Prime™ Series Stretcher

REF Model 1105

Fifth Wheel

stryker®

Operations Manual

For parts or technical assistance call:
USA: 1-800-327-0770

CE

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Symbols and Definitions

SYMBOLS

	Warning/Caution: Consult accompanying documentation
	Safe Working Load indicates the sum of the patient, mattress, and accessory weight
	In accordance with European Directive 2002/96/EC on Waste Electrical and Electronic Equipment, this symbol indicates that the product must not be disposed of as unsorted municipal waste, but should be collected separately. Refer to your local distributor for return and/or collection systems available in your country.
	Manufacturer
	Do not store oxygen bottle
	Do not push/pull
	Alternating Current
	Direct Current
	Type B Equipment: equipment providing a particular degree of protection against electric shock, particularly regarding allowable leakage current and reliability of the protective earth connection. Class 1 Equipment: equipment in which protection against electric shock does not rely on basic insulation only, but which includes an additional safety precaution in that means are provided for the connection of the equipment to the protective earth conductor in the fixed wiring of the installation in such a way that accessible metal parts cannot become live in the event of a failure of the basic insulation.
	Dangerous Voltage
	Protective Earth Terminal
IPX6	Protection from Liquid Jet
	Medical Equipment Classified by Underwriters Laboratories Inc. with Respect to Electric Shock, Fire, Mechanical and Other Specified Hazards Only in Accordance with UL 60601-1 First Edition (2003) and CAN/CSA C22.2 No. 601.1.

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Symbols and Definitions

WARNING/CAUTION/NOTE DEFINITION

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

WARNING

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

CAUTION

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

NOTE

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

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Introduction

This manual is designed to assist you with the operation of Stryker Model 1105 Prime Series Stretcher. Read this manual thoroughly before using the equipment or beginning maintenance on it. To ensure safe operation of this equipment, it is recommended that methods and procedures be established for educating and training staff on the safe operation of this stretcher.

PRODUCT DESCRIPTION

The Stryker Model 1105 Prime Series Stretcher, with the retractable fifth wheel, optimizes traction and cornering to improve overall mobility.

INTENDED USE OF PRODUCT

The Stryker Model 1105 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. The device has siderails and has the option available to support the temporary or permanent placement of I.V. poles. A stretcher provides the operator a method of transporting patients within a healthcare facility. The device has a fifth wheel that may be engaged to guide the stretcher along a straight line during transport and pivots the stretcher around corners. Some stretchers may also be used for minor procedures and short-term stay (treatment and recovery).

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SPECIFICATIONS

	26” Width		30” Width Option	
 Safe Working Load **Note:** Safe Working Load indicates the sum of the patient, mattress, and accessory weight.	700 lb	318 kg	700 lb	318 kg
Overall Stretcher Length	85” (± .5”)	215.9 cm	85” (± .5”)	215.9 cm
Overall Stretcher Width (Siderails Up)	34” (± 1”)	86.4 cm	38” (± 1”)	96.5 cm
Overall Stretcher Width (Siderails Down)	30.25” (± .5”)	76.8 cm	30.5” (± .5”)	77.5 cm
Minimum / Maximum Stretcher Height	20.75” / 34” (± 1”)	52.7 cm / 86.4 cm	20.75” / 34” (± 1”)	52.7 cm / 86.4 cm
Fowler Angle	0˚ to 90˚ (± 5˚)			
Gatch Height	5.5” (14 cm) minimum			
Trendelenburg / Reverse Trendelenburg	+17˚/-17˚ (± 3˚)			
Minimum Under-Stretcher Clearance	5.75” nominal	14.6 cm	5.75” nominal	14.6 cm
	1.75” under the hydraulic jacks and fifth wheel	4.5 cm	1.75” under the hydraulic jacks and fifth wheel	4.5 cm
Optional Electric Litter				
Electrical Requirements	120V ~, 60Hz, 10 A			
Duty Cycle	Continuous Operation with intermittent loading is 1 min ON/20 min OFF			
Optional Scale System - Non-Electric Litter				
Battery Type	4 x AA Battery (4 X 1.5V⎓) Alkaline Type (LR6)			
Battery Voltage	6.0V⎓			
Optional Scale System - Electric Litter Option				
Battery Type	1 x Rechargeable Lithium Ion Battery Pack (0058-135-000)			
Battery Voltage	10.8V⎓, 2.4Ah			
Optional Scale System - Electric Litter Option with Chaperone (Stretcher Exit) Option				
Battery Type	1 x Rechargeable Lithium Ion Battery Pack (0058-134-000)			
Battery Voltage	10.8V⎓, 4.8 Ah			

Stryker reserves the right to change specifications without notice.

Note: Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.

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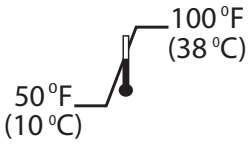
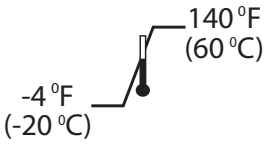
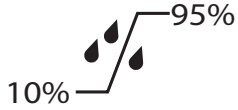
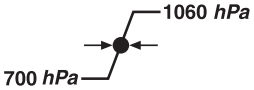
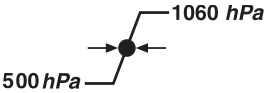
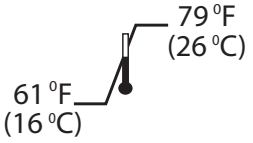
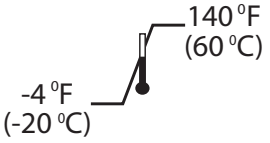
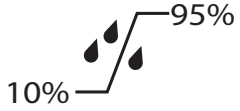
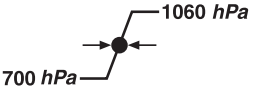
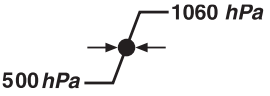
SPECIFICATIONS (CONTINUED)

Environmental Conditions	Operation	Storage and Transportation
Temperature		
Relative Humidity		
Atmospheric Pressure		

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

SPECIFICATIONS - OPTIONAL SCALE SYSTEM (NON-ELECTRIC LITTER/ELECTRIC LITTER OPTION)

Optional Scale System Weight Operating Range	50 lb (22.7 kg) to 700 lb (318 kg)	
Optional Scale System 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) *	
Environmental Conditions	Operation	Storage and Transportation
Temperature		
Relative Humidity		
Atmospheric Pressure		
* To meet this accuracy claim, the patient surface must be in the flat position (fowler and gatch down) and the stretcher cannot exceed 5 degrees of Trendelenburg/reverse Trendelenburg.		

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PRODUCT ILLUSTRATION (ELECTRIC LITTER OPTION SHOWN)

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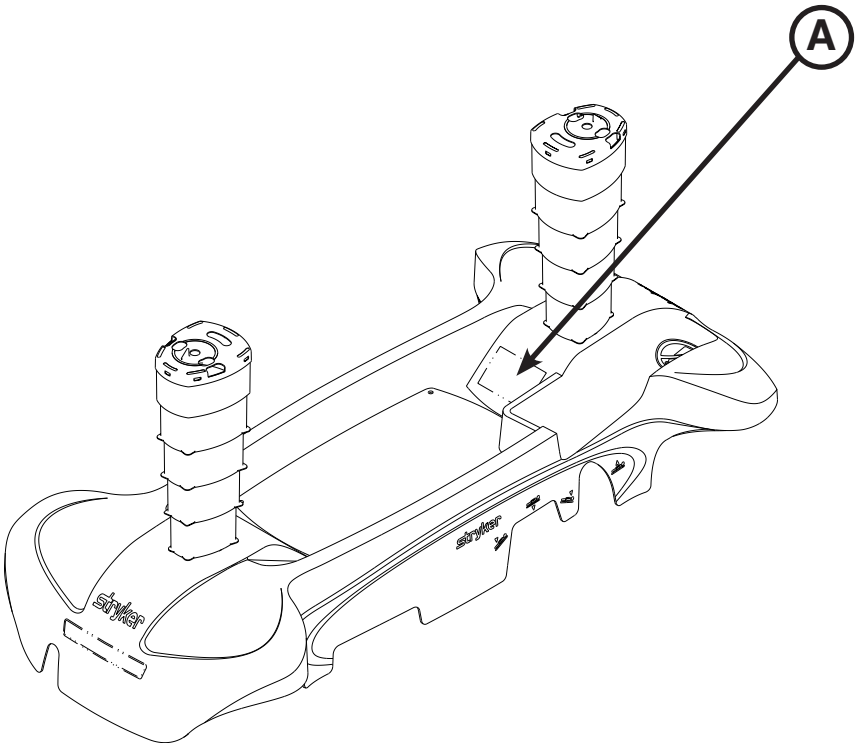
CONTACT INFORMATION

Contact Stryker Customer Service or Technical Support at: (800) 327-0770 or (269) 324-6500.

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

Please 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



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Summary of Safety Precautions

Carefully read and strictly follow the warnings and cautions listed on this page. Service only by qualified personnel. See the maintenance manual for additional information.

WARNING

- This stretcher is equipped with a hospital grade plug for protection against electric shock hazard. It must be plugged directly into a properly grounded three-prong receptacle. Grounding reliability can be achieved only when a hospital grade receptacle is used.
- Always apply the brakes when a patient is getting on or off the stretcher. Push on the stretcher to ensure that the brakes are securely locked. Always engage the brakes unless the stretcher is being moved. Injury could result if the stretcher moves while a patient is getting on or off the stretcher.
- Patients should be discouraged from sitting directly on the ends of the stretcher. Excessive weight could cause the litter surface to tip up, possibly causing patient injury.
- Leave the stretcher height in the lowest position when the patient is left unattended. Leaving the stretcher height in a raised position could increase the chance of patient falls and injury.
- If your unit is equipped with the optional electric lift/litter, unplug the power cord from the power outlet before transporting or cleaning the unit. To unplug, grasp the mold near the outlet and pull the cord in a direction parallel to the floor (not at an angle).
- Make sure that the brakes are completely released before attempting to move the unit. Attempting to move the unit with the brakes engaged could result in injury to the user and/or patient.
- After raising the siderails, pull firmly on the siderail to ensure that it is securely locked into the up position. Siderails are not intended to serve as a patient restraint device to keep patients from exiting the unit. Siderails are intended to keep a patient from inadvertently rolling off the unit. It is the responsibility of the attending medical personnel to determine the degree of restraint necessary to ensure that a patient will remain in place. Failure to utilize the siderails properly could result in patient injury.
- When lowering the siderail to the collapsed position, keep extremities of patients and staff away from the siderail spindles or injury could occur.
- Powered stretcher mechanisms can cause serious injury. Operate stretcher only with persons clear of mechanisms.
- Operation of the fowler is a manual procedure. Use caution when raising the fowler while a patient is on the stretcher. Use proper lifting techniques and get additional assistance, if necessary. Failure to use proper lifting techniques could cause injury to the operator.
- Keep hands/fingers clear of the area around the fowler release handle and the fowler frame when lowering the fowler. Injury could result if care is not taken when lowering the fowler.
- To avoid the risk of injury, ensure that the gatch prop rod is fully raised and securely placed into position.
- Use caution when operating the gatch while a patient is on the stretcher. Powered stretcher mechanisms can cause serious injury. Operate stretcher only with persons clear of mechanisms.
- Use caution when operating the recovery chair while a patient is on the stretcher. Powered stretcher mechanisms can cause serious injury. Operate stretcher only with persons clear of mechanisms.
- To avoid patient injury or equipment damage, all lines from any equipment stored on the pump rack must be diverted away from the gatch handles.
- To avoid patient injury or equipment damage, do not lift the stretcher by the pump rack.
- To avoid equipment damage, remove any equipment from the pump rack that may be in the way before lowering the litter.
- To avoid equipment damage while transporting the stretcher, verify that any equipment on the pump rack can safely pass through door openings and under light fixtures.
- To avoid the risk of injury to the patient or user or damage to the I.V. pole while transporting the stretcher, make sure that the I.V. caddy is securely tightened on the I.V. pole.

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WARNING (CONTINUED)

- Physical restraints, even if properly secured, may result in serious harm to patients and caregivers. The use of restraint straps may potentially cause entanglement, entrapment, physical injury, and/or death. Caution must be used in affixing restraint straps to avoid potential injury to both patients and caregivers.
- Restraint straps and/or devices must be attached only at the identified attachment points of the unit. Failure to do so may result in patient or caregiver injury. Do not attach restraints straps to the siderail.
- This unit accommodates the use of ankle, chest, wrist, and body restraints. The use of restraint straps is regulated by state and federal restrictions. Users, caregivers, and/or practitioners should refer to the applicable state and federal restrictions and the appropriate facility protocols before using any restraint strap and/or device.
- Do not steam clean the unit.
- Possible fire and/or explosion hazard when used with anesthesia, oxygen tents, hyperbaric chambers, other combustible gasses, or oxygen administering equipment of other than the nasal, mask, or 1/2 bed length type. Oxygen tent should not extend below the mattress support level and should not enclose electronic user interface controls. Lock patient controls when using oxygen administering equipment.
- Medical electrical equipment (such as the optional scale system or optional electric lift/litter) requires special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided on page 56 to prevent equipment malfunction.
- Portable and mobile RF communication equipment can affect Medical Electrical Equipment (such as the optional scale system or optional electric lift/litter).
- To avoid malfunction, the optional scale system or optional electric lift/litter should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the optional scale system or optional electric lift/litter should be observed to verify normal operation in the configuration in which it will be used.

CAUTION

- Do not modify this stretcher. Modifying the unit can cause unpredictable operation resulting in injury to the patient or operator. Modifying the unit will also void its warranty.
- This stretcher is not intended for pediatric use or for patients under 50 lb. This stretcher is intended for use by trained hospital personnel only.
- To avoid damage, remove any equipment that may be in the way before raising or lowering the litter height.
- Do not raise the unit (hydraulics on base) with a patient lift under the stretcher.
- To avoid injury or damage to the equipment, do not allow the siderail to lower on its own.
- The push handles were designed for use while transporting the stretcher. Avoid using other parts of the stretcher as push/pull devices because damage could occur.
- To avoid the risk of patient and/or operator injury, raise the foot end push handles when using optional accessories (such as the foot extension/defibrillator tray, chartholder, upright oxygen bottle holder, or scale) or the accessories will not function properly.
- To avoid the risk of injury, keep fingers clear of the foot end push handles when lowering the optional gatch.
- If the stretcher is equipped with the optional foot end push handles, use caution if the foot extension/defibrillator tray, chartholder, and/or upright oxygen bottle holder is installed to avoid pinching your fingers.
- The weight capacity of the gatch is 200 lb. Do not sit or stand on the gatch. Injury or damage to the equipment could occur.
- To achieve recovery chair position, your stretcher must be equipped with the lift assist backrest and gatch options.
- The weight capacity of the base hood is 60 lb. Do not sit or stand on the base hood. Injury or damage to the equipment could occur.
- Do not step on the base hood.

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CAUTION (CONTINUED)

- Do not use the cutout for the oxygen bottle holder on the base hood for the storage of oxygen bottles or patient belongings.
- The weight capacity of the pump rack is 40 lb.
- Do not use the pump rack as a push/pull device, because equipment damage could occur.
- To avoid damage, do not put items weighing more than 30 lb on the defibrillator tray.
- Do not use the defibrillator tray as a push/pull device, because equipment damage could occur.
- If the stretcher is equipped with the optional foot end I.V. pole, the I.V. pole must be in the raised position when the foot extension/defibrillator tray is installed. If the I.V. pole is not raised, the foot extension will not function properly and injury could occur.
- If the stretcher is equipped with the optional foot end push handles, use caution if the foot extension/defibrillator tray, chartholder, and/or upright oxygen bottle holder is installed to avoid pinching your fingers.
- To avoid damage, do not put items weighing more than 30 lb on the foot extender/defibrillator tray.
- Do not use the foot extension/defibrillator tray as a push/pull device, because equipment damage could occur.
- Do not use the footboard/chartholder as a push/pull device because equipment damage could occur.
- Always store the I.V. caddy when not in use to avoid damaging it when the unit is moved.
- To avoid damage, the safe working load of the two-stage permanently attached I.V. pole is 40 lb.
- To avoid damage while transporting the stretcher, verify that the I.V. pole is at a low enough height to allow it to safely pass through door openings and under light fixtures.
- Do not use the I.V. pole as a push/pull device, because equipment damage could occur.
- To avoid damage, the weight of the I.V. bags should not exceed 12 lb while the weight of any one item attached to each stage of the three-stage permanently attached I.V. pole should not exceed 9.3 lb.
- To avoid damage, the weight of the I.V. bags should not exceed 40 lb.
- To avoid damage, do not put items weighing more than 40 lb in the upright oxygen bottle holder.
- Do not use the upright oxygen bottle holder as a push/pull device because equipment damage could occur.
- To avoid damage, do not put items weighing more than 30 lb on the serving tray.
- Do not use the serving tray holder/foot board as a push/pull device because equipment damage could occur.
- Before returning the unit to service after cleaning, ensure that the unit is functioning properly by verifying that all labels are intact, raise/lower the stretcher height, brake/steer pedal locks properly in both positions, latch/unlatch the siderails, raise/lower the fowler and gatch, and check all components for proper lubrication.
- Some cleaning products are corrosive in nature and may cause damage to the product if used improperly. If the products suggested above are used to clean Stryker patient handling equipment, measures must be taken to ensure that the stretcher is wiped with a damp cloth soaked in clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the stretcher will leave a corrosive residue on the surface of the stretcher, possibly causing premature corrosion of critical components. Failure to follow the above directions when using these types of cleaners may void this product's warranty.

NOTE

- Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.
- The bottom of the brake pads should be cleaned regularly to prevent wax or floor remnant buildup.
- Clean the base hood storage area regularly.

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If this unit is equipped with the optional electric lift/litter, the unit must reach room temperature prior to conducting any setup and/or unit operations to prevent permanent damage to the unit.

Make sure that the unit is working properly before it is put into service. The following list will ensure that each part of the unit is checked.

Stretcher checklist:

1. Depress the pedal at either end of the stretcher fully to set the four wheel brakes and verify that all of the four casters are locked (page 16).
2. Raise and lower the hydraulic lift system (page 17 or page 18).
3. Raise the unit completely and activate the Trendelenburg function. Ensure that the head end lowers to the full down position (page 20).
4. Raise the unit completely and activate the reverse Trendelenburg function. Ensure that the foot end lowers to the full down position (page 20).
5. Run through the operation of the fifth wheel to ensure that it is operating properly (page 21).
6. Ensure that the siderails raise and lower smoothly and lock securely in the full up position (page 22).
7. Raise and lower the fowler (head end) (page 28).
8. Raise and lower the gatch (foot end) (page 30).

If equipped with the optional electric lift/litter:

1. Check all items on the stretcher checklist above.
2. Plug the unit into a properly grounded, hospital grade wall receptacle and ensure that the LED lights illuminate on the lockout keypad.
3. Raise and lower the hydraulic lift system (page 19).
4. Perform each function on the patient siderail controls to ensure that they are working properly (page 23).
5. Perform each function on the foot end nursing controls to ensure that they are working properly (page 24).
6. Raise and lower the fowler (head end) (page 29).
7. Raise and lower the gatch (foot end) (page 31).

If equipped with the optional scale - electric litter option (with or without chaperone option):

1. Check all items on the stretcher checklist above.
2. Plug the power cord into a properly grounded, hospital grade wall receptacle to charge the batteries.

   Note: To charge the battery, see “Charging the Optional Scale System Battery Pack - Electric Litter Option” on page 40 or “Charging the Optional Scale System Battery Pack - Electric Litter Option with Chaperone” on page 42.

WARNING

This stretcher is equipped with a hospital grade plug for protection against electric shock hazard. It must be plugged directly into a properly grounded three-prong receptacle. Grounding reliability can be achieved only when a hospital grade receptacle is used.

CAUTION

- Do not modify this stretcher. Modifying the unit can cause unpredictable operation resulting in injury to the patient or operator. Modifying the unit will also void its warranty.
- This stretcher is not intended for pediatric use or for patients under 50 lb. This stretcher is intended for use by trained hospital personnel only.

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APPLYING THE BRAKE SYSTEM

For user convenience, a brake/steer control pedal is located on both ends of the stretcher as shown in Figure 1.

WARNING

Always apply the brakes when a patient is getting on or off the stretcher. Push on the stretcher to ensure that the brakes are securely locked. Always engage the brakes unless the stretcher is being moved. Injury could result if the stretcher moves while a patient is getting on or off the stretcher.

To engage the brakes on the head end, push down on the brake (red) side of pedal (A).
To engage the brakes on the foot end, push down on the brake (red) side of pedal (B).

To release the brakes on the head end, push down on the steer (green) side of pedal (A).
To release the brakes on the foot end, push down on the steer (green) side of pedal (B).

Note: Your stretcher may be equipped with optional side control brake and steer functions (C) in addition to the standard head end (A) and foot end (B) controls. The side control brakes operate the same as the head end and foot end brakes.

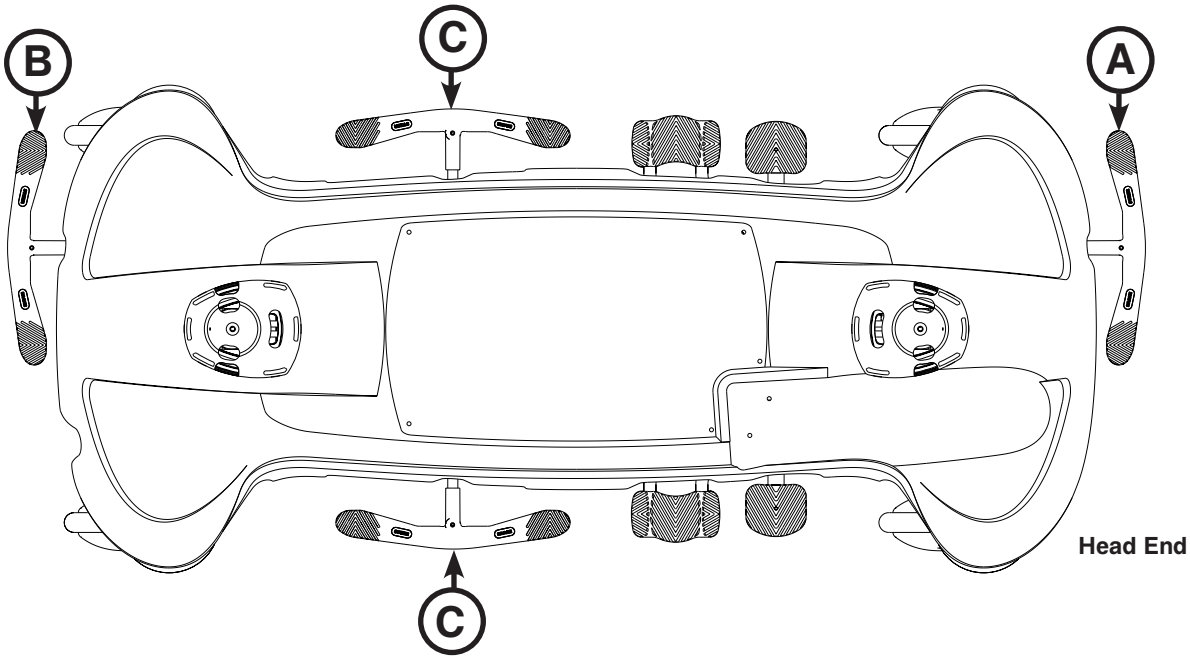

Figure 1: Brake System

Note: The bottom of the brake pads should be cleaned regularly to prevent wax or floor remnant buildup.

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OPERATING THE BASE CONTROLS - SIDE CONTROL HYDRAULICS

To operate the base controls, see Figure 2 to locate which pedals are used for what operation.

CAUTION

- To avoid damage, remove any equipment that may be in the way before raising or lowering the litter height.
- Do not raise the unit (hydraulics on base) with a patient lift under the stretcher.

To raise the litter height, pump pedal (A) repeatedly until the desired height is achieved.

To lower both ends of the litter together, depress the center of pedal (B).

To lower only the head end of the litter, depress the side of pedal (B) closest to the head end of the stretcher.

To lower only the foot end of the litter, depress the side of pedal (B) closest to the foot end of the stretcher.

WARNING

- Patients should be discouraged from sitting directly on the ends of the stretcher. Excessive weight could cause the litter surface to tip up, possibly causing patient injury.
- Leave the stretcher height in the lowest position when the patient is left unattended. Leaving the stretcher height in a raised position could increase the chance of patient falls and injury.

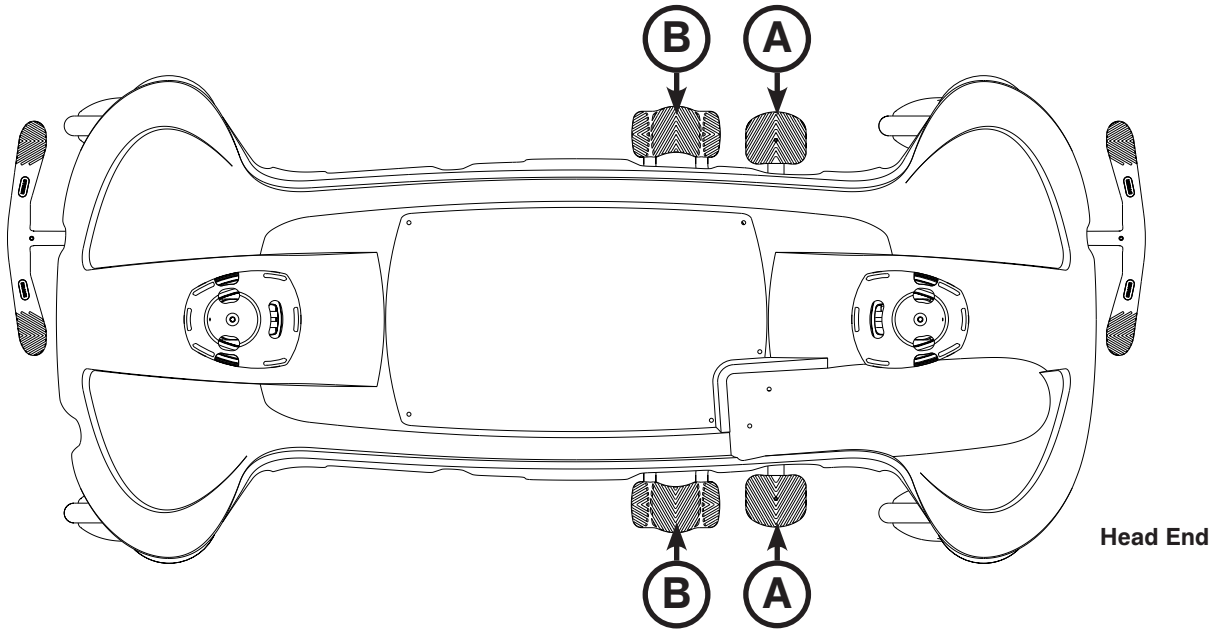
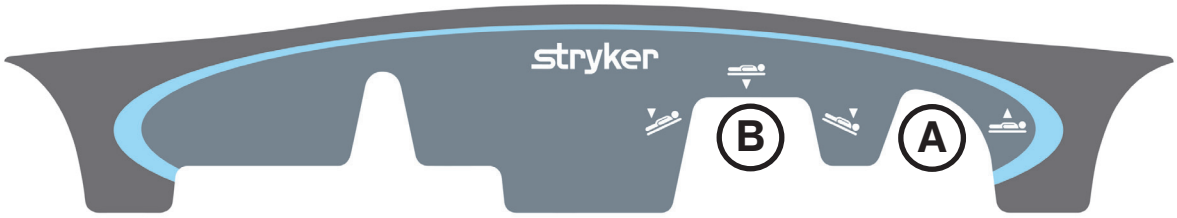


Figure 2: Stretcher Base Controls - Side Control



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OPERATING THE BASE CONTROLS - OPTIONAL THREE-SIDED CONTROL HYDRAULICS

To operate the base controls, see Figure 3 to locate which pedals are used for what operation.

CAUTION

- To avoid damage, remove any equipment that may be in the way before raising or lowering the litter height.
- Do not raise the unit (hydraulics on base) with a patient lift under the stretcher.

To raise the litter height, pump pedal (A) repeatedly until the desired height is achieved.

To lower both ends of the litter together, depress pedal (B) and pedal (D) together using the same foot or depress in the center of pedal (C).

To lower the foot end of the litter, depress pedal (B) or the side of pedal (C) closest to the foot end.

To lower the head end of the litter, depress pedal (D) or the side of pedal (C) closest to the head end.

WARNING

- Patients should be discouraged from sitting directly on the ends of the stretcher. Excessive weight could cause the litter surface to tip up, possibly causing patient injury.
- Leave the stretcher height in the lowest position when the patient is left unattended. Leaving the stretcher height in a raised position could increase the chance of patient falls and injury.

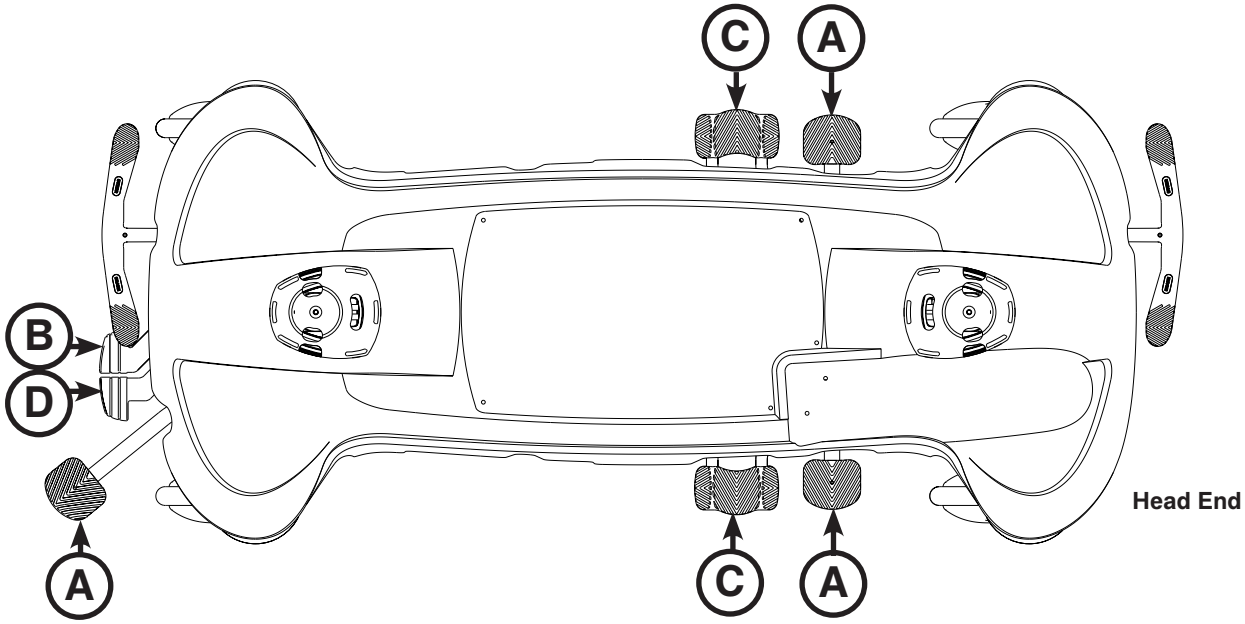
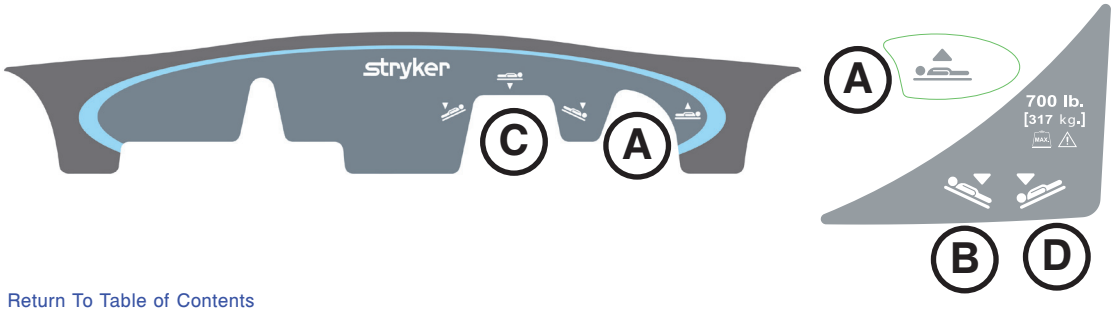


Figure 3: Stretcher Base Controls - Optional Three-Sided Control



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RAISING AND LOWERING THE LITTER HEIGHT - OPTIONAL ELECTRIC LIFT

Ensure that the power cord is plugged into to a properly grounded, hospital grade wall outlet before using the optional electric lift.

CAUTION

- To avoid damage, remove any equipment that may be in the way before raising or lowering the litter height.
- Do not raise the unit (hydraulics on base) with a patient lift under the stretcher.

To raise the litter height electrically, depress pedal (A) (see Figure 2 on page 17 or Figure 3 on page 18). The litter will begin to raise. Hold the pedal down until the desired litter height is achieved. Release the pedal at any time to stop the litter motion.

To lower the litter height manually, see the Operating the Base Controls - Side Control Hydraulics information on page 17 or Operating the Base Controls - Optional Three-Sided Hydraulic Controls information on page 18. The litter height does not lower electrically.

WARNING

- Patients should be discouraged from sitting directly on the ends of the stretcher. Excessive weight could cause the litter surface to tip up, possibly causing patient injury.
- Leave the stretcher height in the lowest position when the patient is left unattended. Leaving the stretcher height in a raised position could increase the chance of patient falls and injury.

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ADJUSTING TRENDELENBURG/REVERSE TRENDELENBURG POSITIONS - SIDE CONTROL HYDRAULICS

Litter height must first be raised in order to achieve a Trendelenburg or reverse Trendelenburg position.

CAUTION

- To avoid damage, remove any equipment that may be in the way before raising or lowering the litter height.
- Do not raise the unit (hydraulics on base) with a patient lift under the stretcher.

For Trendelenburg positioning (head down), depress the side of pedal (B) closest to the head end (see Figure 2 on page 17.

For reverse Trendelenburg positioning (foot down), depress the side of pedal (B) closest to the foot end (see Figure 2 on page 17).

To lower the stretcher from reverse Trendelenburg position, depress pedal (A) once to raise the foot end of the stretcher, and then depress pedal (B) (see Figure 2 on page 17).

Note: The higher the litter is before pedal (B) is activated, the greater the Trendelenburg or reverse Trendelenburg angle will be. (Maximum Trendelenburg angle is +17˚. Maximum reverse Trendelenburg angle is -17˚.)

ADJUSTING TRENDELENBURG/REVERSE TRENDELENBURG POSITIONS - OPTIONAL THREE-SIDED CONTROL HYDRAULICS

Litter height must first be raised in order to achieve a Trendelenburg or reverse Trendelenburg position.

CAUTION

- To avoid damage, remove any equipment that may be in the way before raising or lowering the litter height.
- Do not raise the unit (hydraulics on base) with a patient lift under the stretcher.

For Trendelenburg positioning (head down) (see Figure 3 on page 18):

- Depress pedal (D) at the foot end of the unit or
- Depress the side of pedal (C), located on the patient left or patient right side, closest to the head end of the unit.

For reverse Trendelenburg positioning (foot down) (see Figure 3 on page 18):

- Depress pedal (B) at the foot end of the unit or
- Depress the side of pedal (C), located on the patient left or patient right side, closest to the foot end of the unit.

To lower the stretcher from reverse Trendelenburg position, depress pedal (A) once to raise the foot end of the stretcher, and then depress pedal (C) or (D) (see Figure 3 on page 18.

Note: The higher the litter is before pedal (B), (C), or (D) is activated, the greater the Trendelenburg or reverse Trendelenburg angle will be. (Maximum Trendelenburg angle is +17˚. Maximum reverse Trendelenburg angle is -17˚.)

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OPERATING THE FIFTH WHEEL

WARNING

- Make sure that the brakes are completely released before attempting to move the unit. Attempting to move the unit with the brakes engaged could result in injury to the user and/or patient.
- If your unit is equipped with the optional electric lift/litter, unplug the power cord from the power outlet before transporting or cleaning the unit. To unplug, grasp the mold near the outlet and pull the cord in a direction parallel to the floor (not at an angle).

The fifth wheel guides the stretcher along a straight line during transport and pivots the stretcher around corners.

To operate the fifth wheel, push the steer (green) side (A) of any brake/steer pedal to the lowest position as shown in Figure 4.

To disengage the fifth wheel, push the brake (red) side (B) of any brake/steer pedal to the neutral position as shown in Figure 4.

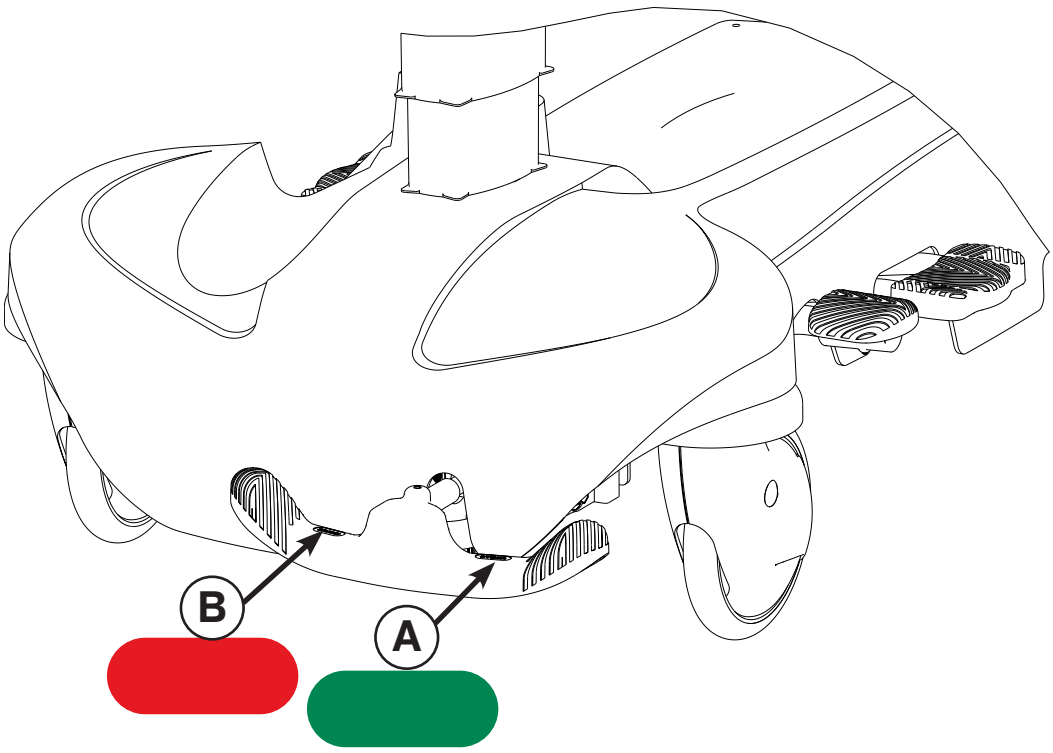

Figure 4: Fifth Wheel (Head End View)

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OPERATING THE SIDERAILS

Raising and lowering the siderails safely is a two-handed operation. Use one hand to hold and position the siderail and the other hand to operate the siderail latch.

To raise the siderails, pull up on the siderail (A) and raise it to the highest position until the latch (B) engages as shown in Figure 5.

WARNING

After raising the siderails, pull firmly on the siderail to ensure that it is securely locked into the up position. Siderails are not intended to serve as a patient restraint device to keep patients from exiting the unit. Siderails are intended to keep a patient from inadvertently rolling off the unit. It is the responsibility of the attending medical personnel to determine the degree of restraint necessary to ensure that a patient will remain in place. Failure to utilize the siderails properly could result in patient injury.

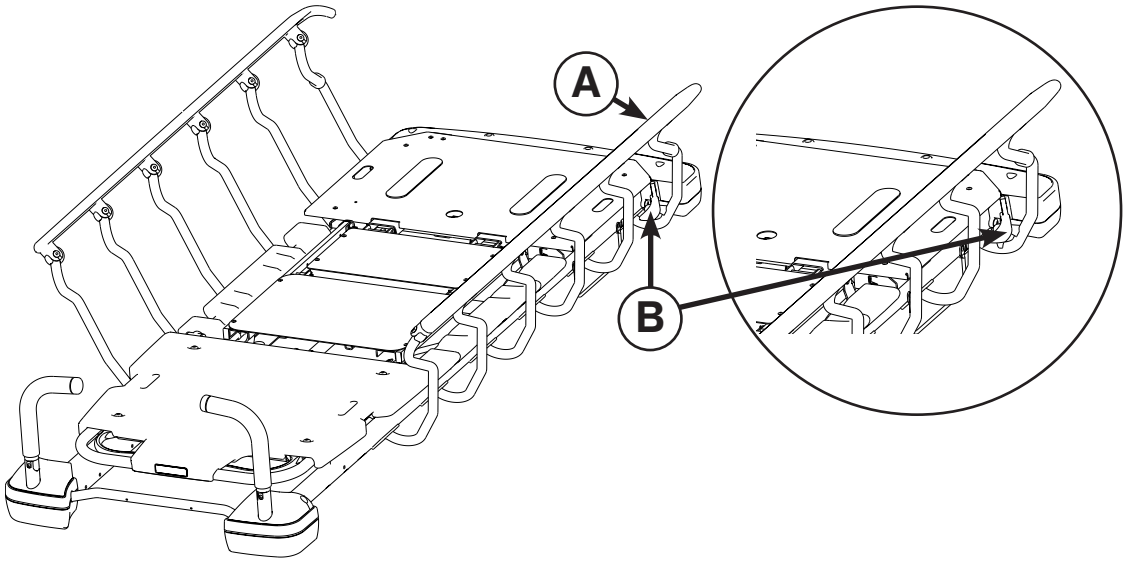

Figure 5: Siderails

To lower the siderails, pull up on the latch (B) and guide the siderail to the lowest position as shown in Figure 5. The latches (B) are colored yellow for easy identification.

WARNING

When lowering the siderail to the collapsed position, keep extremities of patients and staff away from the siderail spindles or injury could occur.

Note: The foot end of the siderail top rail can be used as a push/pull handle.

CAUTION

To avoid injury or damage to the equipment, do not allow the siderail to lower on its own.

Note: There is a dual siderail latch option available with latches on both ends of the stretcher.

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OPERATING THE SIDERAIL PATIENT CONTROLS - OPTIONAL ELECTRIC LITTER

Ensure that the power cord is plugged into to a properly grounded, hospital grade wall outlet before using the optional electric litter.

Each siderail has backlit controls to allow the patient to position the fowler and gatch as shown in Figure 6. The power cord must be plugged into the wall socket for the patient controls to operate. When the stretcher is plugged in (powered) and the controls are unlocked (see page 25), the white buttons are illuminated.

Note: The siderail patient controls are positioned in a staggered location on each side of the stretcher for easy patient access.

WARNING

Powered stretcher mechanisms can cause serious injury. Operate stretcher only with persons clear of mechanisms.

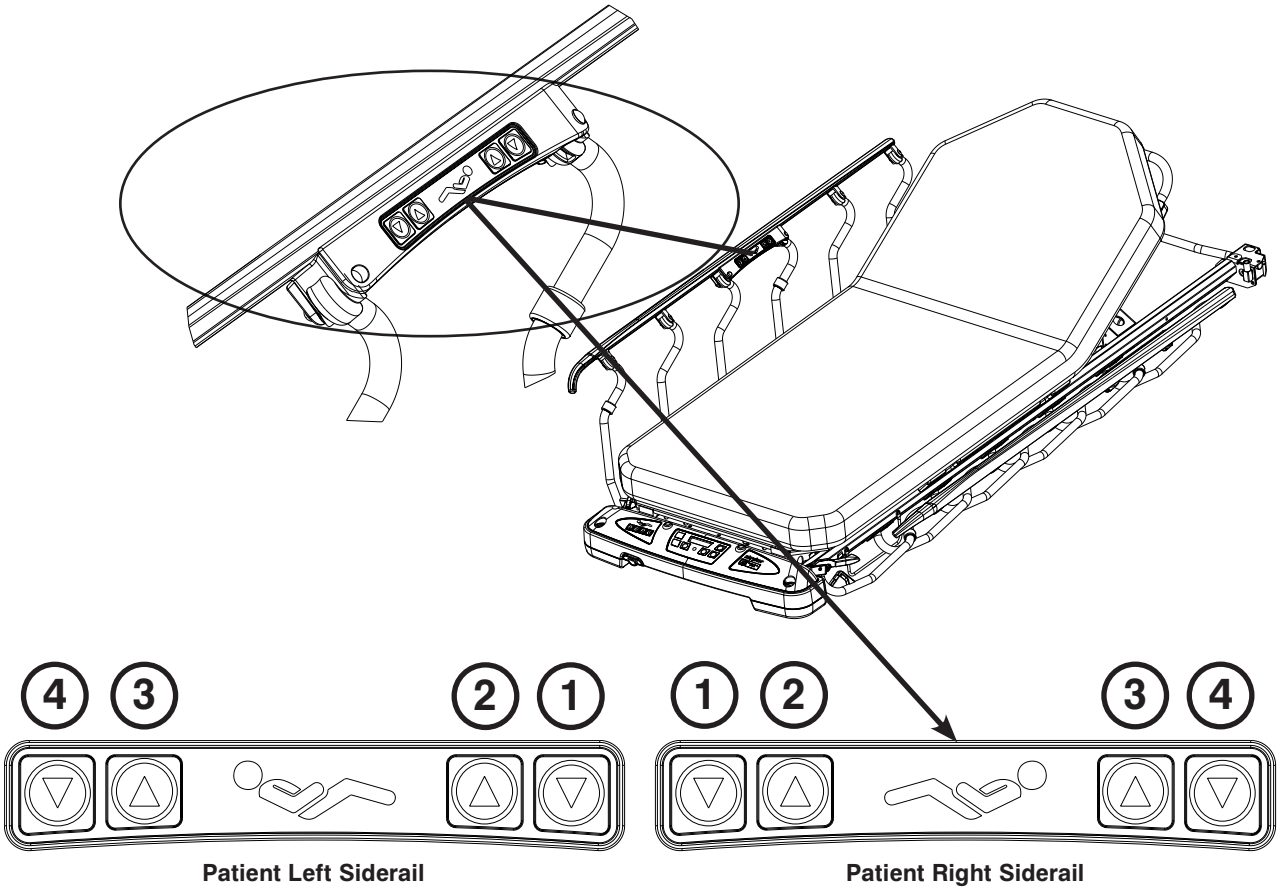

Figure 6: Siderail Patient Controls

Button	Button Name	Button Function
1	Gatch Down	Press to lower the gatch (foot section)
2	Gatch Up	Press to raise the gatch (foot section)
3	Fowler Up	Press to raise the fowler (head section)
4	Fowler Down	Press to lower the fowler (head section)

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OPERATING THE FOOT END NURSING CONTROLS - OPTIONAL ELECTRIC LITTER

Ensure that the power cord is plugged into to a properly grounded, hospital grade wall outlet before using the optional electric litter.

The foot end nursing controls allow the operator to position the fowler and gatch as shown in Figure 7. The power cord must be plugged into the wall socket for the nursing controls to operate.

WARNING

Powered stretcher mechanisms can cause serious injury. Operate stretcher only with persons clear of mechanisms.

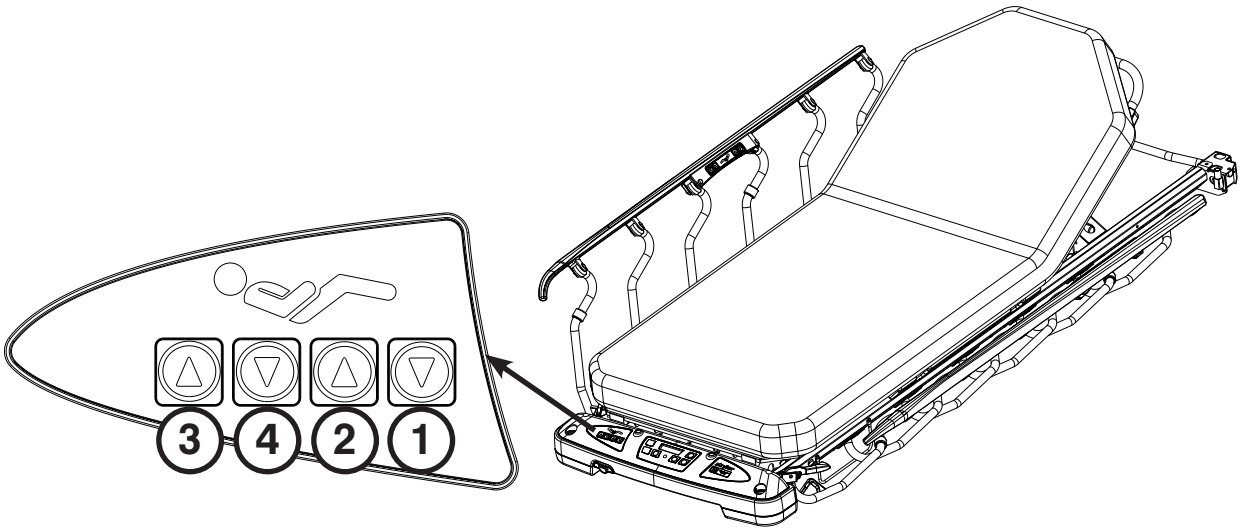

Figure 7: Foot End Nursing Controls - Optional Electric Litter

Button	Button Name	Button Function
1	Gatch Down	Press to lower the gatch (foot section)
2	Gatch Up	Press to raise the gatch (foot section)
3	Fowler Up	Press to raise the fowler (head section)
4	Fowler Down	Press to lower the fowler (head section)

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USING PATIENT CONTROL LOCKOUT - OPTIONAL ELECTRIC LITTER

Ensure that the power cord is plugged into to a properly grounded, hospital grade wall outlet before using the optional electric litter.

You can press the patient control lockout button to prevent the patient from using the siderail patient controls to move the fowler and gatch. The patient control lockout button is located at the foot end of the stretcher.

To lock the siderail patient controls, press the **Lock/ Unlock** (A) button as shown in Figure 8. The lock icon (B) is illuminated amber while the patient controls are locked. The foot end nursing controls are not locked.

Note: When the siderail patient controls are locked, the siderail patient controls are not backlit.

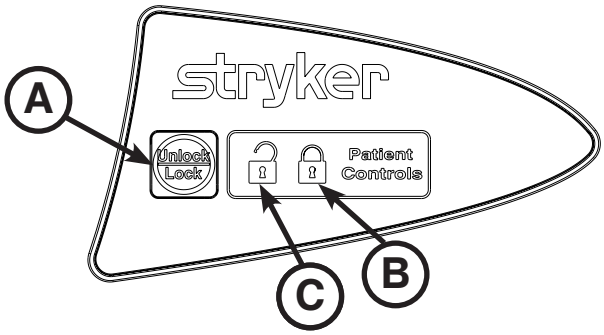

Figure 8: Patient Control Lockout

To unlock the siderail patient controls, press the **Lock/Unlock** (A) button as shown in Figure 8. The unlock icon (C) is illuminated green when the patient controls are unlocked.

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OPERATING THE OPTIONAL HEAD END PUSH HANDLES

To use the push handles, pivot the handles (A) up and push down until they are locked into position (Figure 9.1).
To store the push handles, lift the handles (B) up and pivot them down to store in the handle rests (Figure 9.2).

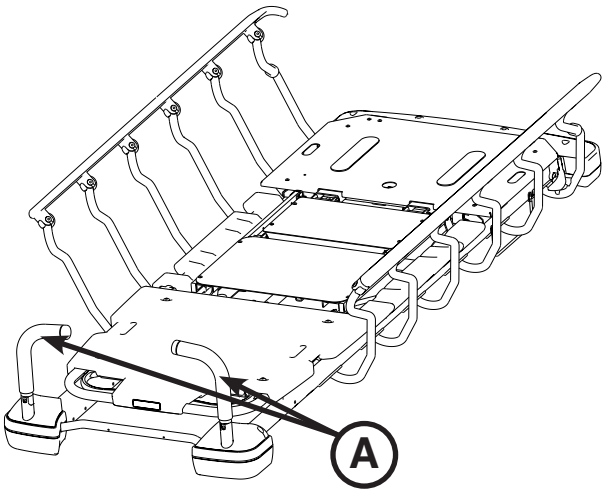

Figure 9.1: Head End Push Handles Open

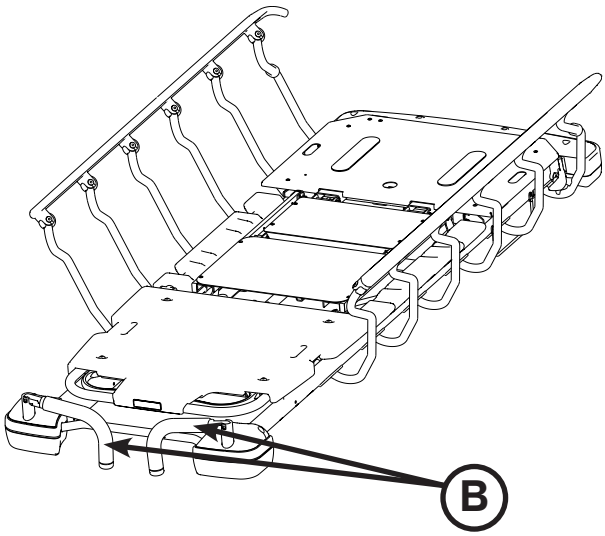

Figure 9.2: Head End Push Handles Stored

CAUTION

The push handles were designed for use while transporting the stretcher. Avoid using other parts of the stretcher as push/pull devices because damage could occur.

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OPERATING THE OPTIONAL FOOT END PUSH HANDLES

To use the push handles, pivot the handles (A) up and push down until they are locked into position (Figure 10.1).
To store the push handles, lift the handles (B) up and pivot them down to store in the handle rests (Figure 10.2).

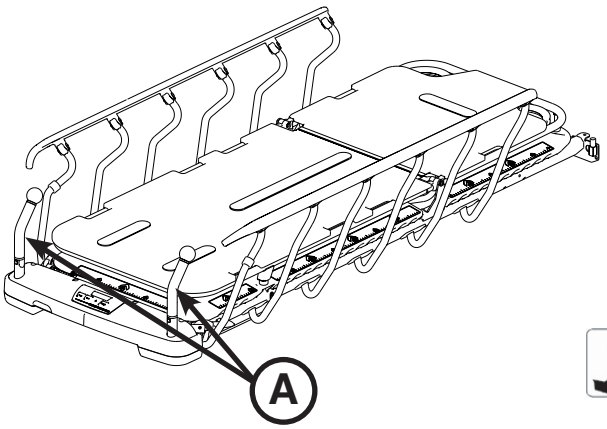

Figure 10.1: Foot End Push Handles Open

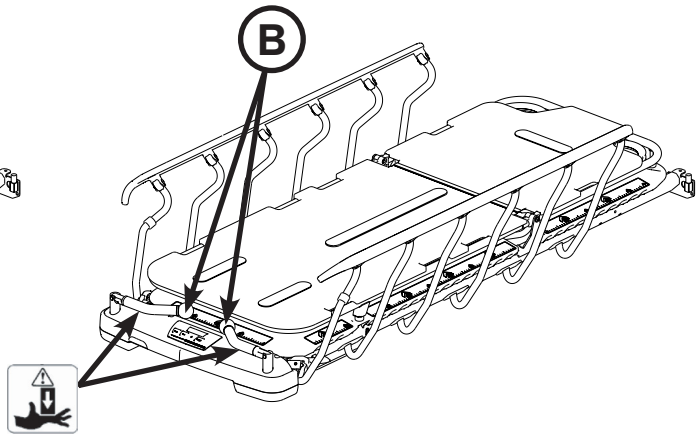

Figure 10.2: Foot End Push Handles Stored

CAUTION

- The push handles were designed for use while transporting the stretcher. Avoid using other parts of the stretcher as push/pull devices because damage could occur.
- To avoid the risk of patient and/or operator injury, raise the foot end push handles when using optional accessories (such as the foot extension/defibrillator tray, chartholder, upright oxygen bottle holder, or scale) or the accessories will not function properly.
- To avoid the risk of injury, keep fingers clear of the foot end push handles when lowering the optional gatch.
- If the stretcher is equipped with the optional foot end push handles, use caution if the foot extension/defibrillator tray, chartholder, and/or upright oxygen bottle holder is installed to avoid pinching your fingers.

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OPERATING THE PNEUMATIC FOWLER - NON-ELECTRIC

To raise the fowler, squeeze either or both of the yellow fowler handles (A) for pneumatic assist until the fowler has reached the desired angle (between 0 and 90 degrees) as shown in Figure 11.

To lower the fowler, squeeze either or both of the yellow fowler handles (A) and push down until the fowler has reached the desired angle (between 90 and 0 degrees) as shown in Figure 11.

The drop seat/lift assist fowler uses the weight of the patient for additional assistance with raising the fowler. It also helps keep the patient from sliding toward the foot end of the stretcher when the fowler is raised.

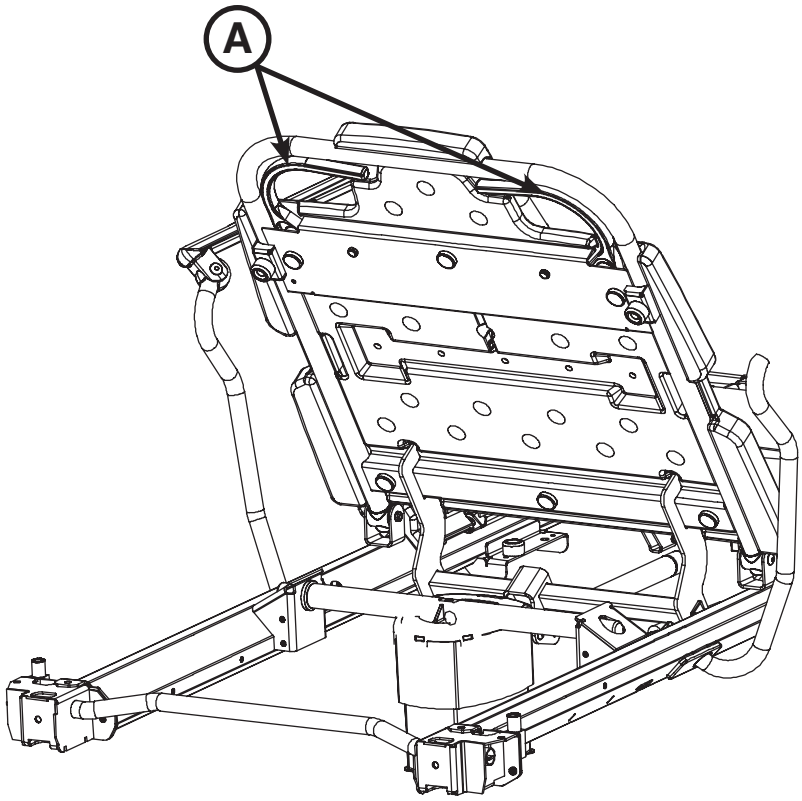

Figure 11: Pneumatic Fowler

WARNING

- Operation of the fowler is a manual procedure. Use caution when raising the fowler while a patient is on the stretcher. Use proper lifting techniques and get additional assistance, if necessary. Failure to use proper lifting techniques could cause injury to the operator.
- Keep hands/fingers clear of the area around the fowler release handle and the fowler frame when lowering the fowler. Injury could result if care is not taken when lowering the fowler.

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OPERATING THE FOWLER - OPTIONAL ELECTRIC LITTER

Ensure that the power cord is plugged into to a properly grounded, hospital grade wall outlet before using the optional electric litter.

To raise the fowler, press the UP (3) button on the patient siderail controls (A) or foot end nursing controls (B) until the fowler has reached the desired angle (between 0 and 70 degrees) as shown in Figure 12.

To lower the fowler, press the DOWN (4) button until the fowler has reached the desired angle (between 70 and 0 degrees) as shown in Figure 12.

The drop seat/lift assist fowler uses the weight of the patient for additional assistance with raising the fowler. It also helps keep the patient from sliding toward the foot end of the stretcher when the fowler is raised.

WARNING

- Keep hands/fingers clear of the area around the fowler release handle and the fowler frame when lowering the fowler. Injury could result if care is not taken when lowering the fowler.
- Powered stretcher mechanisms can cause serious injury. Operate stretcher only with persons clear of mechanisms.

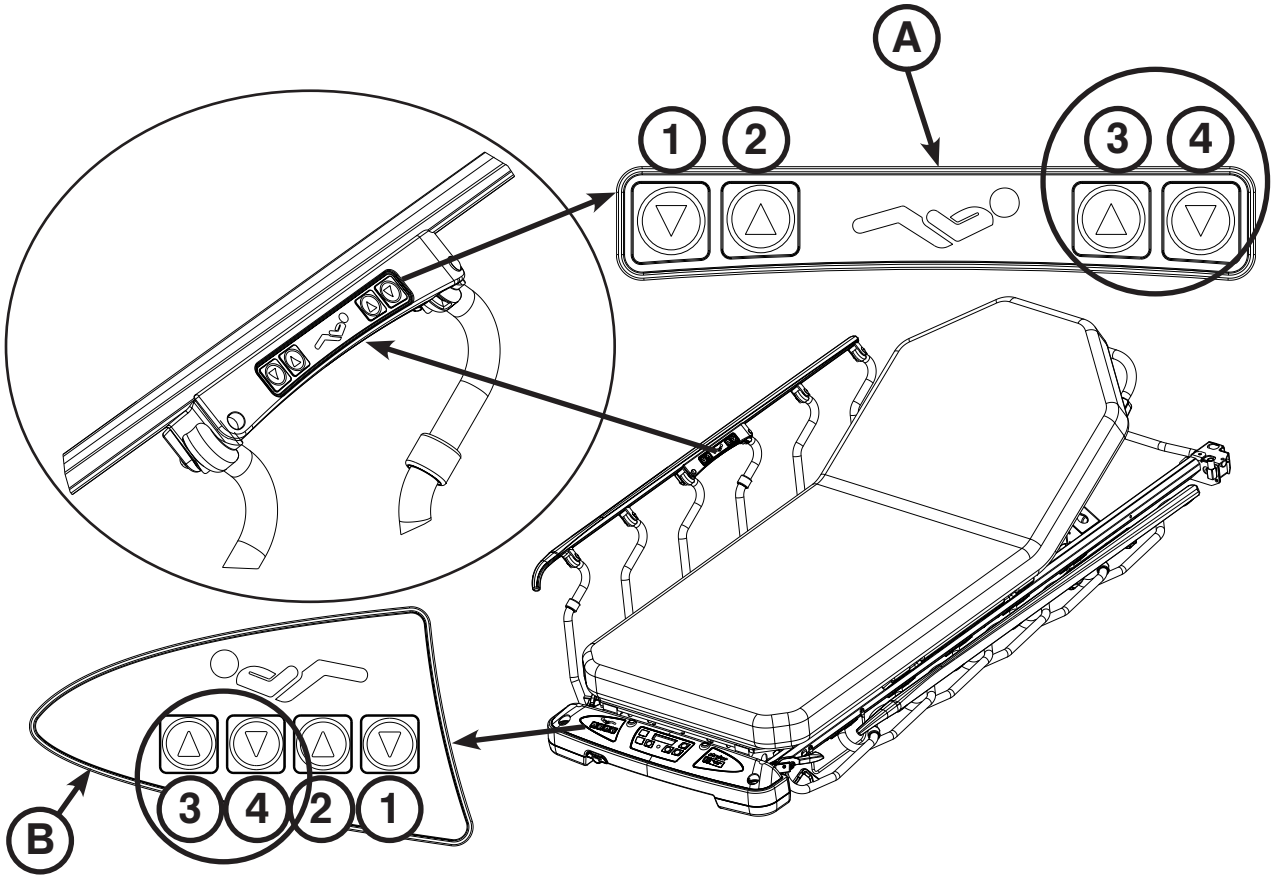

Figure 12: Fowler - Electric Option

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OPERATING THE OPTIONAL GATCH - NON-ELECTRIC

To raise the gatch, pump handle (B) repeatedly to the left until the gatch has reached the desired height (5.5”/14 cm minimum) as shown in Figure 13.1.

Note: You cannot raise the gatch manually if your unit is equipped with the optional electric litter.

To lower the gatch, pull handle (A) until the gatch has reached the desired height (5.5”/14 cm minimum) as shown in Figure 13.1.

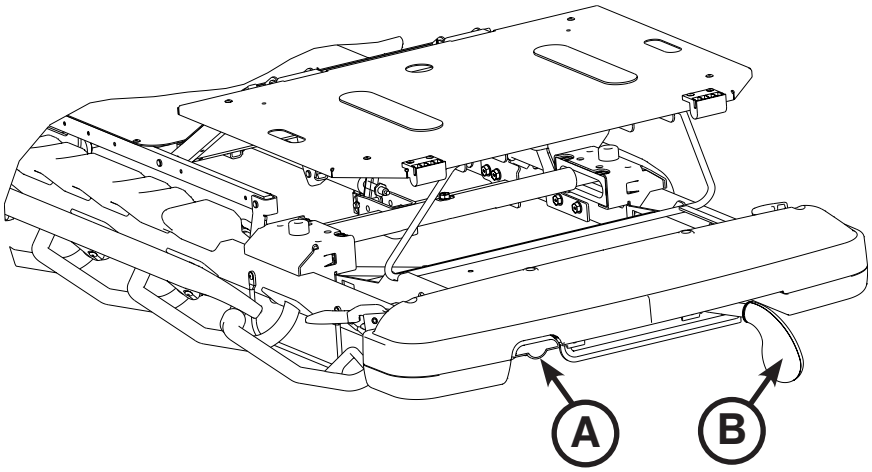

Figure 13.1: Gatch - Foot End

CAUTION

The weight capacity of the gatch is 200 lb. Do not sit or stand on the gatch. Injury or damage to the equipment could occur.

Gatch Label

To prop the foot end of the gatch up, lift up on the end of the gatch, allowing the prop rod to swing down and engage in the bracket as shown in Figure 13.2.

To release the prop, lift up on the end of the gatch, swing the prop rod toward the head end of the unit to disengage the bracket and lower the foot end as shown in Figure 13.2.

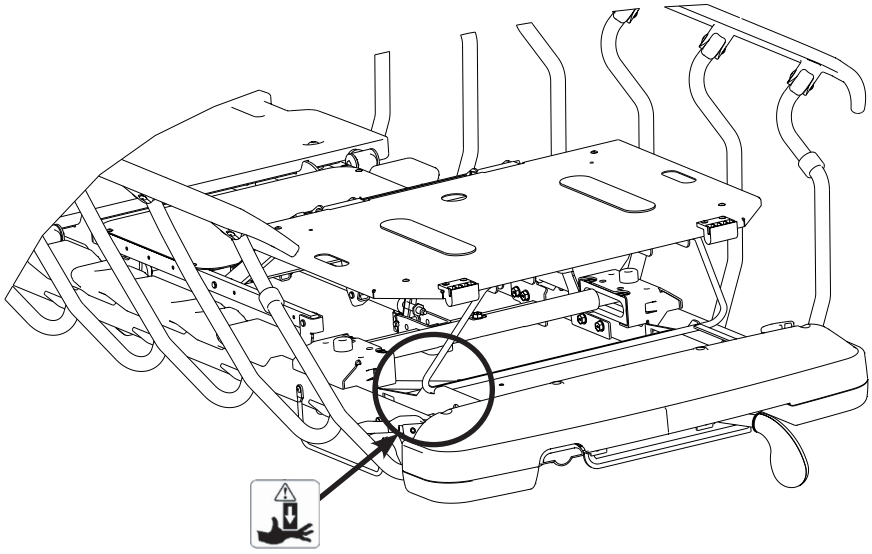

Figure 13.2: Gatch

WARNING

To avoid the risk of injury, ensure that the gatch prop rod is fully raised and securely placed into position (Figure 13.2).

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OPERATING THE GATCH - OPTIONAL ELECTRIC LITTER

Ensure that the power cord is plugged into to a properly grounded, hospital grade wall outlet before using the optional electric litter.

To raise the gatch, press the UP (2) button on the siderail patient controls (A) or foot end nursing controls (B) until the gatch has reached the desired height (5.5”/14 cm minimum) as shown in Figure 14.

To lower the gatch, press the DOWN (1) button until the gatch has reached the desired height (5.5”/14 cm minimum) as shown in Figure 14.

WARNING

Use caution when operating the gatch while a patient is on the stretcher. Powered stretcher mechanisms can cause serious injury. Operate stretcher only with persons clear of mechanisms.

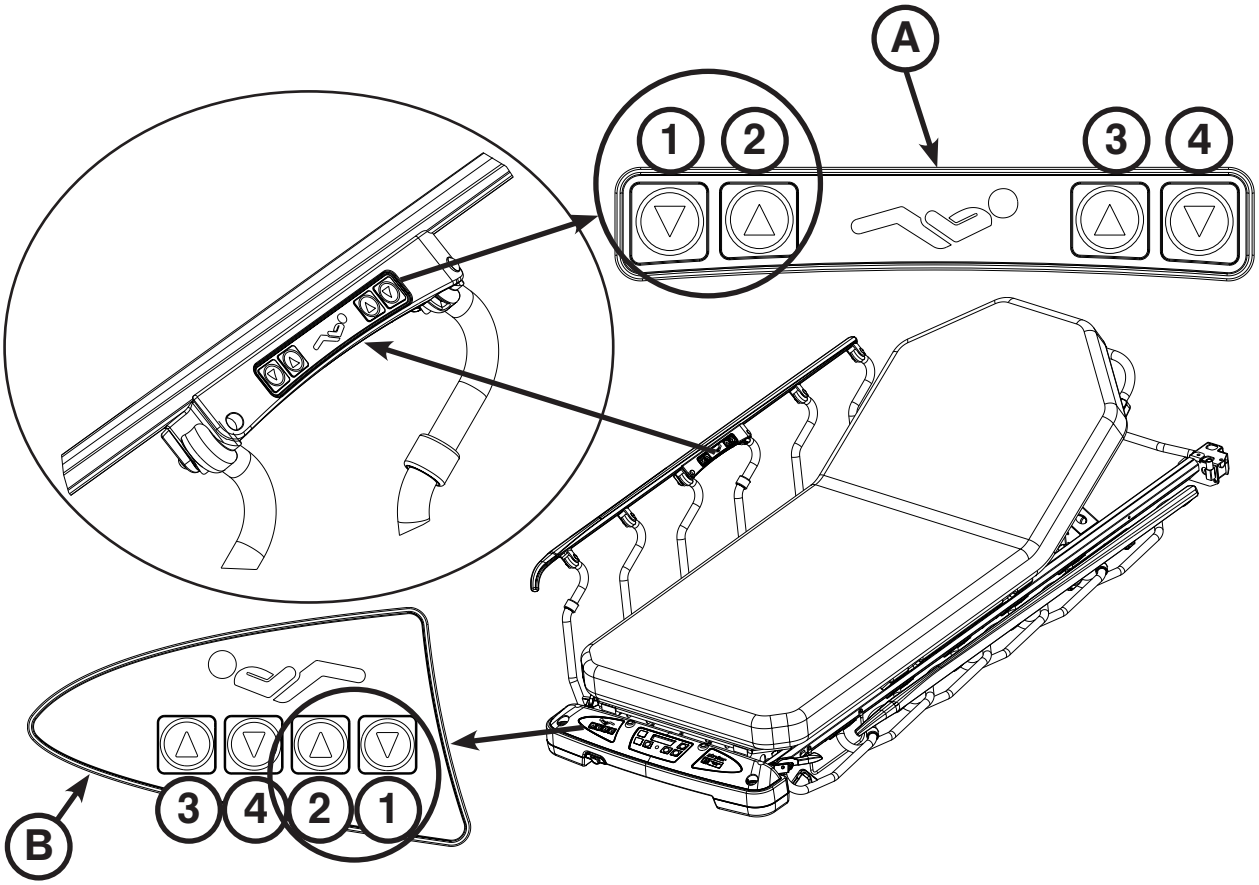

Figure 14: Gatch - Electric Option

CAUTION

The weight capacity of the gatch is 200 lb. Do not sit or stand on the gatch. Injury or damage to the equipment could occur.

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OPERATING THE RECOVERY CHAIR

CAUTION

To achieve recovery chair position, your stretcher must be equipped with the lift assist backrest and gatch options.

To place the stretcher into the recovery chair position as shown in Figure 15:

1. Raise the fowler to a seated position (for manual operation, see page 28; for the optional electric litter operation, see page 29).
2. Fully raise the gatch (for manual operation, see page 30; for the optional electric litter operation, see page 31).
3. Raise the stretcher to its highest height (for side control, see page 17; for three-sided controls, see page 18; for optional electric litter operation, see page 19.
4. Place the stretcher into the full reverse Trendelenburg position (see page 20).

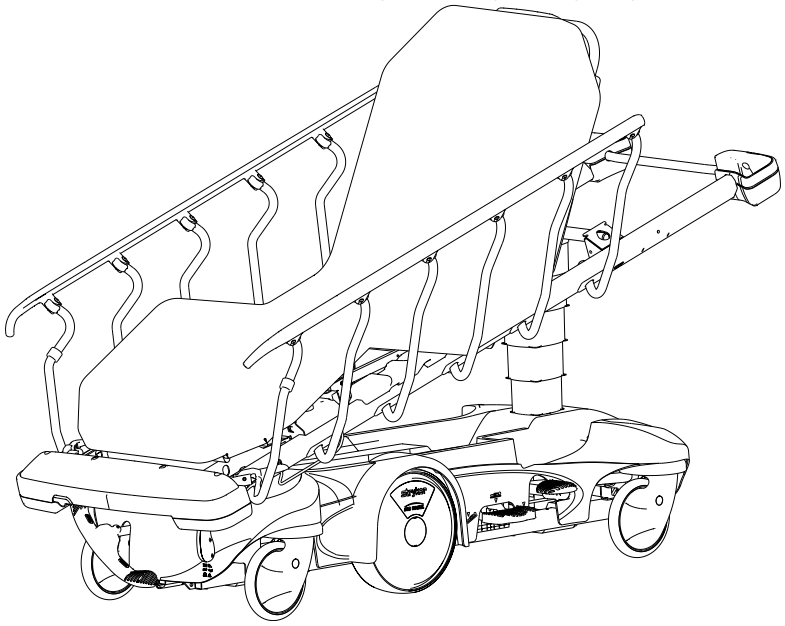

Figure 15: Recovery Chair

To lower the stretcher from the recovery chair position:

1. Raise the stretcher to its highest height (for side control, see page 17 for three-sided controls, see page 18; for optional electric litter operation, see page 19).
2. Lower the fowler from the seated position (for manual operation, see page 28; for the optional electric litter operation, see page 29).
3. Lower the gatch (for manual operation, see page 30; for the optional electric litter operation, see page 31).

WARNING

Use caution when operating the recovery chair while a patient is on the stretcher. Powered stretcher mechanisms can cause serious injury. Operate stretcher only with persons clear of mechanisms.

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USING THE BASE HOOD FOR STORAGE

You can store items in the base hood (A) as shown in Figure 16.

CAUTION

- The weight capacity of the base hood is 60 lb. Do not sit or stand on the base hood. Injury or damage to the equipment could occur.
- Do not step on the base hood.
- Do not use the cutout for the oxygen bottle holder on the base hood for the storage of oxygen bottles or patient belongings.

Note: Clean the base hood storage area regularly.

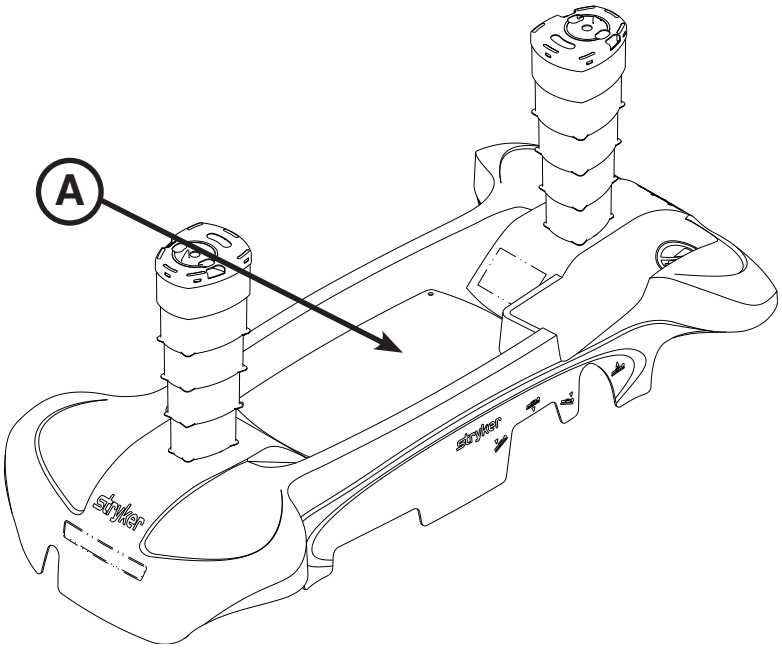

Figure 16: Base Hood Storage

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USING THE OPTIONAL PUMP RACK

WARNING

- To avoid patient injury or equipment damage, all lines from any equipment stored on the pump rack must be diverted away from the gatch handles.
- To avoid patient injury or equipment damage, do not lift the stretcher by the pump rack.
- To avoid equipment damage, remove any equipment from the pump rack that may be in the way before lowering the litter.
- To avoid equipment damage while transporting the stretcher, verify that any equipment on the pump rack can safely pass through door openings and under light fixtures.

CAUTION

- The weight capacity of the pump rack is 40 lb.
- Do not use the pump rack as a push/pull device, because equipment damage could occur.

Note: The pump rack is an option that may have been installed at the foot end of the stretcher. The choice was made at the time that the stretcher was purchased.

The pump rack (A) can be used for the storage and transportation of stretcher equipment as shown in Figure 17.

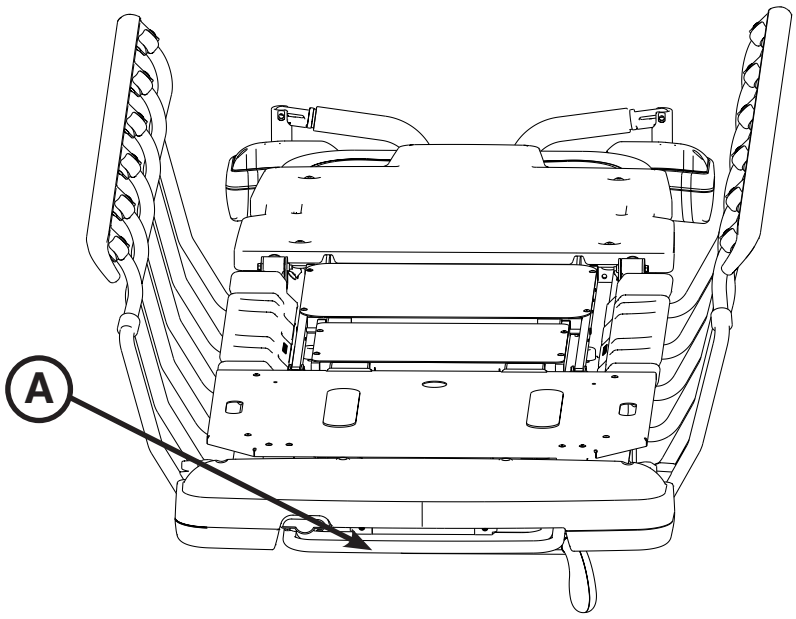

Figure 17: Pump Rack

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USING THE RETRACTABLE CORD REEL - OPTIONAL ELECTRIC LIFT/LITTER

The retractable cord reel (A) stores the stretcher power cord during transport as shown in Figure 18.

To use the retractable cord reel:

1. Pull the cord out of the reel to the desired length.
2. Plug the power cord into a properly grounded, hospital grade wall outlet.

To store the power cord:

1. Unplug the plug by grasping the mold near the outlet and pull the cord in a direction parallel to the floor (not at an angle).
2. Tug and release the cord to retract the cord back into the cord reel.

WARNING

If your unit is equipped with the optional electric lift/litter, unplug the power cord from the power outlet before transporting or cleaning the unit. To unplug, grasp the mold near the outlet and pull the cord in a direction parallel to the floor (not at an angle).

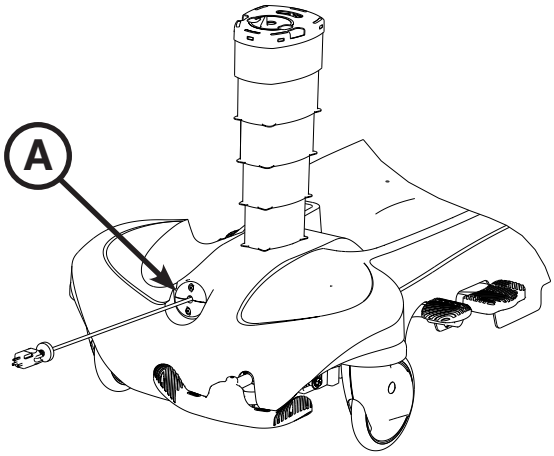

Figure 18: Optional Retractable Cord Reel

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OPERATING THE OPTIONAL SCALE SYSTEM

The scale option (see page 37) is available for units without the optional electric litter.

The scale option (see page 39) is available for units with the optional electric litter. The scale system has a battery backup option, so the standby icon indicates when the unit is unplugged and operating with battery backup.

The chaperone option (see page 41) is available for units with the optional electric litter scale option. The scale system with chaperone (stretcher exit) has a battery backup option, so the standby icon indicates when the unit is unplugged and operating with battery backup. The chaperone option also allows you to set zone controls to alert an operator when a patient may be attempting to exit the stretcher.

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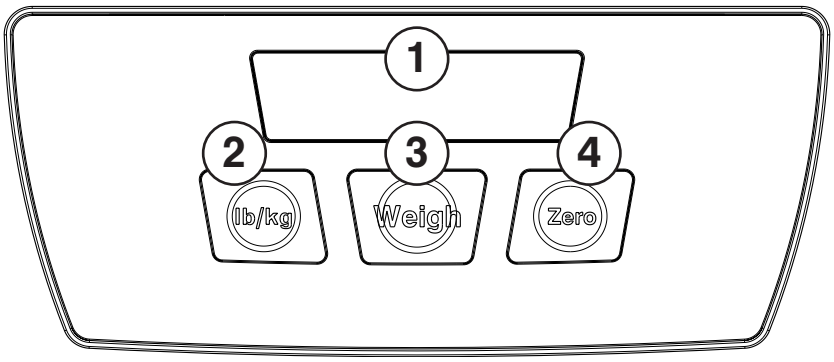
OPERATING THE OPTIONAL SCALE SYSTEM - NON-ELECTRIC LITTER



Ref	Icon/Button	Description	Action	Display
1		Displays patient weight, unit of measurement and battery status.		
2		Push to toggle between patient weight in pounds or weight in kilograms.	To convert the weight of the patient to kilograms, press and release **lb/kg**. Repeat to return to pounds.	XXX.X kg XXX.X lb
3		Push to weigh the patient. The display shows the patient's weight for approximately 40 seconds before turning off.	Press and release **Weigh**	_ _ _ _ XXX.X lb
4		Push and hold for 2 seconds to zero the scale system before putting a patient on the stretcher. If the display flashes "hold", press and hold the **Zero** button again until the display reads "rel" (release). Release the **Zero** button. The display flashes "000.0", then displays "000.0". The system is not zeroed until the "000.0" stops flashing. For the most accurate results, always zero the scale system before putting a new patient on the stretcher. The display shuts off after approximately 40 seconds.	Press and hold **Zero** Release **Zero**	hold rel 000.0 (flashing) 000.0 (solid)

Note: Do not touch the stretcher while the scale system is weighing or zeroing. The patient must remain still while the system is weighing. If the patient is moving, the system will try for 20 seconds to get a stable weight or zero value before displaying the error message 《TT》 .

If there is a loose connection or a malfunctioning component, the display will show "Err". Attempt the function again. If the malfunction is still present, the display shows "Err" again. Call Stryker technical support at 800-327-0770.

To meet the accuracy claim as stated in the product specification on page 9, the patient surface must be in the flat position (fowler and gatch down) and the stretcher cannot exceed 5 degrees of Trendelenburg/reverse Trendelenburg.

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REPLACING THE OPTIONAL SCALE SYSTEM BATTERIES - NON-ELECTRIC LITTER

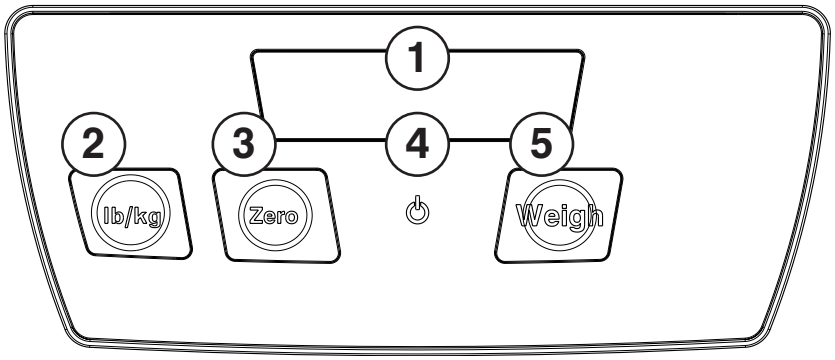
To avoid completely draining the batteries and having the optional scale system shut down, replace the batteries whenever only one of the charge indicator bars on the display (1) is black as shown on page 37.

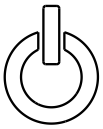
To replace the scale system batteries:

1. Remove the Phillips head screws that hold the battery compartment cover to the display assembly.
2. Replace all four AA batteries.
   - Install the positive and negative poles as indicated on the battery holder.
   - Use only Alkaline type (LR6) batteries.
   - Do not mix old and new batteries.
   - Properly dispose of the old batteries in accordance with local regulations.
3. Reinstall the screws and the cover.

If the display is flashing “Lo batt”, then the batteries are drained and the scale system is disabled. Replace the batteries with four new AA batteries as described above.

OPERATING THE OPTIONAL SCALE SYSTEM - ELECTRIC LITTER OPTION WITHOUT CHAPERONE



Ref	Icon/Button	Description	Action	Display
1		Displays patient weight, unit of measurement and battery status.		
2		Push to toggle between patient weight in pounds or weight in kilograms.	To convert the weight of the patient to kilograms, press and release **lb/kg**. Repeat to return to pounds.	XXX.X kg XXX.X lb
3		Push and hold for 2 seconds to zero the scale system before putting a patient on the stretcher. If the display flashes “hold”, press and hold the **Zero** button again until the display reads “rel” (release). Release the **Zero** button. The display flashes “000.0”, then displays “000.0”. The system is not zeroed until the “000.0” stops flashing. For the most accurate results, always zero the scale system before putting a new patient on the stretcher. The display shuts off after approximately 40 seconds.	Press and hold **Zero** Release **Zero**	hold rel 000.0 (flashing) 000.0 (solid)
4		When the scale system is unplugged and operating with battery backup, the standby indicator is amber. When the unit is plugged in, the standby indicator is green.		
5		Push to weigh the patient. The display shows the patient’s weight for approximately 40 seconds before turning off.	Press and release **Weigh**	_ _ _ _ XXX.X lb

Note: Do not touch the stretcher while the scale system is weighing or zeroing. The patient must remain still while the system is weighing. If the patient is moving, the system will try for 20 seconds to get a stable weight or zero value before displaying the error message 《TT》 .

If there is a loose connection or a malfunctioning component, the display will show “Err”. Attempt the function again. If the malfunction is still present, the display shows “Err” again. Call Stryker technical support at 800-327-0770.

To meet the accuracy claim as stated in the product specification on page 9, the patient surface must be in the flat position (fowler and gatch down) and the stretcher cannot exceed 5 degrees of Trendelenburg/reverse Trendelenburg.

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CHARGING THE OPTIONAL SCALE SYSTEM BATTERY PACK - ELECTRIC LITTER OPTION

To avoid completely draining the battery pack and having the optional scale system shut down, charge the battery pack whenever only one of the charge indicator bars on the display (1) is black as shown on page 39.

The battery pack charges whenever the power cord is plugged into a properly grounded, hospital grade power source. When the unit is stationary, you should plug the power cord into a power source whenever possible.

The optional scale system - electric litter option requires one 10.8V⎓ Li-Ion battery pack (0058-135-000). When fully discharged, the battery pack requires approximately 3 hours of charging time to recharge.

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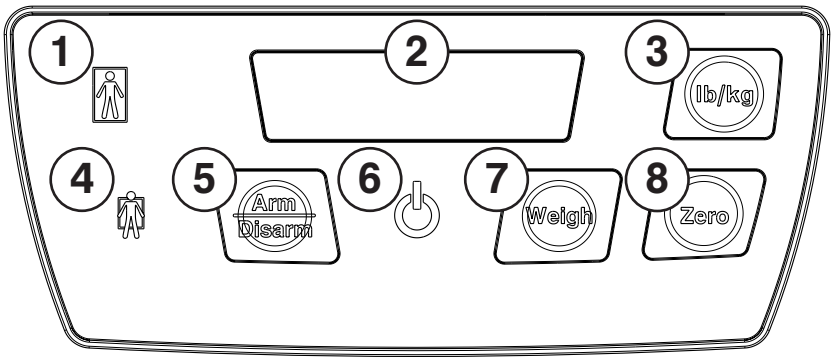
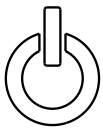
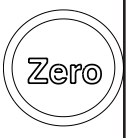
OPERATING THE OPTIONAL SCALE SYSTEM - ELECTRIC LITTER OPTION WITH CHAPERONE



Ref	Icon/ Button	Description	Action	Display
1		Indicates when Zone 1 is armed. Allows the patient to move around the stretcher freely, but cannot begin to exit the stretcher or the alert with sound.		
2		Displays patient weight, unit of measurement and battery status		
3		Push to toggle between patient weight in pounds or weight in kilograms	To convert the weight of the patient to kilograms, press and release **lb/kg**. Repeat to return to pounds.	XXX.X kg XXX.X lb
4		Indicates when Zone 2 is armed. Zone 2 is more restrictive than Zone 1. When this zone is selected, the stretcher measures the patient's center of gravity. If the patient's center of gravity moves outside the preset boundary, an alert will sound.		
5		Push once to arm Zone 1. Push twice to arm Zone 2. Once armed or when alerting, press once to disarm.	Press and release **Arm/Disarm**	On 1 On 2 Off
6		When the scale system is unplugged and operating with battery backup, the standby indicator is amber. When the unit is plugged in, the standby indicator is green.		
7		Push to weigh the patient. The display shows the patient's weight for approximately 40 seconds before turning off.	Press and release **Weigh**	_ _ _ _ XXX.X lb
8		Push and hold for 2 seconds to zero the scale system before putting a patient on the stretcher. If the display flashes "hold", press and hold the **Zero** button again until the display reads "rel" (release). Release the **Zero** button. The display flashes "000.0", then displays "000.0". The system is not zeroed until the "000.0" stops flashing. For the most accurate results, always zero the scale system before putting a new patient on the stretcher. The display shuts off after approximately 40 seconds.	Press and hold **Zero** Release **Zero**	hold rel 000.0 (flashing) 000.0 (solid)

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OPERATING THE OPTIONAL SCALE SYSTEM - ELECTRIC LITTER OPTION WITH CHAPERONE (CONTINUED)

Note: Do not touch the stretcher while the scale system is weighing or zeroing. The patient must remain still while the system is weighing. If the patient is moving, the system will try for 20 seconds to get a stable weight or zero value before displaying the error message ⟪⊤⊤⟫ .

If there is a loose connection or a malfunctioning component, the display will show “Err”. Attempt the function again. If the malfunction is still present, the display shows “Err” again. Call Stryker technical support at 800-327-0770.

To meet the accuracy claim as stated in the product specification on page 9, the patient surface must be in the flat position (fowler and gatch down) and the stretcher cannot exceed 5 degrees of Trendelenburg/reverse Trendelenburg.

OPERATING THE CHAPERONE (STRETCHER EXIT) OPTION

To use the chaperone with zone control option:

1. Press the **Zero** button to reset the scale system.
   Note: Before positioning the patient on the stretcher, the scale system must be zeroed for the chaperone function to operate properly.
2. Position the patient on the stretcher and press the **Arm**/**Disarm** button to activate the chaperone function. The “Zone 1” LED will turn on. The chaperone function with zone control automatically selects Zone 1.
3. To select Zone 2 instead, press the **Arm**/**Disarm** button twice within three seconds of each other. The “Zone 2” LED will turn on.

To deactivate the chaperone function, press the **Arm**/**Disarm** button. The selected Zone light will turn off.

CHARGING THE OPTIONAL SCALE SYSTEM BATTERY PACK - ELECTRIC LITTER OPTION WITH CHAPERONE

To avoid completely draining the battery pack and having the optional scale system shut down, charge the battery pack whenever only one of the charge indicator bars on the display (2) is black as shown on page 41.

The battery pack charges whenever the power cord is plugged into a properly grounded, hospital grade power source. When the unit is stationary, you should plug the power cord into a power source whenever possible.

The optional scale system - with chaperone option only requires one 10.8V⎓ Li-Ion battery pack (0058-134-000). When fully discharged, the battery pack requires approximately 3 hours of charging time to recharge.

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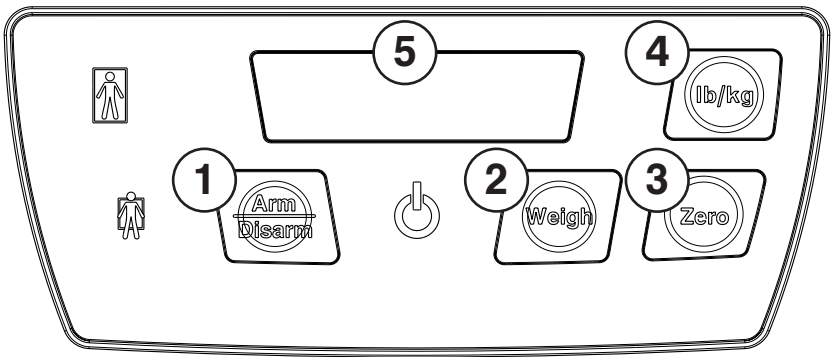
OPERATING THE CHAPERONE (STRETCHER EXIT) OPTION - OPTIONAL SETUP

You can change the pattern and volume of the alert.



To change the alert pattern:

1. Press and hold the **Arm**/**Disarm** (1) button and the **Weigh** (2) button together for 6 seconds. Ignore all display messages until “Ptrn” appears on the display (5).
2. Release both buttons. The display (5) shows the current setting “P (1-10)”.
3. Press the **Arm**/**Disarm** (1) or **Weigh** (2) button to change the setting. As you press each button to select your setting, a brief sample is played.
4. Press and hold the **Arm**/**Disarm** (1) button and the **Weigh** (2) button together for 6 seconds until “Set” appears on the display (5) to save your selected setting.
5. Release both buttons. The display (5) shows “P (1-10)”. A brief sample of your selected pattern will confirm your sound setting.

To change the alert volume:

1. Press and hold the **Zero** (3) button and the **lb**/**kg** (4) button together for 6 seconds. Ignore all display messages until “UOL” appears on the display (5).
2. Release both buttons. The display (5) shows the current setting “L (1-4)”.
3. Press the **Zero** (3) button or **lb**/**kg** (4) button to change the setting. As you press each button to select your setting, a brief sample is played.
4. Press and hold the **Zero** (3) button and the **lb**/**kg** (4) button together for 6 seconds until “Set” appears on the display (5) to save your selected setting.
5. Release both buttons. The display (5) shows “L (1-4)”. A brief sample of your selected volume will confirm your sound setting.

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Optional Accessories

The accessories listed below can be purchased and installed on the Model 1105 Stretcher.

Accessory	Part Number	Page
Defibrillator Tray	1105-045-200	page 45
Defibrillator Tray/Foot Extender/Chart Service	1105-045-400	page 45
Footboard/Chartholder	1105-045-500	page 46
I.V. Caddy	0785-155-000	page 46
I.V. Pole, Removable	0390-025-000	page 49
I.V. Pole, 2-Stage, Head End, Left, 26”	1105-035-638	page 47
I.V. Pole, 2-Stage, Head End, Right, 26”	1105-035-641	page 47
I.V. Pole, 2-Stage, Foot End, Left, 26”	1105-035-640	page 47
I.V. Pole, 2-Stage, Foot End, Right, 26”	1105-035-643	page 47
I.V. Pole, 2-Stage, Head End, Left, 30”	1105-035-338	page 47
I.V. Pole, 2-Stage, Head End, Right, 30”	1105-035-341	page 47
I.V. Pole, 2-Stage, Foot End, Left, 30”	1105-035-340	page 47
I.V. Pole, 2-Stage, Foot End, Right, 30”	1105-035-343	page 47
I.V. Pole, 3-Stage, Head End, Left, 26”	1105-035-642	page 48
I.V. Pole, 3-Stage, Head End, Right, 26”	1105-035-637	page 48
I.V. Pole, 3-Stage, Foot End, Left, 26”	1105-035-644	page 48
I.V. Pole, 3-Stage, Foot End, Right, 26”	1105-035-639	page 48
I.V. Pole, 3-Stage, Head End, Left, 30”	1105-035-342	page 48
I.V. Pole, 3-Stage, Head End, Right, 30”	1105-035-337	page 48
I.V. Pole, 3-Stage, Foot End, Left, 30”	1105-035-344	page 48
I.V. Pole, 3-Stage, Foot End, Right, 30”	1105-035-339	page 48
Oxygen Bottle Holder	1115-030-000	page 50
Restraints, Ankle	0946-043-000	page 51
Restraints, Body/Chest	0390-019-000	
Restraints, Wrist	0946-044-000	
Restraints, Full Strap Package	1010-077-000	
Serving/Instrument Tray	1105-045-700	page 50
Serving Tray Holder/Footboard	1105-045-800	page 50
Siderail Pads	1010-052-000	page 49

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USING THE DEFIBRILLATOR TRAY

To install the defibrillator tray, insert the pins on the defibrillator tray into the footboard sockets at the foot end of the stretcher as shown in Figure 19.1. Use the strap to secure the equipment to the tray.

CAUTION

- To avoid damage, do not put items weighing more than 30 lb on the defibrillator tray.
- Do not use the defibrillator tray as a push/pull device because equipment damage could occur.

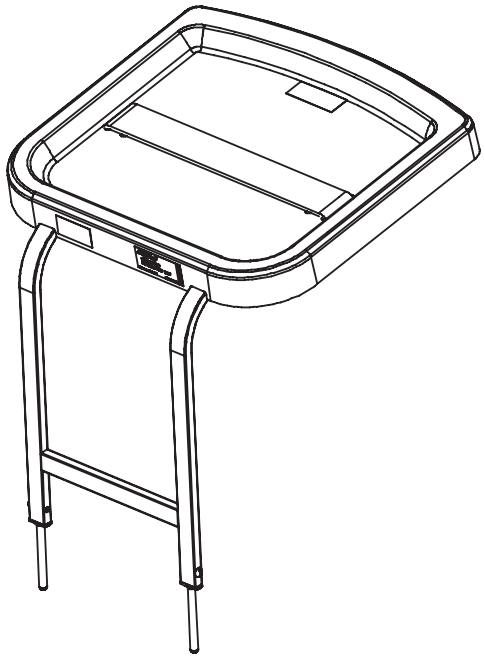

Figure 19.1: Defibrillator Tray

USING THE FOOT EXTENSION/DEFIBRILLATOR TRAY

To use as a defibrillator tray, pull out the top knob (A) and pivot the tray (B) over the foot extension (C) until the tray extends flat over the foot end of the stretcher as shown in Figure 19.2.

To use as a foot extension, pull out knob (A) and pivot the defibrillator tray back until it locks against the foot extension (C). While holding onto the assembly, pull out the bottom knob (D) and lower the foot extension down until it is flat as shown in Figure 19.2.

CAUTION

- If the stretcher is equipped with the optional foot end I.V. pole, the I.V. pole must be in the raised position when the foot extension/ defibrillator tray is installed. If the I.V. pole is not raised, the foot extension will not function properly and injury could occur.
- If the stretcher is equipped with the optional foot end push handles, use caution if the foot extension/defibrillator tray, chartholder, and/ or upright oxygen bottle holder is installed to avoid pinching your fingers.
- To avoid damage, do not put items weighing more than 30 lb on the foot extender/ defibrillator tray.
- Do not use the foot extension/defibrillator tray as a push/pull device because equipment damage could occur.

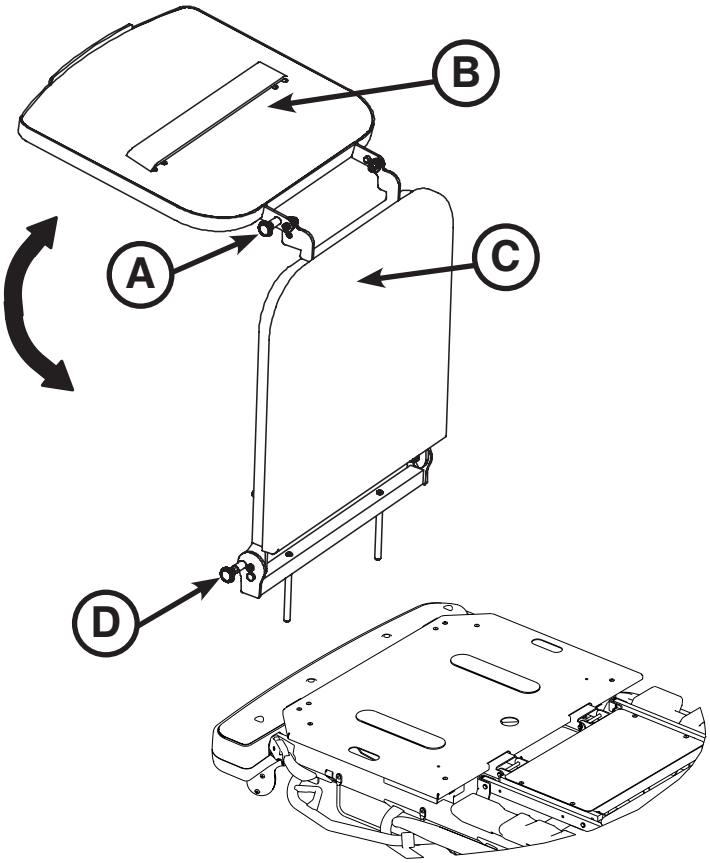

Figure 19.2: Foot Extension/ Defibrillator Tray - Foot End

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USING THE FOOTBOARD/CHARTHOLDER

To use the footboard/chartholder, insert the footboard/chartholder supports (A) into the corresponding holes located at the foot end of the stretcher.

CAUTION

- Do not use the footboard/chartholder as a push/pull device because equipment damage could occur.
- If the stretcher is equipped with the optional foot end push handles, use caution if the foot extension/defibrillator tray, chartholder, and/or upright oxygen bottle holder is installed to avoid pinching your fingers.

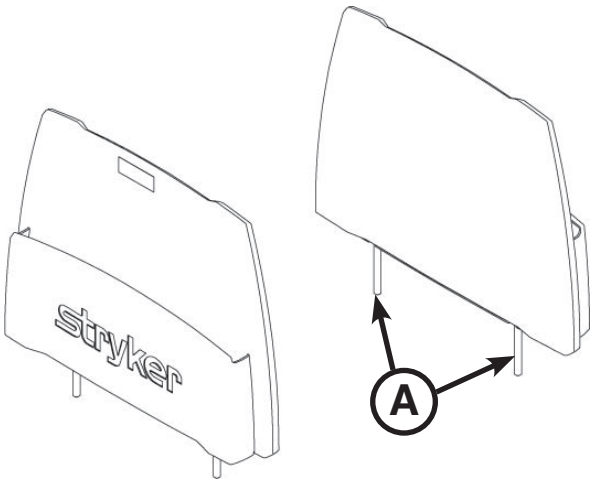

Figure 20.1: Footboard/Chartholder

USING THE I.V. CADDY

To use the I.V. caddy:

1. Lift the I.V. caddy out of the storage tray or from the storage clip. Pivot the I.V. caddy to the desired position.
2. Turn knob (A) counterclockwise to loosen the pole clamp (C).
3. Pivot the knob (A) away from the clamp (B). The clamp (C) may then be opened.
4. Place the I.V. pole into the clamp (B). Close the clamp (C) around the I.V. pole and pivot the knob (A) back into position.
5. Turn the knob (A) clockwise to tighten it. The I.V. pole is ready to be transported with the unit.

To remove the I.V. pole from the I.V. caddy:

1. Turn knob (A) counterclockwise to loosen the pole clamp.
2. Pivot the knob away from the clamp (B), open the clamp and remove the I.V. pole from the I.V. caddy.

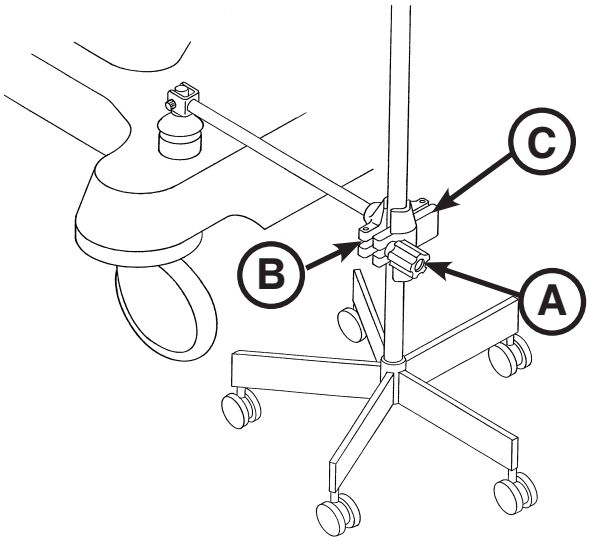

Figure 20.2: I.V. Caddy

CAUTION

Always store the I.V. caddy when not in use to avoid damaging it when the unit is moved.

WARNING

To avoid the risk of injury to the patient or user or damage to the I.V. pole while transporting the stretcher, make sure that the I.V. caddy is securely tightened on the I.V. pole.

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OPERATING THE TWO-STAGE PERMANENTLY ATTACHED I.V. POLE

Note: The two-stage permanently attached I.V. pole is an option and may have been installed at either the head, foot or both ends of the stretcher. The choice was made at the time that the stretcher was purchased.

To use the two-stage permanently attached I.V. pole:

1. Lift and pivot the pole from the storage position and push down until it is locked into the receptacle.
2. To raise the height of the pole, pull up on the telescoping portion (A) until it locks into place at its fully raised position.
3. Rotate the I.V. hangers (B) to desired position and hang the I.V. bags.
4. To lower the I.V. pole, turn the latch (C) until section (A) lowers.

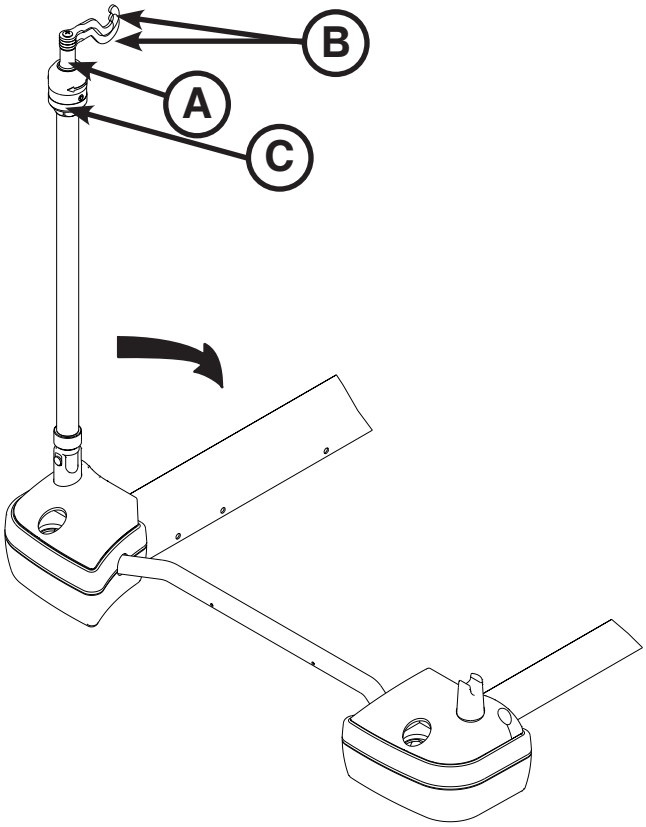

Figure 21.1: I.V. Pole

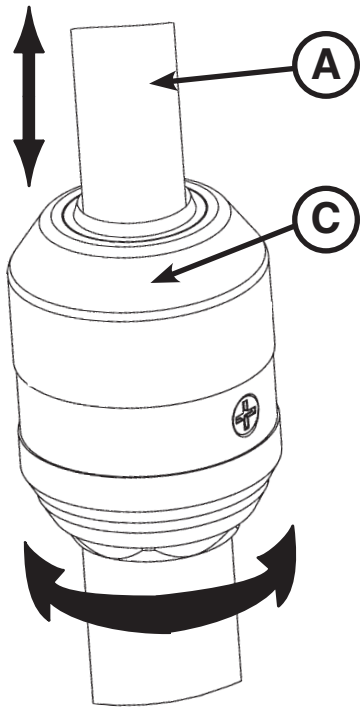

Figure 21.2: I.V. Pole Latch Detail

CAUTION

- To avoid damage, the safe working load of the two-stage permanently attached I.V. pole is 40 lb.
- To avoid damage while transporting the stretcher, verify that the I.V. pole is at a low enough height to allow it to safely pass through door openings and under light fixtures.
- Do not use the I.V. pole as a push/pull device because equipment damage could occur.

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OPERATING THE THREE-STAGE PERMANENTLY ATTACHED I.V. POLE

Note: The three-stage permanently attached I.V. pole is an option and may have been installed at either the head, foot or both ends of the stretcher. The choice was made at the time that the stretcher was purchased.

To use the three-stage permanently attached I.V. pole:

1. Lift and pivot the pole from the storage position and push down until it is locked into the receptacle.
2. To raise the height of the pole, pull up on the telescoping portion (A) until it locks into place at its fully raised position.
3. For a higher I.V. pole, pull up on section (B). Release section (B) at any desired height and it will lock into place.
4. Rotate the I.V. hangers (C) to the desired position and hang the I.V. bags.
5. To lower the I.V. pole, push up on the red portion of grip (D) while holding onto section (B) until it lowers. Turn latch (E) until section (A) lowers.

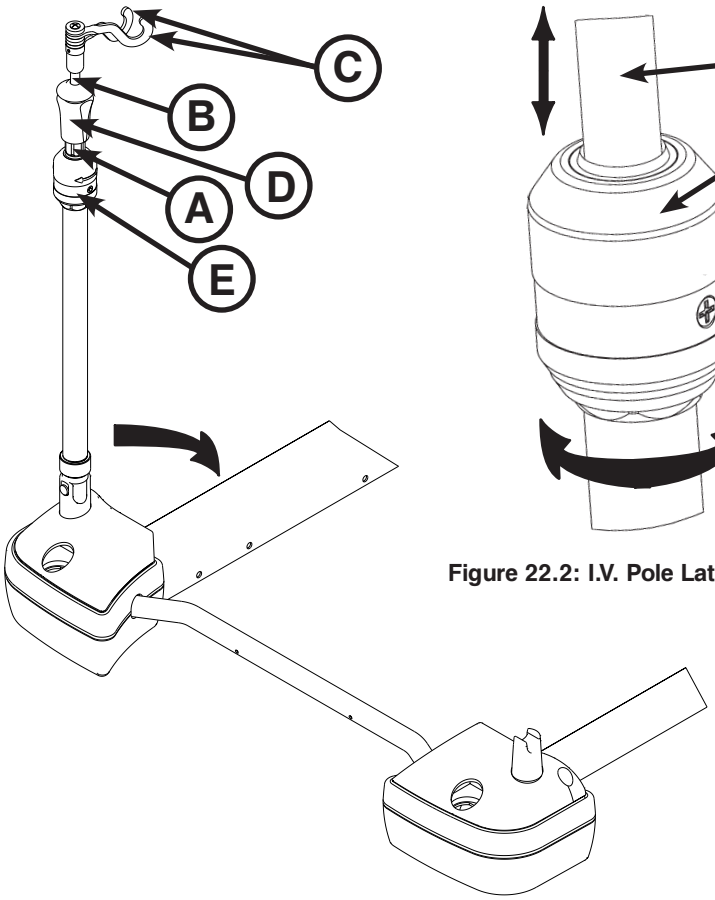

Figure 22.1: I.V. Pole

Figure 22.2: I.V. Pole Latch Detail

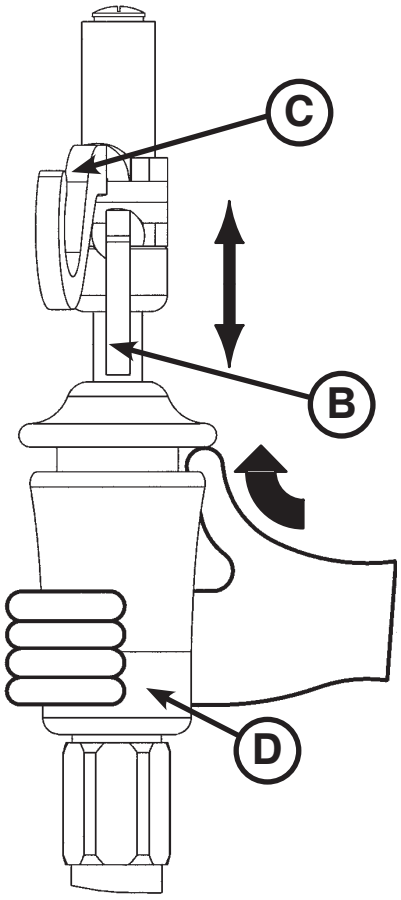

Figure 22.3: I.V. Pole Grip Detail

CAUTION

- To avoid damage, the weight of the I.V. bags should not exceed 12 lb while the weight of any one item attached to each stage of the three-stage permanently attached I.V. pole should not exceed 9.3 lb.
- To avoid damage while transporting the stretcher, verify that the I.V. pole is at a low enough height to allow it to safely pass through door openings and under light fixtures.
- Do not use the I.V. pole as a push/pull device because equipment damage could occur.

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OPERATING THE REMOVABLE I.V. POLE

To use the removable I.V. pole:

1. Remove the I.V. pole from the storage trough under the litter and insert into the receptacle on the corner of the litter frame.
2. To raise the height of the pole, turn the knob (B) counterclockwise and pull up on the telescoping portion (A) of the pole to raise it to the desired height.
3. Turn the knob (B) clockwise to lock the telescoping portion in place.

CAUTION

- To avoid damage, the weight of the I.V. bags should not exceed 40 lb.
- To avoid damage while transporting the stretcher, verify that the I.V. pole is at a low enough height to allow it to safely pass through door openings and under light fixtures.
- Do not use the I.V. pole as a push/pull device because equipment damage could occur.

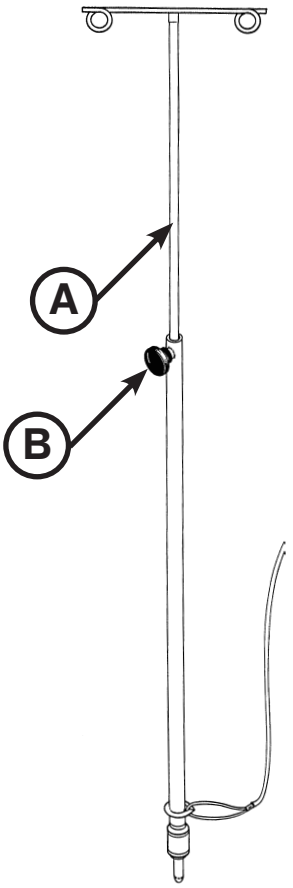

Figure 23.1: Removable I.V. Pole

INSTALLING THE SIDERAIL PADS

To install and use the siderail pads, tuck the siderail pad between the mattress and siderail. Then, attach the Velcro® straps around the top of the siderail to secure the pad to the siderail.

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USING THE UPRIGHT OXYGEN BOTTLE HOLDER

To install the upright oxygen bottle holder, insert the support bar (A) into the I.V. socket at any of the four litter corners. Insert the cotter pin (B) through the hole in the support bar to hold the bottle holder in place as shown in Figure 24.1.

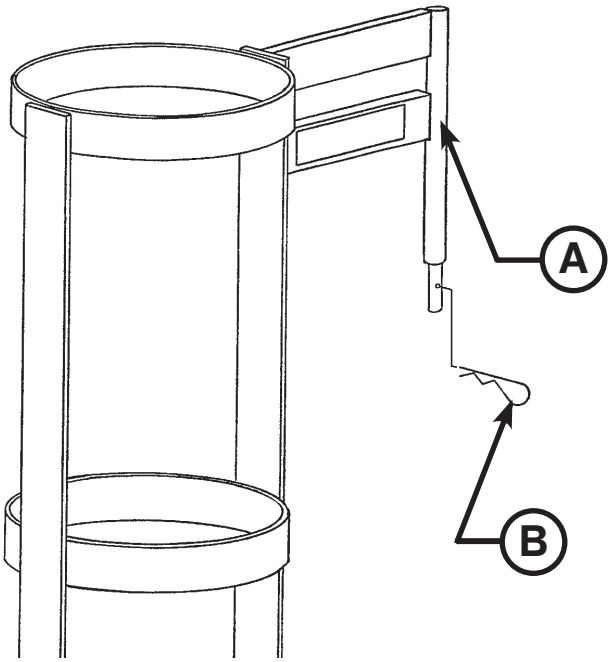

Figure 24.1: Upright Oxygen Bottle Holder

CAUTION

- To avoid damage, do not put items weighing more than 40 lb in the upright oxygen bottle holder.
- Do not use the upright oxygen bottle holder as a push/pull device because equipment damage could occur.
- If the stretcher is equipped with the optional foot end push handles, use caution if the foot extension/defibrillator tray, chartholder, and/or upright oxygen bottle holder is installed to avoid pinching your fingers.

USING THE SERVING TRAY

To use the serving tray, pull out on either end of the serving tray to extend it to the proper width to fit on top of the stretcher siderails as shown in Figure 24.2.

To store the serving tray in the optional serving tray holder/foot board, push in both ends of the serving tray and slide it into holder as shown in Figure 24.3.

CAUTION

- To avoid damage, do not put items weighing more than 30 lb on the serving tray.
- Do not use the serving tray holder/foot board as a push/pull device because equipment damage could occur.

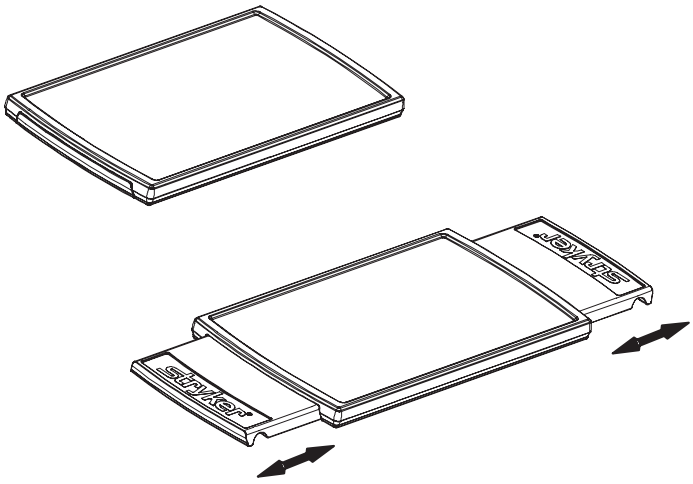

Figure 24.2: Serving Tray

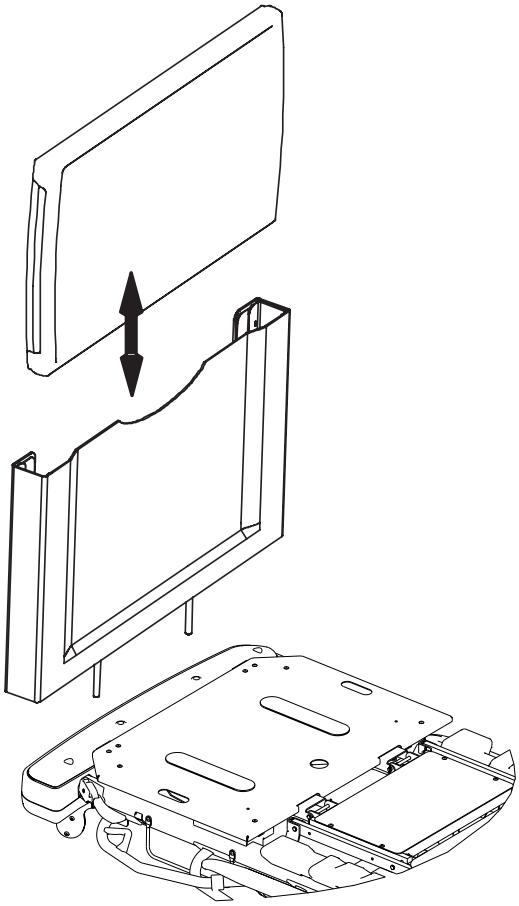

Figure 24.3: Serving Tray - Foot End

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USING THE RESTRAINT STRAPS

This unit allows the use of ankle, chest, wrist, and body restraints. See Figure 25 for restraint strap attachment points. Do not attach restraints straps to the siderail. Stryker makes no recommendation for the use of restraints.

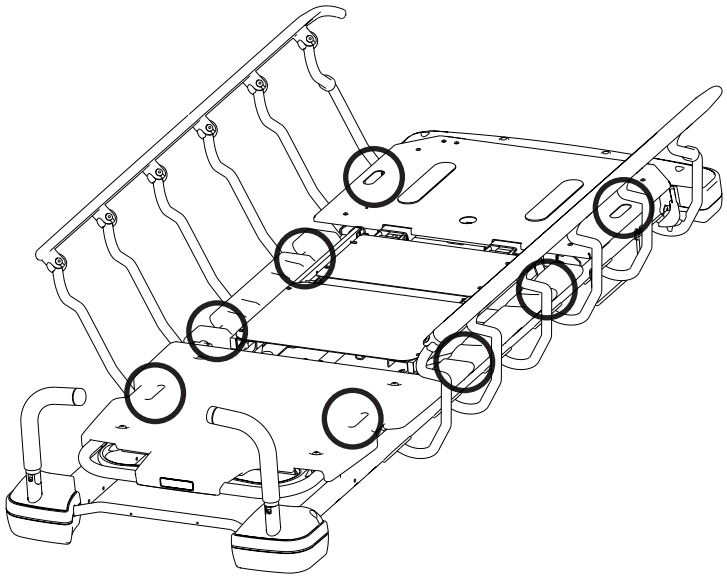

Figure 25: Restraint Strap Locations

WARNING

- Physical restraints, even if properly secured, may result in serious harm to patients and caregivers. The use of restraint straps may potentially cause entanglement, entrapment, physical injury, and/or death. Caution must be used in affixing restraint straps to avoid potential injury to both patients and caregivers.
- Restraint straps and/or devices must be attached only at the identified attachment points of the unit. Failure to do so may result in patient or caregiver injury. Do not attach restraints straps to the siderail.
- This unit accommodates the use of ankle, chest, wrist, and body restraints. The use of restraint straps is regulated by state and federal restrictions. Users, caregivers, and/or practitioners should refer to the applicable state and federal restrictions and the appropriate facility protocols before using any restraint strap and/or device.

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STRETCHER CLEANING

WARNING

- If your unit is equipped with the optional electric lift/litter, unplug the power cord from the power outlet before transporting or cleaning the unit. To unplug, grasp the mold near the outlet and pull the cord in a direction parallel to the floor (not at an angle).
- Do not steam clean the unit.

These instructions are intended to provide recommended cleaning methods for Model 1105 Prime Series Stretchers.

These units are designed to be power–washable. The unit may show some signs of oxidation or discoloration from continuous washing. However, no degradation of the stretcher's performance characteristics or functionality will occur due to power washing as long as the proper procedures are followed.

RECOMMENDED CLEANING METHOD

- Follow the cleaning solution manufacturer's dilution recommendations exactly.
- Stryker Medical recommends the standard hospital surgical cart washer for power washing.
- Do not replace the mattress on the stretcher until the unit is completely dry.

RECOMMENDED CART WASHING CLEANING METHOD

Stryker Medical recommends using a standard hospital surgical cart washer to power wash the stretcher a maximum of once per year for the life of the unit.

To clean the unit with a cart washer:

1. Remove the mattress prior to washing the unit; do not wash the mattress with the stretcher.
2. Position the fowler at 45 degrees, position the gatch to the full down position, place the unit in full reverse Trendelenburg (foot end down), raise the siderails, and place the I.V. poles and push handles in the up position.
3. Clean the unit with a maximum water temperature of 180 ^{0}F (82 ^{0}C), maximum air dry temperature (cart washers) is 200 ^{0}F (93 ^{0}C) for 8 minutes, and maximum water pressure – 1500 psi/103.5 bar.

Note: If a handheld wand is being used to wash the unit, the pressure nozzle must be kept a minimum of 24 inches/.61m from the unit. In addition, the same water temperatures and stretcher configurations apply as the cart washer.

CAUTION

Before returning the unit to service after cleaning, ensure that the unit is functioning properly by verifying that all labels are intact, raise/lower the stretcher height, brake/steer pedal locks properly in both positions, latch/unlatch the siderails, raise/lower the fowler and gatch, and check all components for proper lubrication.

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STRETCHER CLEANING (CONTINUED)

RECOMMENDED CLEANERS

Suggested cleaners for stretcher surfaces:
Quaternary Cleaners (active ingredient - ammonium chloride).
Phenolic Cleaners (active ingredient - o-phenylphenol).
Chlorinated Bleach Solution (5.25% - less than 1 part bleach to 100 parts water).

Avoid over saturation and ensure that the product does not stay wet longer than recommended by the chemical manufacturer's guidelines for proper disinfecting.

CAUTION

Some cleaning products are corrosive in nature and may cause damage to the product if used improperly. If the products suggested above are used to clean Stryker patient handling equipment, measures must be taken to ensure that the stretcher is wiped with a damp cloth soaked in clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the stretcher will leave a corrosive residue on the surface of the stretcher, possibly causing premature corrosion of critical components. Failure to follow the above directions when using these types of cleaners may void this product's warranty.

Stretchers must have maintenance performed after a minimum of every fifth washing. See the maintenance manual for specific lubrication instructions.

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

MATTRESS CLEANING

These instructions are intended to provide recommended cleaning methods for stretcher mattresses.

RECOMMENDED CLEANING METHOD

- Hand-wash all surfaces of the mattress with warm water and mild detergent cleaner.
- Dry thoroughly.
- Apply disinfectant solution either by spray, solution or pre-impregnated wipes (do not soak mattress).
- Clean per hospital protocol for mattresses.
- Wipe up excess disinfectant.
- Rinse with clean water.
- Allow surface to dry.

RECOMMENDED DISINFECTANTS

IMPORTANT: DILUTE ALL DISINFECTANTS IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS

When used in concentrations recommended by the manufacturer, diluted bleach, diluted phenolic, or diluted quaternary germicidal disinfectants are recommended. Chlorine Bleach, typically 5.25% Sodium Hypochlorite, should be used at a dilution ratio of 1 part bleach to 100 parts water.

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MATTRESS CLEANING (CONTINUED)

RINSE-OFF CORROSIVE CLEANERS

These products are NOT considered mild detergents. They are corrosive in nature and may cause damage to your stretcher mattress if used improperly. Mattresses must be rinsed with clean water and dried thoroughly after using corrosives such as quaternary, phenolic, or chlorine bleach. Failure to properly rinse and dry the mattress leaves a corrosive residue on the surface, likely causing premature corrosion.

Iodophor type disinfectants are not recommended for use because staining may result.

The following table lists the recommended cleaner types for each mattress cover material (see definitions below):

	Vinyl Mattress Cover	**Polyurethane Mattress Cover**
Recommended	Phenolics	Quaternary, Quat/Isopropyl
Acceptable	Quaternary, Chlorine Bleach (1:100)	Chlorine Bleach (1:100)
Not Recommended	Quat/Isopropyl	Phenolics

Quaternary Cleaners: identified by ingredients containing the phrase "…yl ammonium chloride"
Quat/Isopropyl Cleaners: identified by a quaternary ingredient above plus isopropyl alcohol
Phenolic Cleaners: identified by ingredients containing the suffix "-phenol"
Chlorine Bleach: known generically as "Sodium Hypochlorite"

SPECIAL INSTRUCTIONS

Velcro	To clean and disinfect, saturate with disinfectant, rinse with water, and allow it to evaporate.
Soils or Stains	Use neutral soaps and warm water. Do not use harsh cleansers, solvents or abrasive cleaners.
Hard-To-Clean Spots	Use standard household/vinyl cleansers and a soft bristle brush on troublesome spots or stains. Pre-soak heavy, dried-on soil.
Laundering	**Laundering is NOT RECOMMENDED**. Laundering may substantially decrease the useful life of the mattress.

DO **NOT** STEAM CLEAN, PRESSURE WASH, HOSE OFF OR ULTRASONICALLY CLEAN MATTRESSES.
Using these methods of cleaning are not recommended and may void this product's warranty.

REMOVAL OF IODINE STAINS

1. Make a solution of 1–2 tablespoons Sodium Thiosulfate in a pint of warm water and use it to wipe the stained area. Clean the stain as soon as possible after it occurs. If stains are not immediately removed, allow solution to soak or stand on the surface before wiping.
2. Rinse surfaces which have been exposed to the solution with clear water before returning mattress to service.

Note: Failure to follow the above directions when using these types of cleaners may void this product's warranty.

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Preventative Maintenance

Preventative maintenance should be performed at a minimum of annually. A preventative maintenance program should be established for all Stryker Medical equipment. Preventative maintenance may need to be performed more frequently based on the usage level of the product.

CHECKLIST

_____ All fasteners secure
_____ Siderails move and latch properly
_____ All casters lock with brake pedal engaged
_____ All casters secure and swivel properly
_____ Inspect each caster and remove any wax or debris which may have collected on the caster or braking mechanism
_____ Steer function working properly
_____ Fowler operates and latches properly
_____ Gatch operating properly (Optional equipment)
_____ Trendelenburg/Reverse Trendelenburg operates properly
_____ Ground chain intact
_____ No leaks at hydraulic connections
_____ Hydraulic jacks holding properly
_____ Hydraulic oil level sufficient
_____ Lubricate where required
_____ Body restraints work properly
_____ I.V. pole intact and operates properly
_____ Oxygen bottle holder intact and operates properly
_____ No rips or cracks in mattress cover
_____ Accessories and mounting hardware in good condition and working properly
_____ Confirm battery powered functionality (Optional equipment)
_____ No cables worn or pinched (Optional equipment)
_____ Power cord and plug are free of damage (Optional equipment)
_____ All electrical connections tight (Optional equipment)
_____ All grounds secure to the frame (Optional equipment)
_____ Ground impedance not more than 200 mΩ (milliohms) (Optional equipment)
_____ Current leakage not more than 300 µA (microamps) (per UL 60601-1) (Optional equipment)
_____ Batteries sufficiently charged (Optional scale system)
_____ Display housing intact and not damaged (Optional scale system)
_____ Load cells intact and not damaged (Optional scale system)
_____ Scale calibrated properly. Recalibrate, if necessary (Optional scale system)

Product Serial Number:		

Completed by: _____ Date: _____

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OPTIONAL ELECTRIC LIFT/LITTER AND OPTIONAL SCALE SYSTEM

Guidance and Manufacturer's declaration - Electromagnetic Immunity			
The Optional Electric Lift/Litter and Optional Scale System is suitable for use in the electromagnetic environment specified below. The customer or the user of the Optional Electric Lift/Litter and Optional Scale System should ensure that it is used in such an environment.			
Immunity Test	**IEC 60601 Test Level**	**Compliance Level**	**Electromagnetic Environment Guidance**
Electrostatic Discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 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%.
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 *	+8 kV differential mode +2 kV common mode	+8 kV differential mode +2 kV common mode	Main power quality is that of typical commercial and/or hospital environment.
Voltage dips, voltage variations and short interruptions on power supply input lines IEC 61000-4-11 *	<5%Ut (>95% dip in Ut) for 0,5 cycle 40%Ut (60% dip in Ut) for 5 cycles 70%Ut (30% dip in Ut) for 25 cycles. <5% Ut (>95% dip in Ut) for 5 sec.	<5%Ut (>95% dip in Ut) for 0,5 cycle 40%Ut (60% dip in Ut) for 5 cycles 70%Ut (30% dip in Ut) for 25 cycles. <5% Ut (>95% dip in Ut) for 5 sec.	Main power quality should be that of a typical commercial and/or hospital environment. If the user of the Optional Electric Lift/Litter 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	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial and/or hospital environment.
Note: U_T is the a.c. mains voltage prior to applications of the test level.			

* Applies to Optional Electric Lift/Litter only

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OPTIONAL ELECTRIC LIFT/LITTER AND OPTIONAL SCALE SYSTEM (CONTINUED)

Recommended separation distances between portable and mobile RF communications equipment and the Optional Electric Lift/Litter and Optional Scale System.

The Optional Electric Lift/Litter and Optional Scale System is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Optional Electric Lift/Litter and Optional Scale System can help prevent electromagnetic interferences by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Optional Electric Lift/Litter and Optional Scale System as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	**Separation distance according to frequency of transmitter m**		
	150 kHz to 80 MHz $d=1,2\sqrt{P}$	80 MHz to 800 MHz $d=1,2\sqrt{P}$	800 MHz to 2,5 GHz $d=2,3\sqrt{P}$
0,01	0,12	0,12	0,23
0,1	0,38	0,38	0,73
1	1,2	1,2	2,3
10	3,8	3,8	7,3
100	12	12	23

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

Note 1
At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

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

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OPTIONAL ELECTRIC LIFT/LITTER AND OPTIONAL SCALE SYSTEM(CONTINUED)

The Optional Electric Lift/Litter and Optional Scale System is suited for use in the electromagnetic environment specified below. The customer or the user of the Optional Electric Lift/Litter and Optional Scale System should ensure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Conducted RF IEC 61000-4-6 *	3 Vrms 150 kHz to 80 MHz	3 Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the Optional Electric Lift/Litter and Optional Scale System, including cables, than the recommended separation distance calculated from the equation appropriate for the frequency of the transmitter. Recommended Separation Distance $d=1,2\sqrt{P}$ $d=1,2\sqrt{P}$ 80 MHz to 800 MHz $d=2,3\sqrt{P}$ 800 MHz to 2,5 GHz 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 metres (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:
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	3 V/m	

Note 1
At 80 MHz and 800 MHz, the higher frequency range applies.
Note 2
These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

[a]Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast, and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Optional Electric Lift/Litter and Optional Scale System is used exceeds the applicable RF compliance level above, the Optional Electric Lift/Litter and Optional Scale System should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Optional Electric Lift/Litter and Optional Scale System.

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

* Applies to Optional Electric Lift/Litter only

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OPTIONAL ELECTRIC LIFT/LITTER AND OPTIONAL SCALE SYSTEM (CONTINUED)

Guidance and Manufacturer's declaration - Electromagnetic Emissions		
The Optional Electric Lift/Litter and Optional Scale System is intended for use in an electromagnetic environment specified below. The customer or the user of the Optional Electric Lift/Litter and Optional Scale System should ensure that it is used in such an environment.		
Emissions Test	**Compliance**	**Electromagnetic Environment**
RF Emissions CISPR 11	Group 1	The Optional Electric Lift/Litter and Optional Scale System uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF Emissions CISPR 11	Class A	The Optional Electric Lift/Litter and Optional Scale System is suitable for use in all establishments other than domestic and those directly connected to the public low voltage power supply network that supplies buildings used for domestic purposes.
Harmonic Emissions IEC 61000-3-2 *	Class A	
Voltage Fluctuations Flicker Emissions IEC 61000-3-3 *	Complies	

* Applies to Optional Electric Lift/Litter only

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LIMITED WARRANTY

Stryker Medical Division, a division of Stryker Corporation, warrants to the original purchaser the Stryker Model 1105 Prime Series Stretcher to be free from defects in material and workmanship for a period of two (2) year after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product which is, in the sole discretion of Stryker, found to be defective. If requested by Stryker, products or parts for which a warranty claim is made shall be returned prepaid to the factory. Any improper use or any alteration or repair by others in such manner as in Stryker's judgment affects the product materially and adversely shall void this warranty. Any repair of Stryker products using parts not provided or authorized by Stryker shall void this warranty. No employee or representative of Stryker is authorized to change this warranty in any way.

Stryker Medical Stretcher products are designed for a 10 year expected service life under normal use, conditions, and with appropriate periodic maintenance as described in the maintenance manual for each device. Stryker warrants to the original purchaser that the welds on its Stretcher products will be free from structural defects for the expected 10 year life of the Stretcher product as long as the original purchaser owns the product.

This statement constitutes Stryker's entire warranty with respect to the aforesaid equipment. **Stryker makes no other warranty or representation, either expressed or implied, except as set forth herein. There is no warranty of merchantability and there are no warranties of fitness for any particular purpose. In no event shall Stryker be liable here under for incidental or consequential damages arising from or in any manner related to sales or use of any such equipment.**

Warranty does not include any disposable items, I.V. poles (except for Stryker permanently attached poles), mattresses, batteries, or damage resulting from abuse.

TO OBTAIN PARTS AND SERVICE

Stryker products are supported by a nationwide network of dedicated Stryker Field Service Representatives. These representatives are factory trained, available locally, and carry a substantial spare parts inventory to minimize repair time. Simply call your local representative, or call Stryker Customer Service USA at 1-800-327-0770.

SERVICE CONTRACT COVERAGE

Stryker has developed a comprehensive program of service contract options designed to keep your equipment operating at peak performance at the same time it eliminates unexpected costs. We recommend that these programs be activated before the expiration of the new product warranty to eliminate the potential of additional equipment upgrade charges.

A Service Contract helps to:

- Ensure equipment reliability
- Stabilize maintenance budgets
- Diminish downtime
- Establish documentation for JCAHO
- Increase product life
- Enhance trade-in value
- Address risk management and safety

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SERVICE CONTRACT PROGRAMS

Stryker offers the following service contract programs:

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

* Replacement parts and labor for products under PM contract will be discounted.

** Does not include any disposable items, I.V. poles (except for Stryker permanently attached poles), mattresses, batteries, or damage resulting from abuse.

Stryker Medical also offers personalized service contracts.
Pricing is determined by age, location, model and condition of product.

For more information on our service contracts,
please call your local representative.

RETURN AUTHORIZATION

Merchandise cannot be returned without approval from the Stryker Customer Service Department. An authorization number will be provided which must be printed on the returned merchandise. Stryker reserves the right to charge shipping and restocking fees on returned items. **Special, modified, or discontinued, items not subject to return.**

DAMAGED MERCHANDISE

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of receipt of merchandise. **Do not accept damaged shipments unless such damage is noted on the delivery receipt at the time of receipt.** Upon prompt notification, Stryker will file a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. In the event that this information is not received by Stryker within the fifteen (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full. Claims for any short shipment must be made within thirty (30) days of invoice.

INTERNATIONAL WARRANTY CLAUSE

This warranty reflects U.S. domestic policy. Warranty outside the U.S. may vary by country. Please contact your local Stryker Medical representative for additional information.

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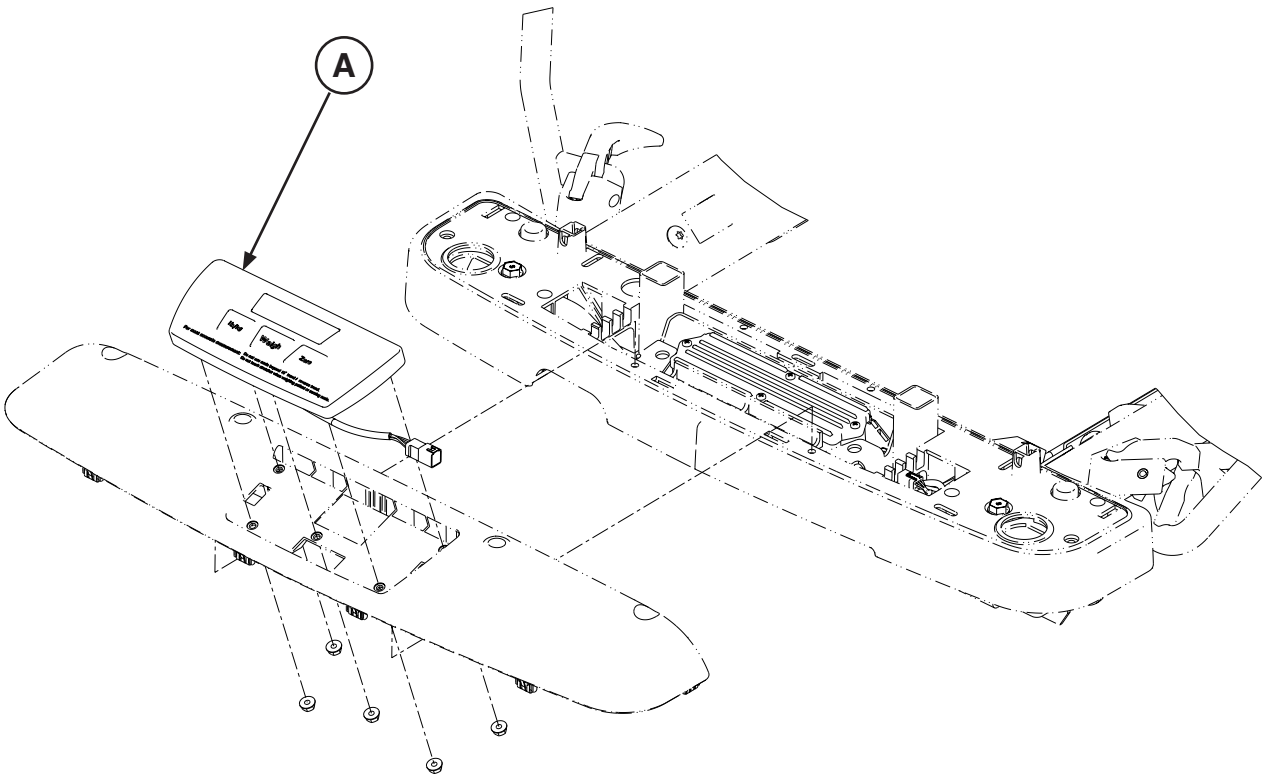
Recycling Passport

Assembly part number:
1070-110-260 (Reference Only)
1070-110-265 (Reference Only)
1070-110-360 (Reference Only)
1070-110-365 (Reference Only)
1070-110-270 (Reference Only)
1070-110-370 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-037-820) Scale Control Non-Backlit Keypad Assembly		1

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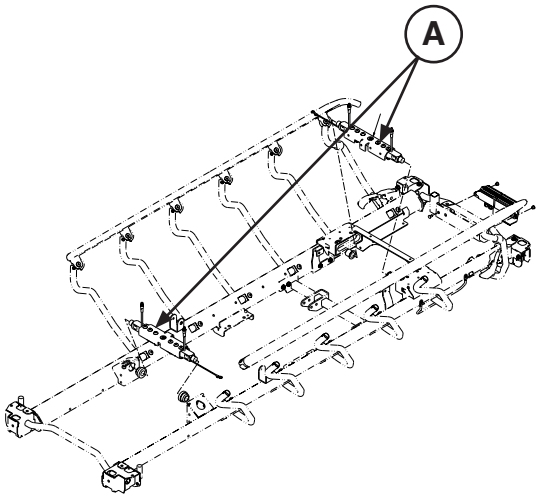
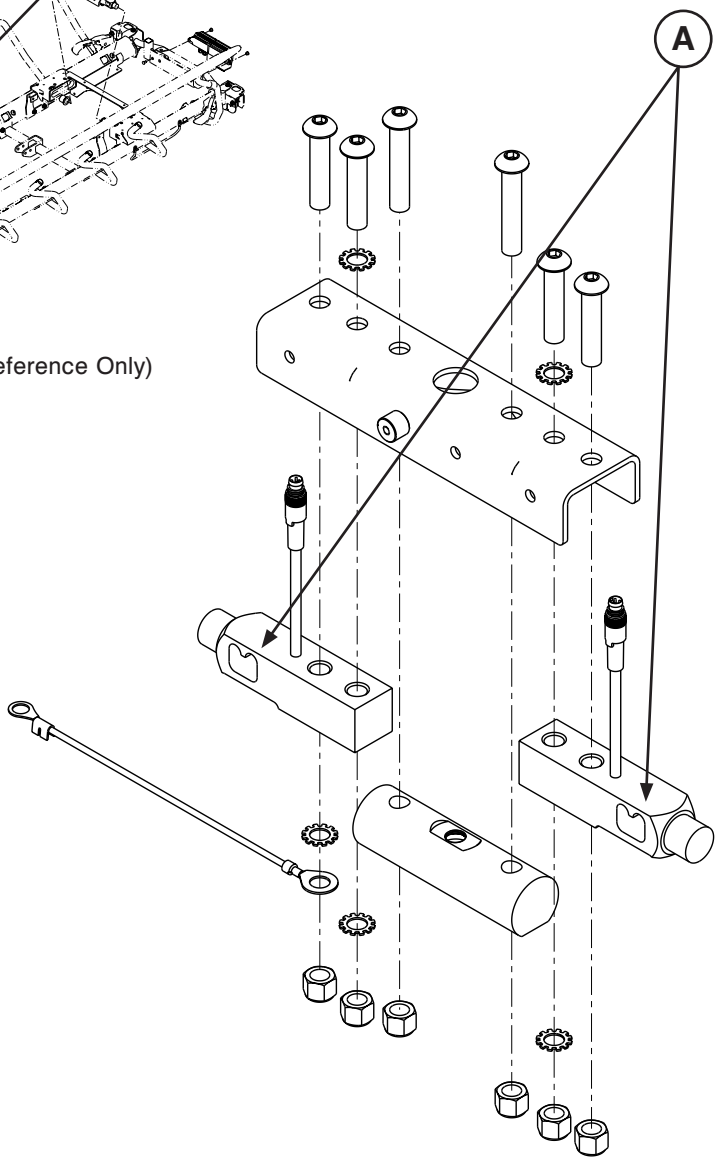
Recycling Passport

Assembly part number:
1070-117-600 (Reference Only) - 26”
1070-117-300 (Reference Only) - 30”



1070-110-265 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-037-057) Load Cell		2

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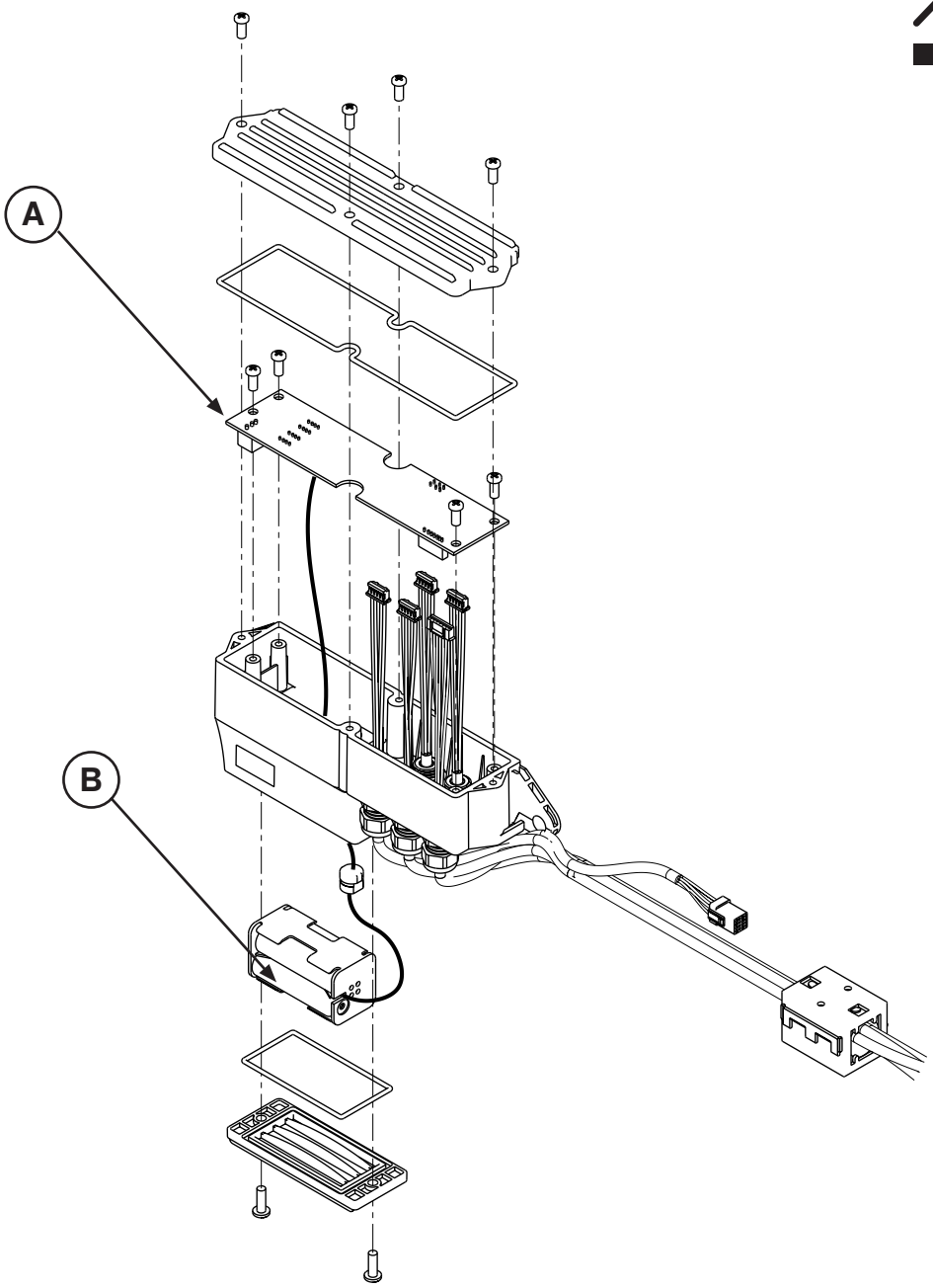
Recycling Passport

Assembly part number: 1070-237-020 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-037-830) Scale Control Assembly		1
B	(1070-137-029) AA Battery Assembly		1

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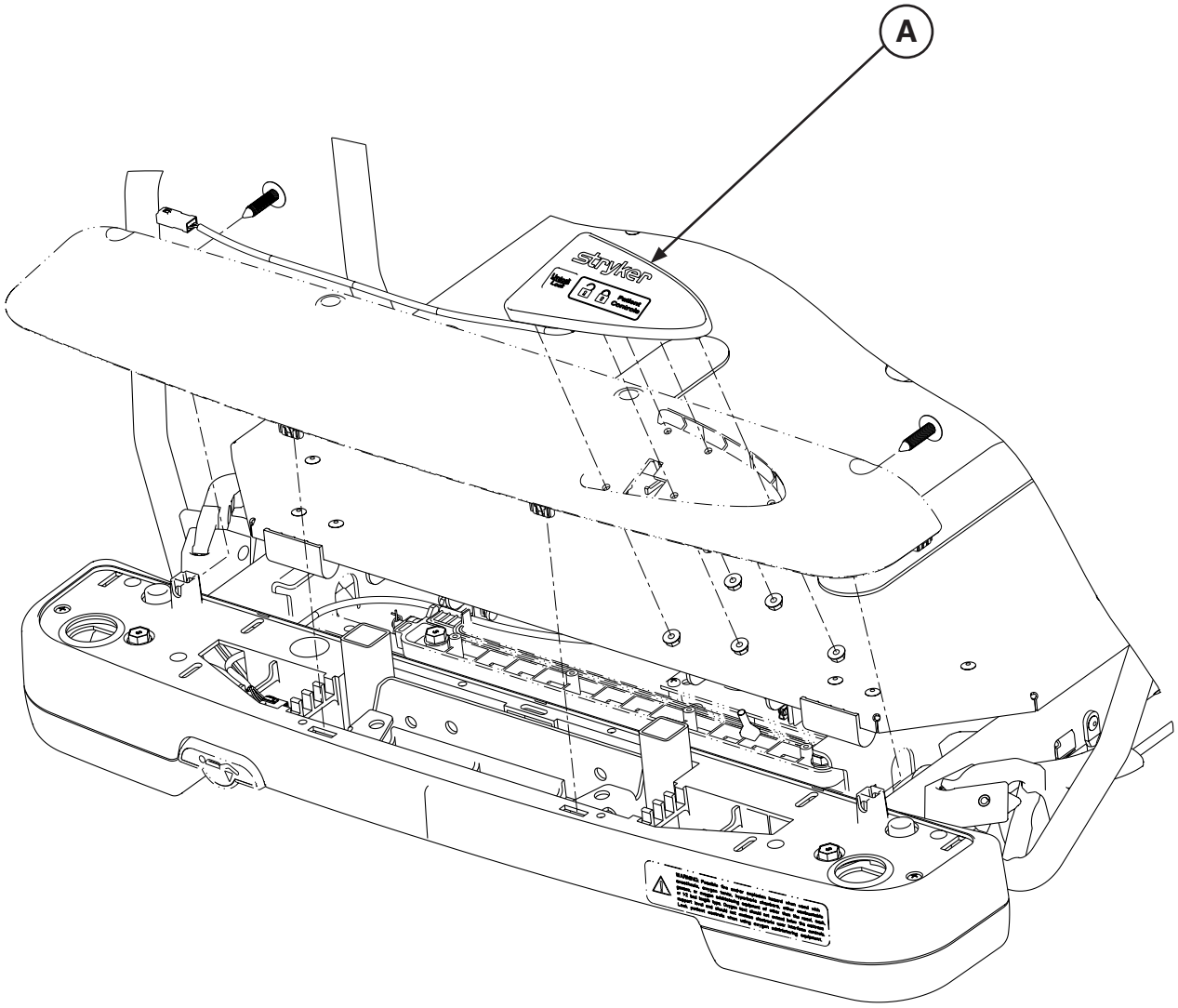
Recycling Passport

Assembly part number: 1008-010-302 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-015-820) Patient Lockout Assembly		1

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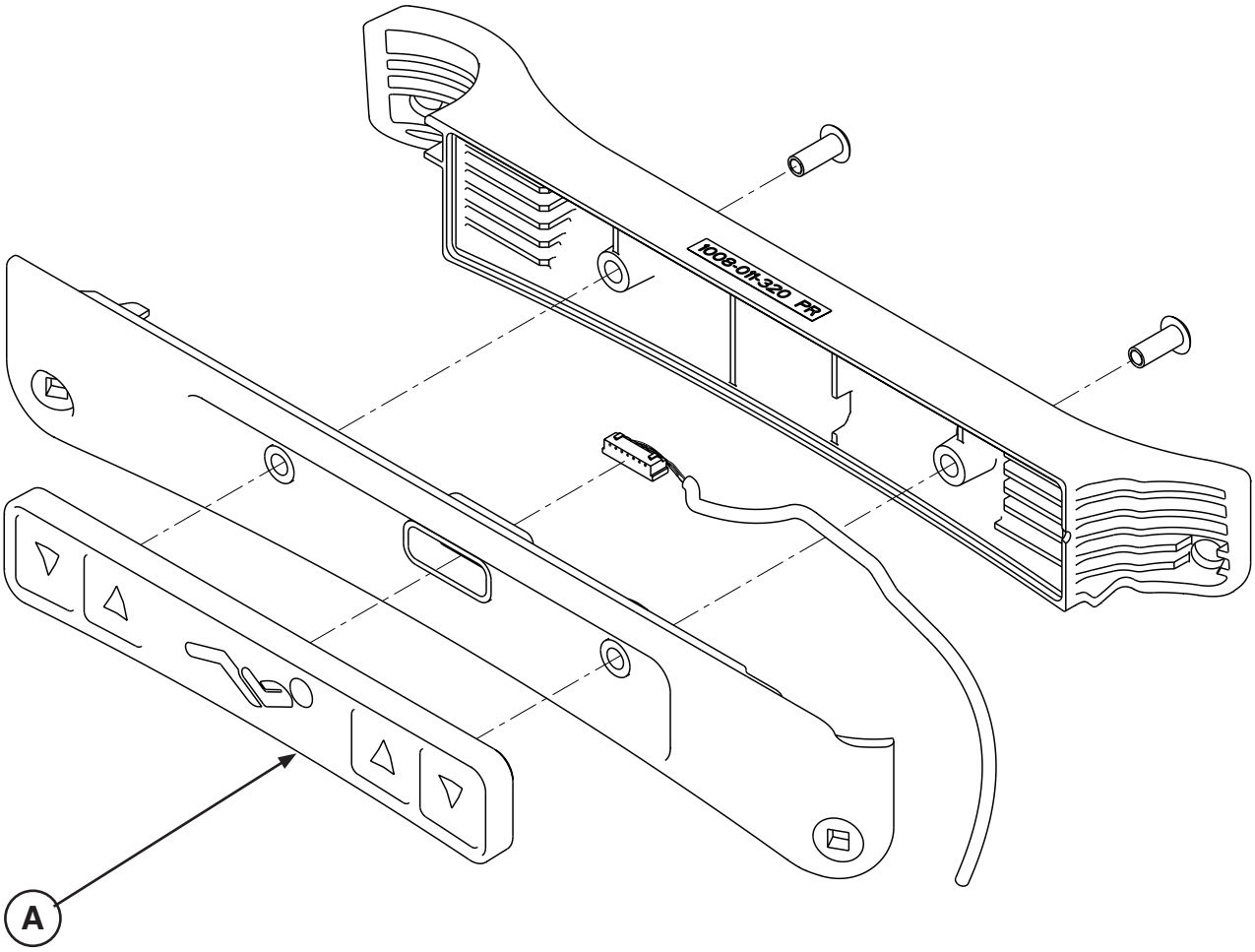
Recycling Passport

Assembly part number:
1008-011-320 (Reference Only) - Right
1008-011-330 (Reference Only) - Left



Item	Recycling/Material Code	Important Information	Qty
A	(1008-011-016) Siderail Keypad, Right (1008-011-017) Siderail Keypad, Left		1

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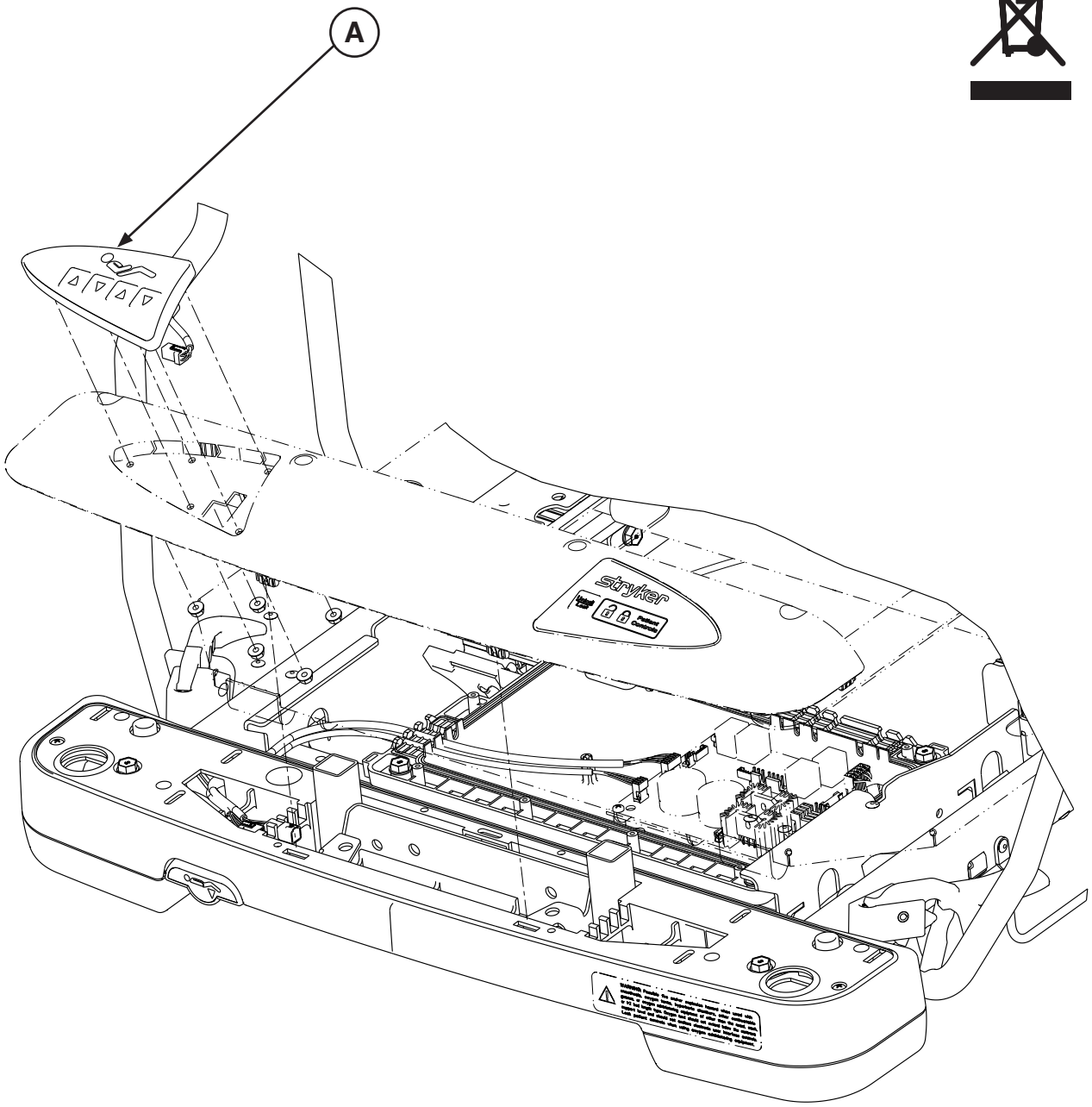
Recycling Passport

Assembly part number: 1008-015-020 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-015-800) Staff Control Assembly		1

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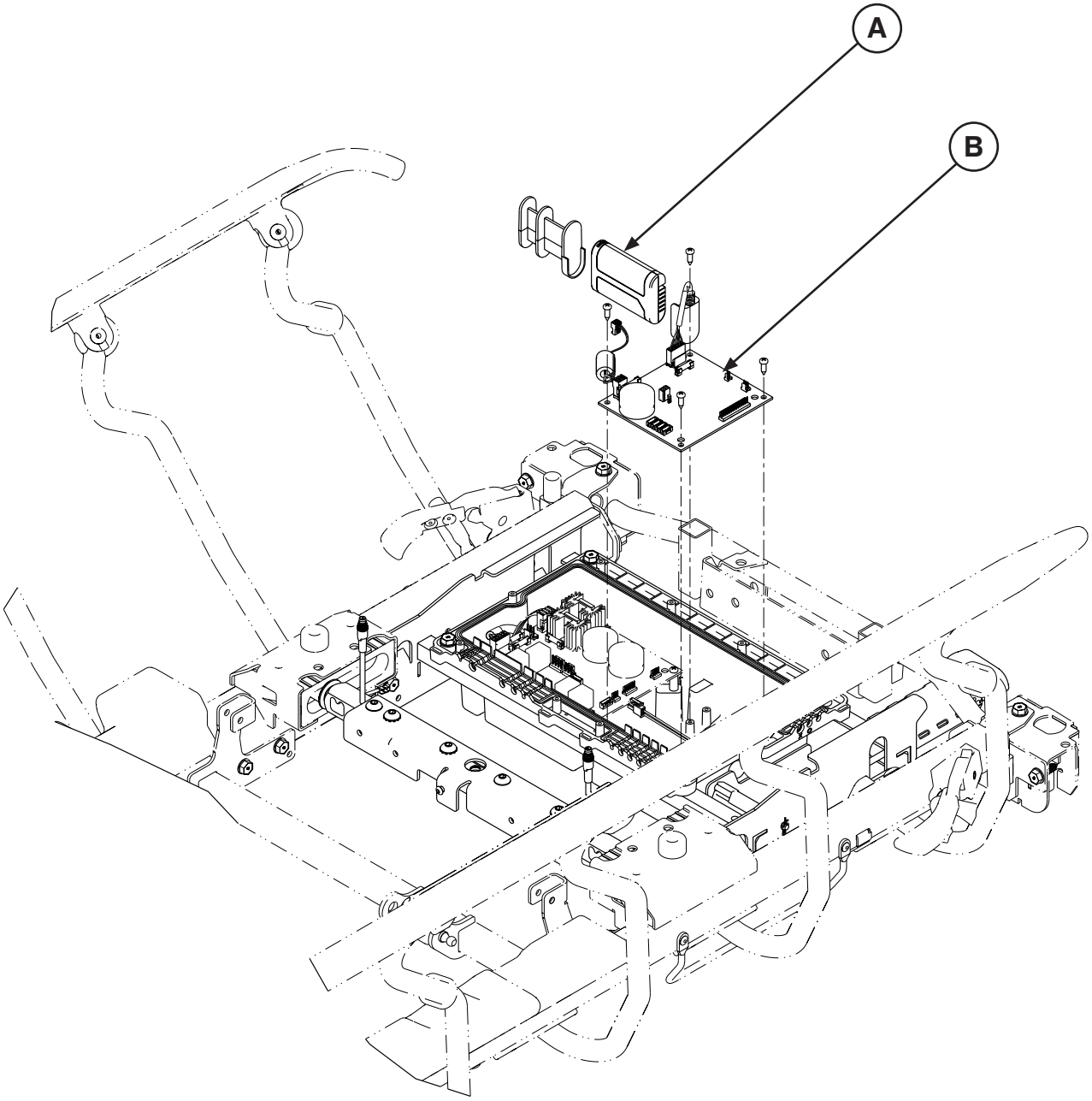
Recycling Passport

Assembly part number: 1070-010-100 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(0058-135-000) Li-ION Smart Battery Pack		1
B	(1008-237-850) Scale Control Assembly		1

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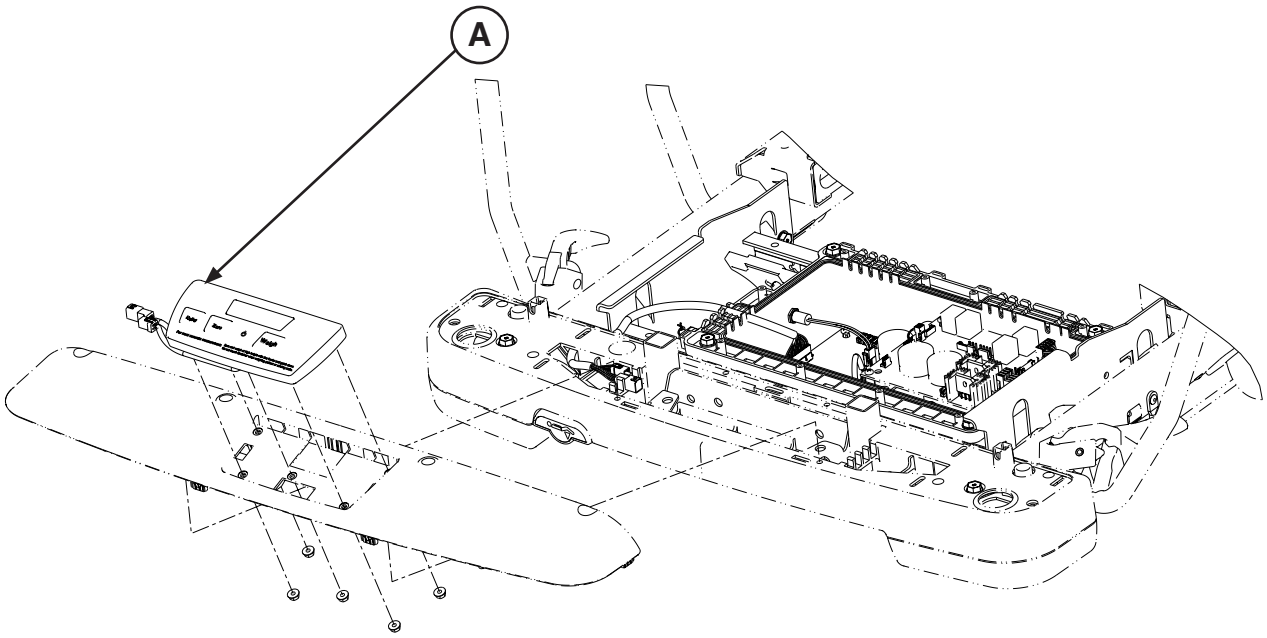
Recycling Passport

Assembly part number: 1070-010-100 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-037-810) Scale Control Backlit Keypad Assembly		1

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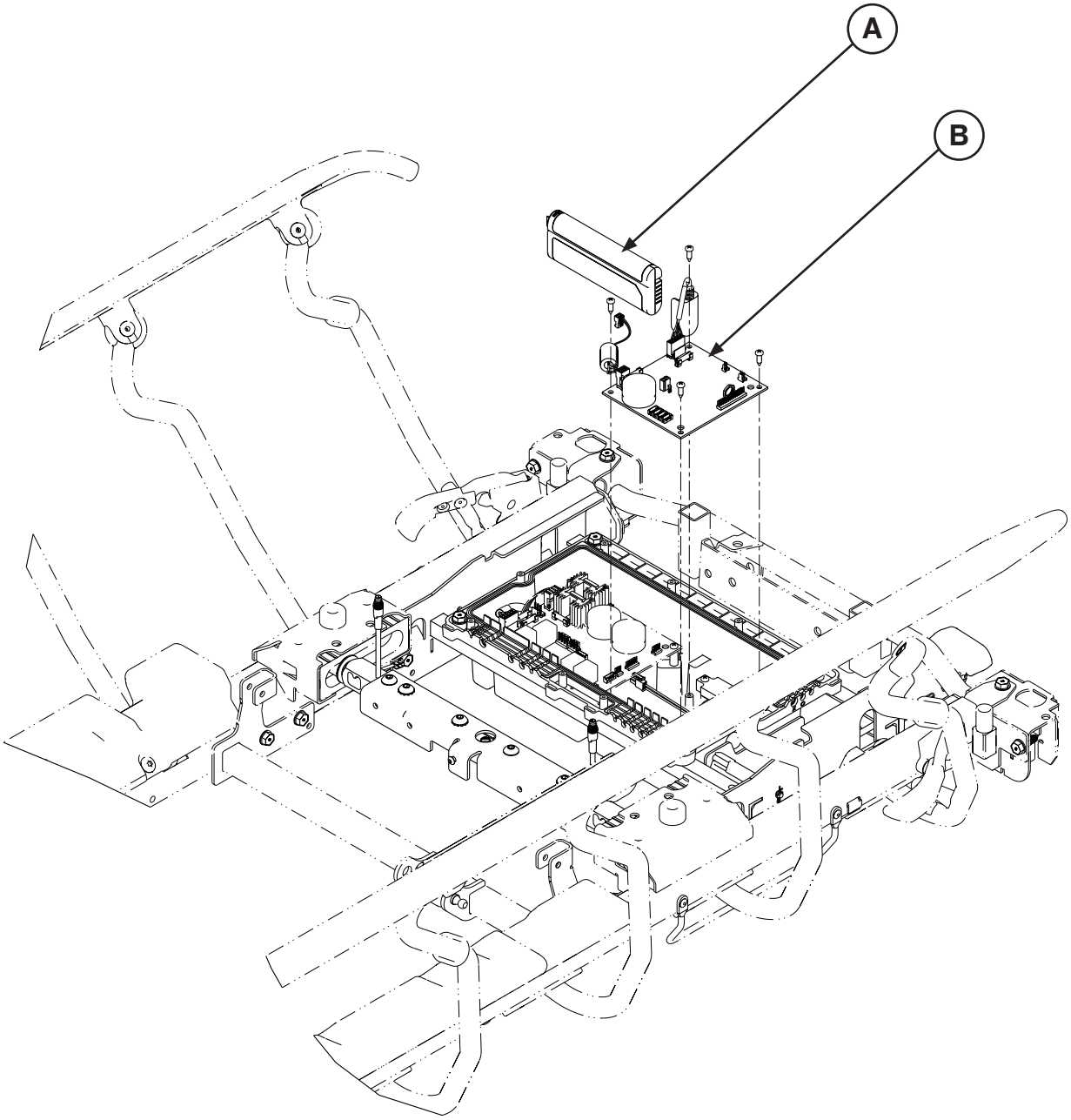
Recycling Passport

Assembly part number: 1070-010-200 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(0058-134-000) Li-ION Smart Battery Pack		1
B	(1008-237-840) Scale/ Chaperone Control Assembly		1

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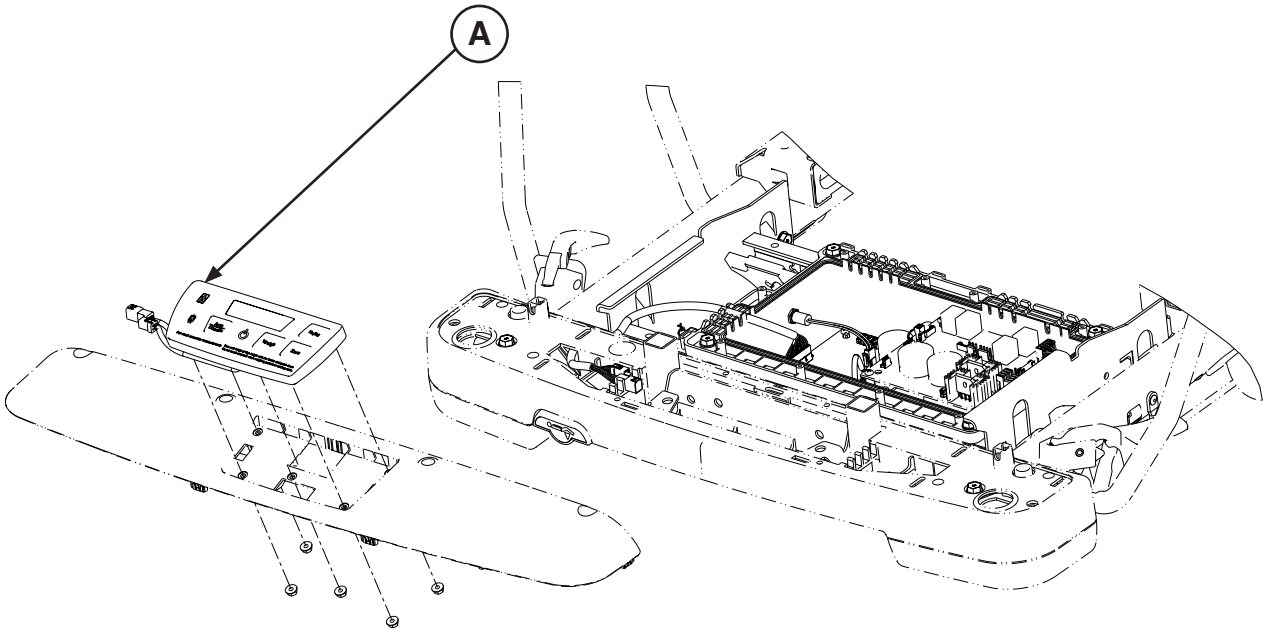
Recycling Passport

Assembly part number: 1070-010-200 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-037-800) Scale/ Chaperone Keypad Assembly		1

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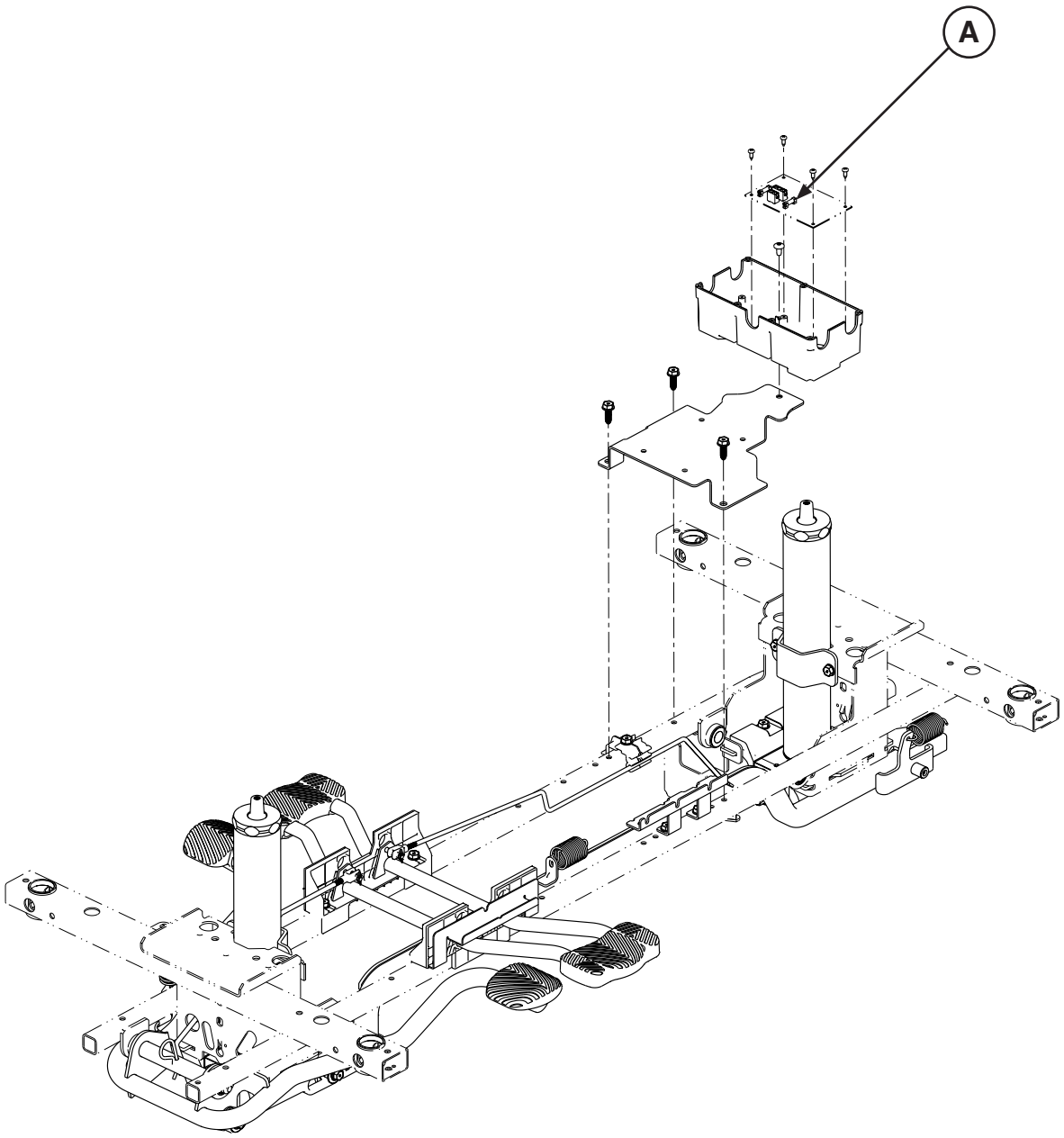
Recycling Passport

Assembly part number: 1008-005-500 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-002-800) Non-Lift Control PCB Assembly		1

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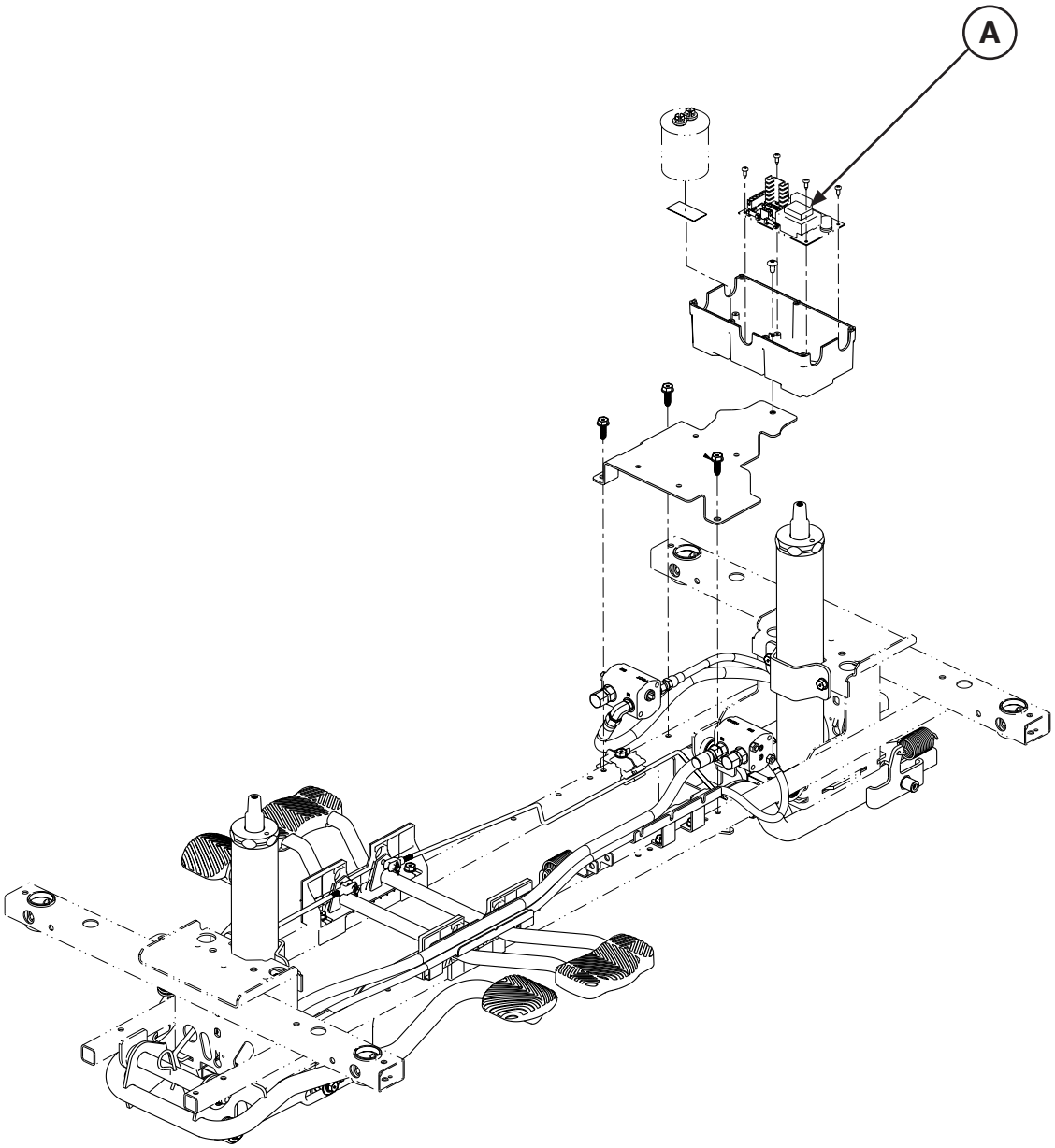
Recycling Passport

Assembly part number: 1008-005-510 (Reference Only)



Item	Recycling/Material Code	Important Information	Qty
A	(1008-002-810) Lift Control PCB Assembly		1

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United States
Stryker Medical
3800 E. Centre Ave.,
Portage, Michigan USA
49002

EC REP

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