the foot extender will not operate.

To convert the defibrillator tray/foot extender to a foot extender (Figure 28):

1. Pull out the top knob (A).
2. Pivot the defibrillator tray (B) until the tray locks against the foot extender.
3. Pull out the bottom knob (D) while you hold the defibrillator tray/foot extender assembly.
4. Lower the foot extender (C) until the foot extender is flat.
5. Release the bottom knob (D). Push on the foot extender to make sure that the foot extender is locked in place.

Note

- Do not use the defibrillator tray/foot extender as a push/pull device. Product damage may occur.
- Do not attach items to the foot extender.

Attaching the footboard/chart holder

WARNING - Always use caution if the defibrillator tray/foot extender, footboard/chart holder, or upright oxygen bottle holder is attached to avoid pinching your fingers when you position the foot end push handle option.

To attach the footboard/chart holder, insert the footboard/chart holder pins into the sockets at the foot end of the product.

Note - Do not use the footboard/chart holder as a push/pull device. Product damage may occur.

Attaching the IV caddy

WARNING

- Always secure the IV pole to the IV caddy when you transport the product.
- Always store the IV caddy when not in use to avoid product damage.

To attach the IV caddy (Figure 29):

1. Lift the IV caddy out of the storage tray or from the storage clip.
2. Pivot the IV caddy to the desired position.
3. Turn the knob (A) counterclockwise to loosen the pole clamp (C).
4. Pivot the knob (A) away from the arm connection assembly (B).
5. Open the clamp (C).
6. Place the IV pole into the clamp (C).
7. Close the clamp (C) around the IV pole and pivot the knob (A) into position.
8. Turn the knob (A) clockwise to tighten the knob.
9. Reverse steps to disconnect the IV caddy from the product.

   To store the IV caddy, place the IV caddy in the storage tray or secure the caddy in the storage clip.

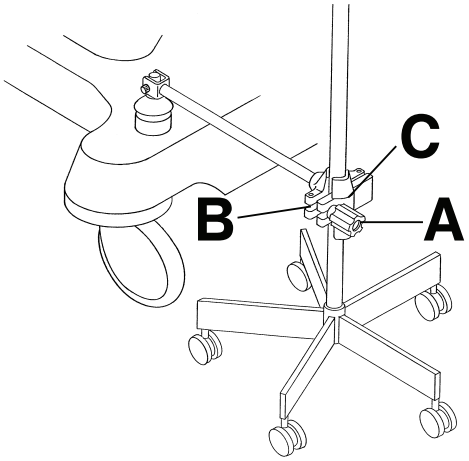


Figure 29 – IV caddy

Positioning or stowing the foot supports, Prime

WARNING

- Do not sit on the foot supports. This may cause the product to tip.
- Always clear your fingers from the mechanisms when you operate the foot supports.
- Always stow the foot supports when you transport a patient with the product.
- Always tighten the foot supports before you use the foot supports.
- Do not operate the scale system with the foot supports. Inaccurate readings may occur.
- Do not operate bed exit with the foot supports. Inaccurate readings may occur.

To position or stow the foot supports:

1. Loosen the knee knob (A) at the top of the foot supports to adjust the side-to-side angle of the foot supports (Figure 30).
2. Tighten the knee knob (A) to lock the foot supports in the desired position.

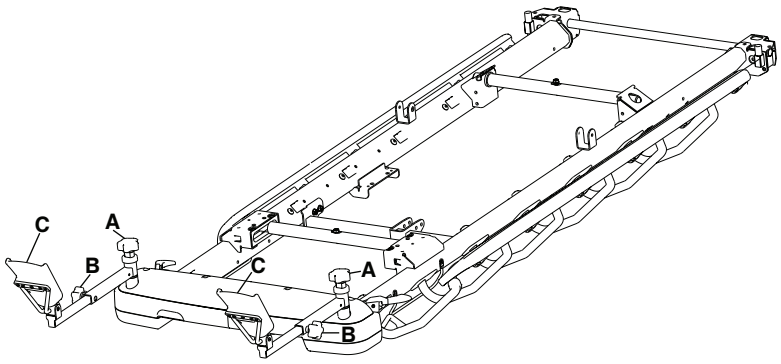


Figure 30 – Positioning the foot supports

3. Loosen the leg knob (B) on the side of the foot supports to adjust the length.
4. Tighten the leg knob (B) to lock the foot supports in the desired position.
5. Flip the foot supports (C) up before you position the patient.
6. Reverse steps to stow the foot supports (Figure 31).

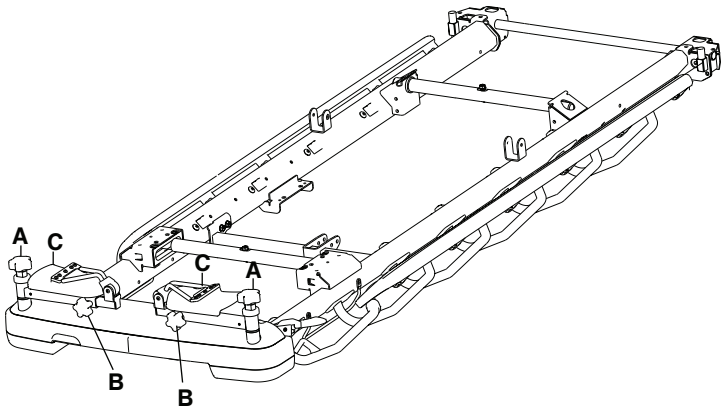


Figure 31 – Stowing the foot supports

You cannot purchase the following options and accessories if you select the foot support:

- Foot end push handles
- Defibrillator tray
- Defibrillator tray/foot extender
- Serving tray holder/footboard
- Footboard/chart holder
- Foot end IV poles

Note

- Do not use the foot supports to store patient belongings.
- Do not use the foot supports as a push/pull device. Product damage may occur.
- Always apply the brakes when you use the foot supports to avoid instability.
- Do not use the Fowler backrest or Gatch with the foot supports.

Positioning the two-stage permanently attached IV pole

WARNING - Do not use the IV pole as a push/pull device. Product damage may occur.

You can purchase the product with the two-stage IV pole option permanently attached at the head end, foot end, or both ends of the product. The IV pole is equipped with a telescopic pole that extends to provide a second height position. You can fold and store the IV pole when not in use.

To position the two-stage IV pole (Figure 32):

1. Lift and pivot the pole from the storage position.
2. Push the IV pole down until the IV pole locks in place.
3. To raise the height of the IV pole, pull up on the telescoping portion (A) until the pole locks in place at the fully raised position.
4. Rotate the IV hangers (B) to the desired position and hang the IV bags.
5. To lower the IV pole, hold the telescoping portion of the IV pole, turn the latch (C), and lower the telescoping portion.

Note

- Do not hang IV bags that exceed 40 lb (18 kg) on the IV pole.
- Always make sure that the IV pole is at a low height to pass safely through door openings when you transport a patient.

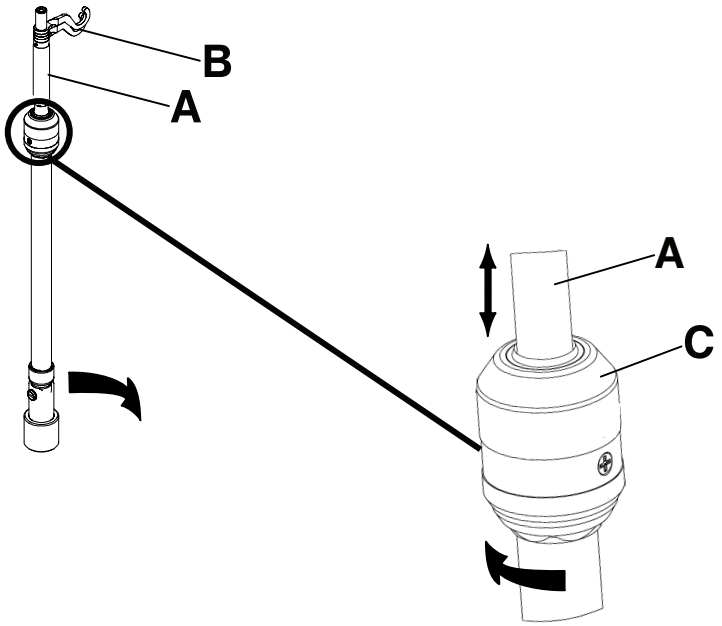


Figure 32 – Positioning the 2 stage permanently attached IV pole

Positioning the three-stage permanently attached IV pole

WARNING - Do not use the IV pole as a push/pull device. Product damage may occur.

You can purchase the product with the three-stage IV pole option permanently attached at the head end, foot end, or both ends of the product. The IV pole is equipped with a telescopic pole that extends to provide a second and third height position. You can also fold and store the IV pole when not in use.

To position the three-stage IV pole (Figure 33):

1. Lift and pivot the pole from the storage position.
2. Push the IV pole down until the pole locks in place.
3. To raise the height of the IV pole, pull up on the telescoping portion (A) until the pole locks into place at the fully raised position.
4. For a higher IV pole, pull up on section (B). Release section (B) at any desired height to lock the pole in place.
5. Rotate the IV hangers (C) to the desired position and hang the IV bags.
6. To lower the IV pole, push up on the yellow portion of the grip (D) while holding on to section (B) until the pole lowers.
7. Turn the latch (E) and lower the IV pole telescoping portion.

Note

- Do not hang IV bags that exceed 12 lb (5 kg) total for all bags on the IV pole.
- Do not hang IV bags that exceed 9.3 lb (4.2 kg) on a single IV hanger.
- Always make sure that the IV pole is at a low height to allow the pole to pass safely through door openings when you transport a patient.

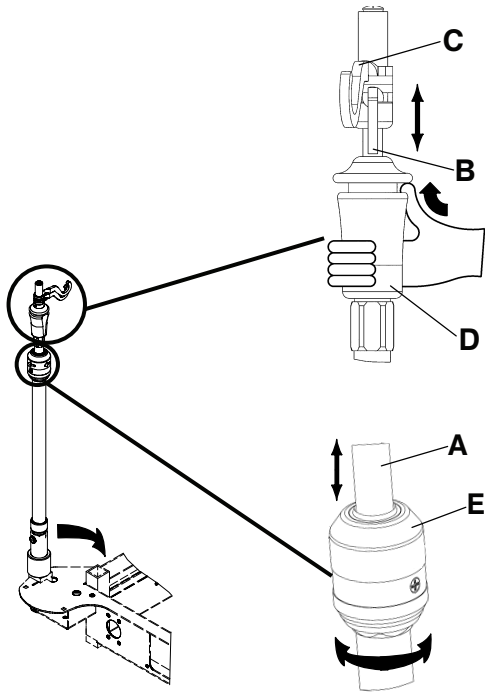


Figure 33 – Positioning the three-stage permanently attached IV pole

Attaching and positioning the removable IV pole

CAUTION

- Do not use the IV pole as a push/pull device. Product damage may occur.
- Do not hang IV bags that exceed 40 lb (18 kg) on the IV pole.
- Always make sure that the IV pole is at a low height to pass through door openings when you transport a patient.

To attach and position the removable IV pole (Figure 34):

1. Insert the IV pole into a socket at the head end or foot end of the product.
2. Turn the knob (A) counterclockwise and pull up on the telescoping portion (B) until you reach the desired height.
3. Turn the knob (A) clockwise to lock the telescoping portion in place.

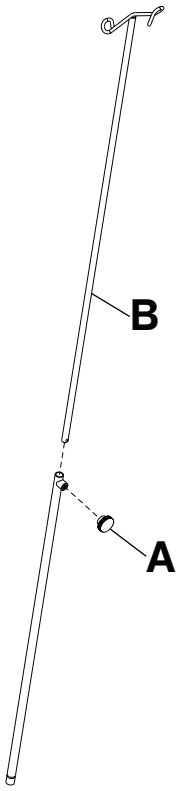


Figure 34 – Removable IV pole

Attaching the upright oxygen bottle holder

WARNING

- Do not place objects that exceed 40 lb (18 kg) in the upright oxygen bottle holder.
- Always use caution if the defibrillator tray/foot extender, footboard/chart holder, or upright oxygen bottle holder is attached to avoid pinching your fingers when you position the foot end push handle option.

The upright oxygen bottle holder supports an oxygen bottle in a vertical position.

To attach the upright oxygen bottle holder:

1. Insert the support bar into any of the IV sockets.
2. Insert the cotter pin through the hole in the support bar to secure the bottle holder to the product.

Note - Do not use the upright oxygen bottle holder as a push/pull device. Product damage may occur.

Extending or stowing the serving tray holder/footboard

WARNING - Do not place objects that exceed 30 lb (14 kg) on the serving tray.

To fit the serving tray on the siderail, pull out on both sides of the serving tray and position the tray over the siderails.

To stow the serving tray:

1. Remove the serving tray from the siderails.
2. Push in the sides of the serving tray.
3. Store the serving tray in the footboard.

Note - Do not use the serving tray/footboard as a push/pull device. Product damage may occur.

Attaching the siderail pads

To attach the siderail pads:

1. Tuck the siderail pad between the mattress and the siderail.
2. Attach the hook and loop fastener straps around the top of the siderail to secure the siderail pad.

Locating the patient restraint strap tie-ins

WARNING

- Always use caution when you attach restraint straps. Patient or operator injury may occur. Physical restraints, even if secured, may result in serious harm to patients and operators, including entanglement, entrapment, physical injury, or death.
- Always attach restraint straps or devices only at the identified attachment points of the product. Failure to do so may result in patient or operator injury. Do not attach restraint straps to the siderail.
- Always refer to the applicable state and federal restrictions and regulations and the appropriate facility protocols before you use any restraint strap or device.

There are eight patient restraint strap tie-in locations on the litter assembly for attaching patient restraint straps (Figure 35 or Figure 36).

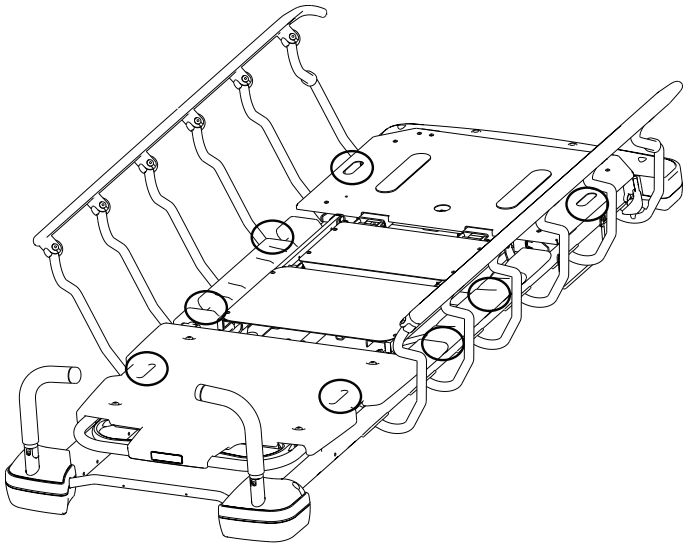


Figure 35 – Prime restraint strap locations

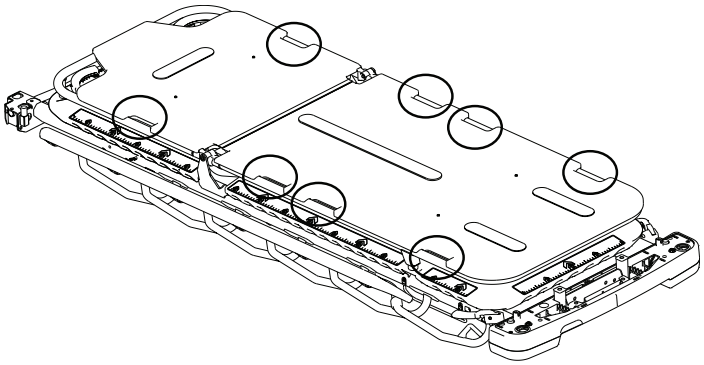


Figure 36 – Prime X option restraint strap locations

Note - Restraint straps are Type B applied parts.

Positioning the upright X-ray cassette holder, Prime X

WARNING

- Always take protective measures when you use the upright or lateral X-ray cassette holder. The X-ray cassette holder does not protect against radiation.
- Always refer to local, state, and federal guidelines in addition to facility protocols for safety before you use **Prime X** with radiation generating devices. Radiation generating devices may produce residual, stray, or scattered radiation.
- Always use extra caution when you use a mattress thicker than 2.5 in. or a mattress overlay with **Prime X**.
- Always follow the *Positioning the upright X-ray cassette holder - Prime X option* instructions to insert the X-ray cassette.

The X-ray cassette holder attaches to the Fowler backrest weldment to support X-ray cassettes. You can take X-rays while a patient is on the product. You can also adjust the cassette's position before you take an X-ray.

To position the X-ray cassette holder:

1. Apply the brakes. Push on the product to make sure that the brakes work.
2. Raise the Fowler backrest to the highest height position.
3. Insert the lower retainer guides (A) under the Fowler backrest weldment bar (Figure 37).
4. Raise the cassette holder until the retainer guides latch onto the Fowler backrest weldment. Make sure that the cassette holder is secure.

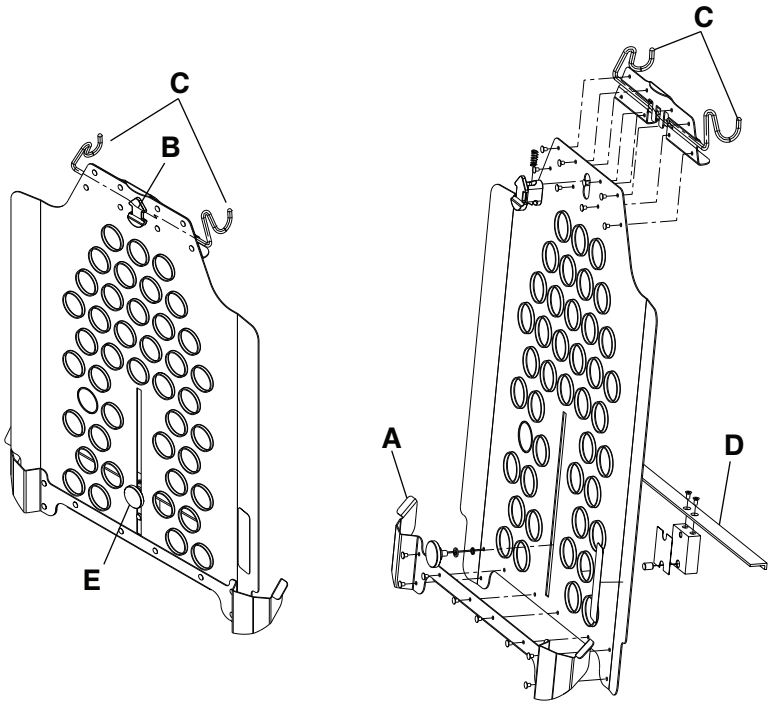


Figure 37 – X-ray cassette holder

5. Insert an X-ray cassette from either side of the cassette holder or pull the slider release arrow (B) to release the cassette holder from the Fowler backrest, position the cassette, and secure the cassette holder in the Fowler backrest weldment.
6. To adjust the height of the cassette, loosen the knob (E) and move the cassette support rail (D) up or down until you reach the desired height.
7. Tighten the knob (E) to secure the cassette support rail in place.
8. When the X-ray process is complete, pull up on the slider release arrow (B) to release the cassette holder from the Fowler backrest weldment.
9. Remove the X-ray cassette from the cassette holder.
10. Close and stow the cassette holder.

Positioning the lateral X-ray cassette holder, Prime X

WARNING

- Always take protective measures when you use the upright or lateral X-ray cassette holder. The X-ray cassette holder does not protect against radiation.
- Always refer to local, state, and federal guidelines in addition to facility protocols for safety before you use **Prime X** with radiation generating devices. Radiation generating devices may produce residual, stray, or scattered radiation.
- Always use caution when you take X-rays with the Fowler backrest in the upright position or when you use a lateral cassette.
- Always use extra caution when you use a mattress thicker than 2.5 in. or a mattress overlay with **Prime X**.
- Always follow the *Positioning the lateral X-ray cassette holder - Prime X option* instructions to insert the X-ray cassette.

To position the lateral X-ray cassette holder:

1. Apply the brakes. Push on the product to make sure that the brakes work.

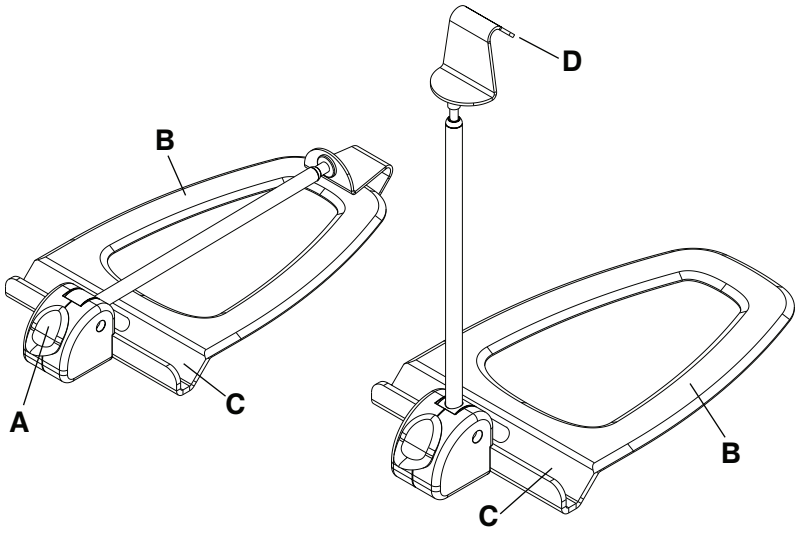


Figure 38 – Lateral X-ray cassette holder

2. Press down on the yellow release button (A) to open the lateral cassette holder (Figure 38).
3. Slide the flat base (B) between the mattress and the patient platform.
4. Position the lateral cassette holder in the desired location.
5. Place the X-ray cassette in the cassette canal (C).
6. Pull up on the cassette hook (D) to adjust the height of the arm to fit over the X-ray cassette to hold the cassette in place.
7. Reverse steps to remove the cassette and stow the lateral cassette holder.

Inserting or removing X-ray cassettes, Prime X

WARNING

- Always refer to local, state, and federal guidelines in addition to facility protocols for safety before you use **Prime X** with radiation generating devices. Radiation generating devices may produce residual, stray, or scattered radiation.
- Always use caution when you take X-rays with the Fowler backrest in the upright position or when you use a lateral cassette.

Prime X provides both an articulating radiographic support surface and a platform below the patient support surface for X-ray cassette placement. Working with medical X-ray systems, the radiographic support surface allows the capture of clinical X-rays (AP full body, full body lateral option, and upright chest option) while the patient is on the product. You can insert cassettes from the head end, foot end, and either side of the product.

To insert an X-ray cassette:

1. Center the patient on the product with the position indicator labels located on all sides of the product (Figure 39).
2. Insert an X-ray cassette below the patient surface. Use the cassette guides to assist in positioning the X-ray cassette.

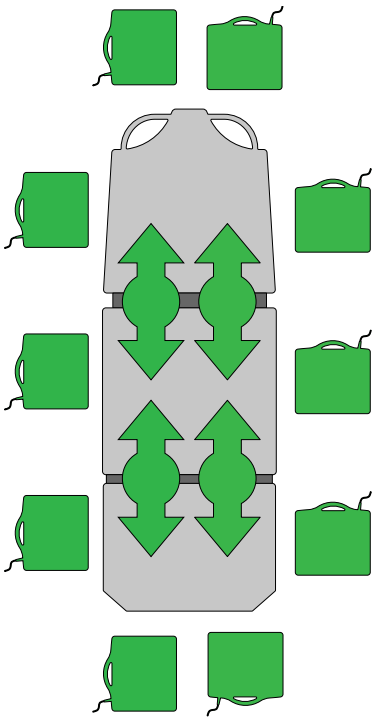


Figure 39 – Inserting or removing X-ray cassettes on Prime X

Note

- Do not use a mattress with a thickness greater than four inches with **Prime X**.
- Do not use a C-Arm with **Prime X**. **Prime X** is not compatible with a C-Arm.

Cleaning and disinfecting with SideKick

For United States only. Confirm availability for your configuration or region. Call Stryker Customer Service: 1-800-327-0770.

Stryker’s preferred spray (2070-000-001) and 6" x 10" wipes (2060-000-001) include the following active ingredients:

- n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride - 0.154%
- n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride - 0.154%
- Isopropanol - 21.000%

Non-active ingredient: Ethylene Glycol Monobutyl Ether – < 3%

Note - For safety information, read the product label.

To clean or disinfect the external product surface with SideKick wipe:

To clean:

1. Wipe down the external product surface with a fresh, clean wipe to remove all visible soils.
2. Repeat as necessary until the external product surface is visibly clean.
3. Wipe dry with a cloth or allow the external product surface to air dry before you return the product to service.

Note - Use as many wipes as necessary.

To disinfect:

1. Clean first.
2. Wipe down the external product surface with a fresh, clean wipe until wet.
3. Allow the external product surface to remain wet for two minutes at room temperature.
4. Wipe dry with a cloth or allow the external product surface to air dry before you return the product to service.

To clean or disinfect the external product surface with SideKick spray:

To clean:

1. Spray **SideKick** on a mop, sponge, paper cloth, or cloth towel.
2. Wipe down the external product surface with a fresh, clean mop, sponge, paper cloth, or cloth towel to remove all visible soils.
3. Repeat as necessary until the external product surface is visibly clean.
4. Wipe dry with a cloth or allow the external product surface to air dry before you return the product to service.

To disinfect:

1. Clean first.
2. Spray **SideKick** on a mop, sponge, paper cloth, or cloth towel.
3. Wipe down the external product surface with a fresh, clean mop, sponge, paper cloth, or cloth towel until wet.
4. Allow the external product surface to remain wet for two minutes at room temperature.
5. Wipe dry with a cloth or allow the external product surface to air dry before you return the product to service.

Note - Follow your hospital protocols to launder cloth towels or dispose of wipes or paper cloths.

Cleaning

Cleaning the product

WARNING

- Always unplug the power cord from the wall outlet and turn the **On/Drive**-**Off/Manual** switch to the **Off/Manual** position before you service or clean.
- Do not steam clean, hose off, or ultrasonically clean the product. Use of these methods of cleaning is not recommended and may void the product's warranty.

CAUTION - Do not use abrasive cleaners to clean the display enclosure for the scale system option. Do not allow cleaning solutions or other fluids to pool on the display unit. Wipe dry all surfaces after spills or cleaning.

These instructions provide recommended cleaning methods for Model 1125 **Prime Series** Stretcher.

Recommended cleaning method:

1. If the product is equipped with the electric lift option or electric litter option, unplug the power cord from the wall outlet before you transport or clean the product.
2. Remove the mattress from the product.
3. Follow the cleaning solution manufacturer's dilution recommendations.
4. Dry the product. Do not place the mattress on the product until the product is dry.

Note

- Direct skin contact with visibly soiled, permeable material may increase the risk of infection.
- Clean the base hood storage area.
- Clean the bottom of the brake pads to prevent wax or floor remnant buildup.
- Some cleaning agents are corrosive in nature and may cause damage to the product. If you do not rinse and dry the product well, a corrosive residue may be left on the surface of the product that could cause premature corrosion of critical components. Failure to follow these cleaning instructions may void your warranty.

Cleaning the mattress

WARNING

- Do not clean, service, or perform maintenance while the product is in use.
- Do not immerse the mattress in cleaning or disinfectant solutions. Excess moisture could cause product malfunction that results in product damage or patient injury.
- Do not allow fluid to pool on the mattress. Fluids can cause corrosion of components and may cause the safety and performance of this product to become unpredictable.
- Always inspect mattress covers for tears, punctures, excessive wear, and misaligned zippers every time you clean the covers. Remove and replace a damaged mattress to prevent cross-contamination.
- Do not steam clean, pressure wash, hose off, or ultrasonically clean mattresses. These methods of cleaning may void the product's warranty.

The life of the mattress can be affected by an increase in frequency of usage, which might include more frequent cleaning and disinfection.

Recommended cleaning method:

1. Use a clean, soft cloth to wipe down the entire mattress with a mild soap and water solution to remove foreign material.
2. Wipe down the mattress with a clean, dry cloth to remove any excess liquid or cleaning agents.
3. Rinse and dry covers after cleaning.

4. Disinfect as needed with a hospital grade disinfectant after cleaning has been completed. See *Disinfecting the mattress* (page 60).

Note

- Do not iron, dry-clean, or tumble dry the mattress, as this will cause malfunction and damage the product.
- The mattress cover must be completely dry before you store, add linens, or place a patient on the mattress to prevent impairment of the product performance.
- Avoid over-exposure to alcohol or hydrogen peroxide. The cover material will swell.
- Do not allow liquid to seep into the zipper area and watershed cover barrier. Fluids allowed to come in contact with the zipper may leak into the mattress which could impair the product performance.
- Some cleaning agents are corrosive in nature and may cause damage to the product. If you do not rinse and dry the product well, a corrosive residue may be left on the surface of the product that could cause premature corrosion of critical components. Failure to follow these cleaning instructions may void your warranty.

Remove iodine

1. Make a solution of 1 to 2 tablespoons of sodium thiosulfate in a pint of warm water. Use the solution to wipe down the stained area.
2. Clean the stain as soon as possible after the stain occurs.
3. If stains are not immediately removed, allow solution to soak or stand on the mattress before you wipe the mattress.
4. Rinse the mattresses which have been exposed to the solution with clear water before you return the mattresses to service.

Note - Failure to follow these directions when you use these types of cleaners may void this product's warranty.

Special instructions

Hook and loop fasteners	Saturate with disinfectant, rinse with water, and allow the solution to evaporate.
Solids or stains	Use neutral soaps and warm water. Do not use harsh cleansers, solvents, or abrasive cleaners.
Hard-to-clean spots	Use standard household cleansers or vinyl cleansers and a soft bristle brush on troublesome spots or stains. Pre-soak dried-on soil.
Laundering	Laundering is not recommended. Laundering may decrease the useful life of the mattress.

Disinfecting

Disinfecting the product

WARNING

- Do not clean, service, or perform maintenance while the product is in use.
- Do not steam clean, hose off, or ultrasonically clean the product. Use of these methods of cleaning is not recommended and may void the product's warranty.

Recommended disinfectants:

- Quaternaries (active ingredient - ammonium chloride) that contain less than 3% glycol ether
- Phenolic disinfectant (active ingredient - o-phenylphenol)
- Chlorinated bleach solution (5.25% bleach diluted 1 part bleach to 100 parts water which equals 520 ppm available chlorine (40 mL of a 5.25% bleach solution per 4000 mL water))
- 70% isopropyl alcohol

Recommended disinfection method:

1. Follow the disinfectant solution manufacturer's dilution recommendations.
2. Hand wash all surfaces of the product with a disinfectant solution.
3. Avoid oversaturation and make sure that the product does not stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.
4. Dry the product. Do not place the mattress on the product until the product is dry.
5. Disinfect the hook and loop fasteners after every use. Saturate the hook and loop fasteners with disinfectant, rinse with water, and allow the disinfectant to evaporate (appropriate disinfectant is determined by the facility).
6. Check functionality before you return the product to service.
    - Raise and lower the product.
    - Lock and unlock the brake/steer pedal in both positions.
    - Latch and unlatch the siderails.
    - Raise and lower the Fowler backrest.
    - Raise and lower the Gatch.
    - Make sure all components have proper lubrication.
    - Make sure all labels are intact.

    Note
    - Direct skin contact with visibly soiled, permeable material may increase the risk of infection.
    - Some cleaning agents are corrosive in nature and may cause damage to the product. If you do not rinse and dry the product well, a corrosive residue may be left on the surface of the product that could cause premature corrosion of critical components. Failure to follow these cleaning instructions may void your warranty.

Disinfecting the mattress

WARNING - Always disinfect the mattress between patients. Failure to do so could result in cross-contamination and infection.

Recommended disinfectants:

- Quaternaries (active ingredient - ammonium chloride) that contain less than 3% glycol ether
- Phenolic disinfectant (active ingredient - o-phenylphenol)

- Chlorinated bleach solution (5.25% bleach diluted 1 part bleach to 100 parts water which equals 520 ppm available chlorine (40 mL of a 5.25% bleach solution per 4000 mL water))
- 70% isopropyl alcohol

Recommended disinfection method:

1. Make sure that the mattress is clean and dry before you apply disinfectants.
2. Wipe down the mattress with a clean, dry cloth to remove any excess liquid or disinfectant.
3. Rinse and dry covers after disinfection.

Note

- The mattress cover must be dry before you store or add linens. Failure to remove excess disinfectant could cause degradation of the cover material.
- Some cleaning agents are corrosive in nature and may cause damage to the product if you use them improperly. If you do not rinse and dry the product well, a corrosive residue may be left on the surface of the product that could cause premature corrosion of critical components. Failure to follow these cleaning instructions may void your warranty.
- Frequent or prolonged exposure to higher concentrations of disinfectant solutions may prematurely age the cover fabric.
- The use of accelerated hydrogen peroxides or quaternaries that contain glycol ethers may damage the cover.

Preventive maintenance

Remove the product from service before you perform the preventive maintenance inspection. Check all items listed during annual preventive maintenance for all Stryker Medical products. You may need to perform preventive maintenance checks more often based on your level of product usage. Service only by qualified personnel.

For product feature availability for your model, see *Product features* (page 19).

Note - Clean and disinfect the exterior of the mattress before inspection, if applicable.

Inspect the following items:

_____ All fasteners are secure

_____ Siderails move and latch

_____ Casters lock with brake pedal applied

_____ Casters are secure and swivel

_____ Casters are free of wax and debris

_____ Brake mechanism works

_____ Steer function works

_____ Check skins for cracks

_____ Fowler raises, lowers, and latches in place

_____ Gatch option raises, lowers, and secures in place

_____ Trendelenburg/reverse Trendelenburg operates from all locations

_____ Ground chain intact

_____ No leaks at hydraulic connections

_____ Hydraulic jacks hold

_____ Lubricate where required

_____ Body restraints option latch and are secure

_____ IV pole option is intact, adjusts, and latches in all positions

_____ Oxygen bottle holder option is intact and opens and closes

_____ No rips or cracks in the mattress cover

_____ Accessories and mounting hardware are in good condition

_____ Battery backup works and powers features

_____ Cables are not worn or pinched

_____ Power cord option and plug are free of damage

_____ All electrical connection options are tight

_____ All grounds options secure to the frame

_____ Ground impedance not more than 200 mΩ (milliohms), option

_____ Current leakage not more than 300 µA (microamps) (per UL 60606-1-1), option

_____ Batteries backup option charges

_____ Display housing option is intact and not damaged

_____ Load cell option is intact and not damaged

_____ For foot support option, knee knob mechanism functions and you can secure in place

_____ For foot support option, leg knob mechanism functions and you can secure in place

_____ For foot support option, extends to the full extended position and stops in the correct position

_____ For foot support option, self-tapping screws (6) are secured and not stripped

_____ Scale option calibrated, recalibrate if necessary

_____ Bed exit functions

_____ Bed exit over wired nurse call functions (**Prime Connect**)

_____ Wireless module is intact and wireless icon displays on screen if the wireless option is enabled (**Prime Connect**)

_____ Location icon illuminates and product connects to the **iBed** Locator if the wireless option is enabled (**Prime Connect**)

_____ All icons and buttons on operator keypad, operator control panel, patient control panel lockout, and siderail patient control panel work

_____ Upright X-ray cassette holder is in good working condition and can be adjusted to fit all X-ray cassettes (**Prime X**)

_____ No damage to the Fowler skin and foot skin (**Prime X**)

_____ No damage to the head and foot trays (**Prime X**)

_____ Bolt and nut through each Fowler pivot is not loose (**Prime X**)

_____ No excessive play in the **Zoom** handles

_____ Press the **Zoom** handle switches and make sure that the product does not move unless the handles are pushed forward or pulled back

_____ Press the **Zoom** handle switches and make sure that the product moves forward and backward

Product serial number:
Completed by:
Date:

Wireless notifications

For products equipped with optional wireless communication technology, these statements apply to the countries as indicated:

Country	Notification
Canada	Contains IC: 4919E-SDMACP This device complies with Innovation, Science and Economic Development Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
United States	Contains FCC ID: Z7A-SDMACP This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Frequency Tolerance: +/-20 ppm

Wireless coexistence notifications

Microwaves are regulated by the federal government through 21CFR1030.10 such that the amount of power that can leak from a microwave oven over its lifetime is very small, such as 5mW/cmsq @ 2" from the plane of the microwave surface. This radiation will roll off rapidly as the distance between the microwave and the measurement point increases. Other radiation in this band can be generated from unintentional radiators and from the control and source circuity in the microwave. The level of this radiation is also controlled via federal regulations from the FCC and is not of a high magnitude. These two sources of noise are both contained inside the microwave oven which is shielded and designed to minimize this radiation. In general, the user of the medical device will not be in close proximity to the microwave oven when using the medical device.

Coexistence between IEEE802.11 (Wi-Fi) 5GHz band devices and LTE-U Cellular Band (B46) devices is well established and well vetted by regulatory bodies. In high congestion environments (such as the intended environment of this device) these overlapping frequencies can degrade perforce of both devices. It is highly recommended to disable customer infrastructure utilizing LTE-U Cellular Band (B46) to avoid any degradation of performance. Doing so will increase 5GHz capacity and reduce performance degradation resulting from frequency congestion.

EMC information

WARNING

- Portable RF communications equipment, including peripherals such as antenna cables and external antennas, should be no closer than 12 inches (30 cm) to any part of the **Prime Series** stretcher, including cables specified by the manufacturer.
- Avoid stacking or placing equipment adjacent with other equipment to prevent improper operation of the product. If such use is necessary, carefully observe stacked or adjacent equipment to make sure that they operate properly.
- The use of accessories, transducers, and cables, other than those specified or provided by the manufacturer, could result in increased electromagnetic emissions or decreased electromagnetic immunity and result in improper operation.

The **Prime Series** stretcher was evaluated using the following cables:

Cable	Length (m)
AC mains input cable	4.1
Nurse call (1/4” jack cable) Model 1105, 1115, and 1125 **Prime Connect** stretchers only	3.8

Guidance and manufacturer’s declaration - electromagnetic emissions		
The **Prime Series** stretcher is intended for use in the electromagnetic environment specified below. The customer or the user of the **Prime Series** stretcher should assure that it is used in such an environment.		
Emissions test	**Compliance**	**Electromagnetic environment**
RF Emissions CISPR 11	Group 1	**Note** - The emissions characteristics of this equipment make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential environment (for which CISPR 11 class B is normally required) this equipment might not offer adequate protection to radio-frequency communication services. The user might need to take mitigation measures, such as relocating or re-orienting the equipment.
RF Emissions CISPR 11	Class A	
Harmonic Emissions IEC 61000-3-2	Class A	
Voltage Fluctuations Flicker Emissions IEC 61000-3-3	Complies	

Guidance and manufacturer’s declaration - electromagnetic immunity			
The **Prime Series** stretcher is suitable for use in a professional healthcare facility environment and not in environments exceeding immunity test conditions that the product was evaluated to, such as near high frequency (HF) surgical equipment and inside of the radio frequency (RF) shielded room of magnetic resonance imaging (MRI) equipment. The customer or the user of the **Prime Series** stretcher should assure that it is used in such an environment and that the electromagnetic environment guidance listed below is followed.			
Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment-guidance**
Electrostatic Discharge (ESD) IEC 61000-4-2	±8 kV contact ±15 kV air	±8 kV contact ±15 kV air	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.

Guidance and manufacturer's declaration - electromagnetic immunity			
Electrostatic fast transient/ burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±2 kV for power supply lines ±1 kV for input/output lines	Main power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±0.5 kV, ±1 kV lines to lines ±0.5 kV, ±1 kV, ±2 kV lines to earth	±0.5 kV, ±1 kV lines to lines ±0.5 kV, ±1 kV, ±2 kV lines to earth	Main power quality should be that of a typical commercial or hospital environment.
Voltage dips, voltage variations and short interruptions on power supply input lines IEC 61000-4-11	0%U_T for 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315° 0%U_T for 1 cycle 70%U_T (30% dip in U_T) for 25/30 cycles 0% U_T for 250/300 cycles	0%U_T for 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315° 0%U_T for 1 cycle 70%U_T (30% dip in U_T) for 25/30 cycles 0% U_T for 250/300 cycles	Main power quality should be that of a typical commercial or hospital environment. If the user of the **Prime Series** stretcher requires continued operation during power main interruptions, it is recommended that the device be powered from an uninterrupted power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
Note - U_T is the a.c. mains voltage before applications of the test level.			

<table>
<tr><td>Conducted RF
IEC 61000- 4-6

Radiated RF
IEC 61000-4-3</td><td>3 Vrms
150 kHz to 80 MHz
3 V/m
80 MHz to 2.7 GHz</td><td>3 Vrms
3 V/m</td><td>Portable and mobile RF communications equipment should follow the guidance in the table titled “Recommended separation distances between portable and mobile RF communication equipment and the Prime Series stretcher.” If the mobile service is not listed in the table, the recommended separation distance should be calculated from the equation appropriate for the frequency of the transmitter.

Recommended separation distance
D=(2) (√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].

Interference may occur in the vicinity of equipment marked with the following symbol:  </td></tr>
<tr><td rowspan="2">Proximity Magnetic Fields

IEC 61000-4-39</td><td>65 A/m

134.2 kHz</td><td>65 A/m</td><td rowspan="2">RFID readers and similar generators of magnetic fields should not be operated closer than 50 mm from the electronics or cables of the Prime Series stretcher.</td></tr>
<tr><td>7.5 A/m

13.56 MHz</td><td>7.5 A/m</td></tr>
<tr><td colspan="4">Note - These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Note - The ISM (Industrial, Scientific, and Medical) bands between 0.15 MHz and 80 MHz are 6.765 MHz to 6.795 MHz; 13.553 MHz to 13.567 MHz; 26.957 MHz to 27.283 MHz; and 40.66 MHz to 40.70 MHz.</td></tr>
</table>

[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 Series** stretcher is used exceeds the applicable RF compliance level above, the **Prime Series** stretcher should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the **Prime Series** stretcher.

[b]Over the frequency range 150 kHz to 80 MHz, field strengths are less than 3 Vrms.

Recommended separation distances between portable and mobile RF communication equipment and the Prime Series stretcher

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

Band (MHz)	Service	Maximum power (W)	Minimum separation distance (m)
380-390	TETRA 400	1.8	0.3
430-470	GMRS 460; FRS 460	2.0	0.3
704-787	LTE Band 13, 17	0.2	0.3
800-960	GSM 800/900; TETRA 800; iDEN 820; CDMA 850; LTE Band 5	2.0	0.3
1,700-1,990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	2.0	0.3
2,400-2,570	Bluetooth; WLAN; 802.11 b/g/n; RFID 2450; LTE Band 7	2.0	0.3
5,100-5,800	WLAN 802.11 a/n	0.2	0.3

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) according to the transmitter manufacturer.

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

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