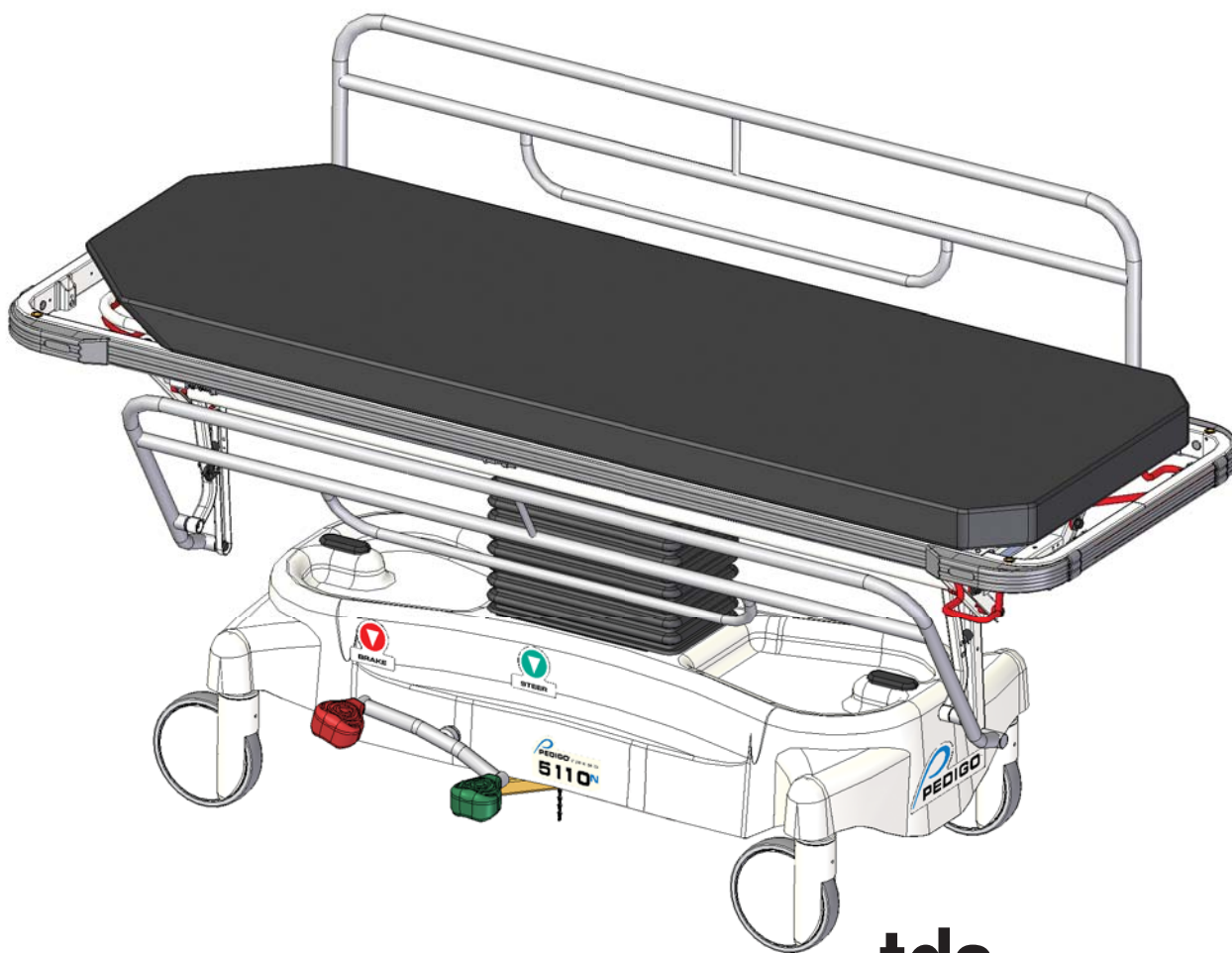




5110^N / 5110^W

Installation & Operation Manual

5110 Series Stretchers



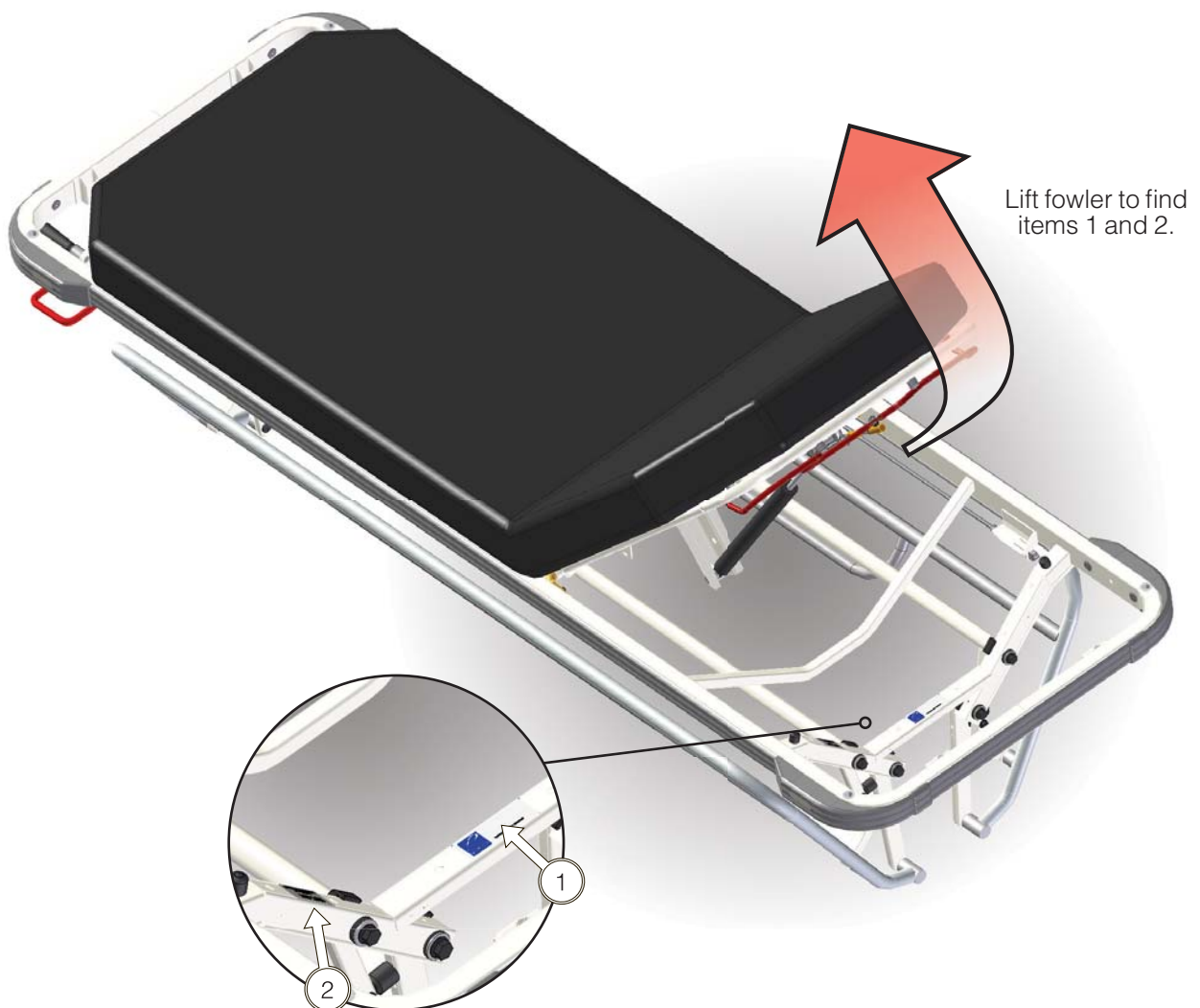
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Owner's Product Identification

Information that you will need to provide for servicing - key information is highlighted.

Date of Purchase	Serial Number ①
Name of Owner / Facility / Department	Weight Capacity ②
Name of Authorized Pedigo Dealer	Telephone # of Authorized Pedigo Dealer
Address of Authorized Pedigo Dealer	



Important Information

Scope and Purpose of This Manual

This manual covers complete instructions for the installation, operation, and normal care of the Model 5110-N / 5110-W General Purpose Stretcher. It is intended that this manual be used by any medical personnel responsible for operating the stretcher while transporting a patient, while performing a medical examination or procedure, or while performing operator-level maintenance.

Intended Use of Product

The intended use of this product is to support and transport patients throughout the hospital, clinic, same day or ambulatory surgery center, or any examination, treatment, or in-procedures environment. This could be before, during, and/or after diagnostic, therapeutic, interventional medical and / or surgical procedures, examinations, and/or treatment.

Safety Instructions

The primary concern of Pedigo is that this equipment is operated and maintained with the safety of the patient and staff in mind. To assure safer and more reliable operation:

- Read and understand this manual before attempting to install or operate the stretcher.
- Assure that appropriate personnel are informed on the contents of this manual; this is the responsibility of the purchaser.
- Assure that this manual is located near the stretcher, or if possible, permanently affixed to the stretcher.



The maximum patient weight allowed on the stretcher litter top is 500 lbs (227 kg) . Failure to adhere to this limit could result in personal injury to the patient.

Explanation of Safety Symbols and Notes



Indicates a hazardous situation, that, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations.



Indicates a hazardous situation, that, if not avoided, could result in death or serious injury.



Indicates a hazardous situation, that, if not avoided, could result in minor or moderate injury. It may also be used to alert against unsafe practices.



Safety instructions (or equivalent) signs indicate specific safety-related instructions or procedures.



Notice is used to address practices not related to physical injury. This includes instructions relative to preventing equipment damage and proper function.



Indicates that the action will result in movement of the Fowler function.



Indicates that the action will result in movement of the Trendelenburg/Reverse Trendelenburg function.

Transportation and Storage Conditions

Ambient Temperature Range	-30°C to +60°C (-22°F to 140°F)
Relative Humidity	10% to 90% (non-condensing)
Atmospheric Pressure	500hPa to 106hPa (0.49atm to 1.05atm)

Installation

Unpacking

⚠ WARNING

The 5110-N stretcher weighs approximately 280 lbs (127 kgs) and the 5110-W stretcher weighs approximately 290 lbs (132 kgs). Get an assistant if necessary and use proper lifting techniques. Failure to do so could result in serious back injury or other injury.

NOTICE

To avoid damaging the stretcher's upholstered top or other components, do not use a knife or other sharp object to open the stretcher's packaging. Also, do not depress the pump pedal prior to cutting the banding strips. Failure to do so may damage the stretcher.



Indicates that the product is fragile; do not handle roughly.

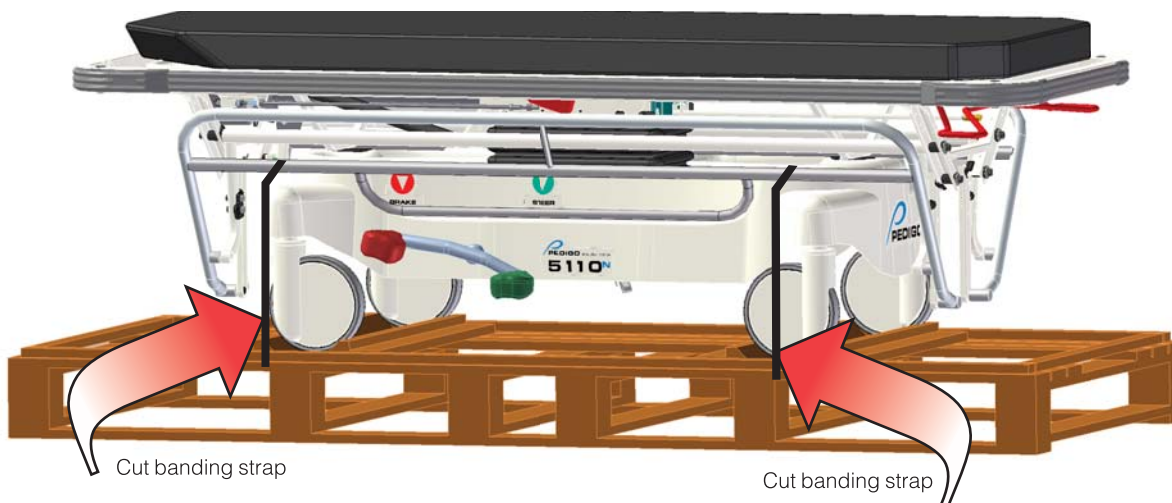


Indicates that the product must be kept dry.



Indicates the proper shipping orientation for the product.

1. Carefully remove the packaging from the stretcher.
2. Cut the two banding strips.



3. Lift the stretcher off the shipping skid and allow caster wheels to rest firmly on the floor.

Inspect the stretcher for any shipping damage . Report any damage to the shipping company and fill out a concealed damage report.

NOTICE

General items to inspect for shipping damage are:

- 1) Stretcher does not roll when the brakes are engaged.
- 2) Steering works properly - see page 11.
- 3) Trendelenburg and Fowler work properly.
- 4) Side rails work properly.
- 5) Mattress is not torn or damaged, etc.

Description

Introduction

The 5110-N and 5110-W General Purpose Stretcher is a fixed height stretcher which is primarily used to support and transport patients in any treatment or procedures environment, and may be used for general examinations and procedures. The table top is infinitely adjustable from a full horizontal table position to a full sitting position through the use of a pneumatic assist. Also the table top can be pneumatically adjusted into the Trendelenburg and Reverse Trendelenburg positions.

Features

- Pneumatically-assisted Fowler backrest, which can be easily adjusted from full flat (horizontal) position to a full sitting (+90°) position.
- Pneumatically-assisted litter top, which can be easily adjusted into the Trendelenburg (+12°) and Reverse Trendelenburg positions (-7°).
- Full length, tuck-away side rails that prevent finger pinching, allows closer access to the patient, and allows for a zero transfer gap for easier patient transfer.
- Four I.V. rod positions for optional fixed or adjustable I.V. poles.
- Grey bumpers.

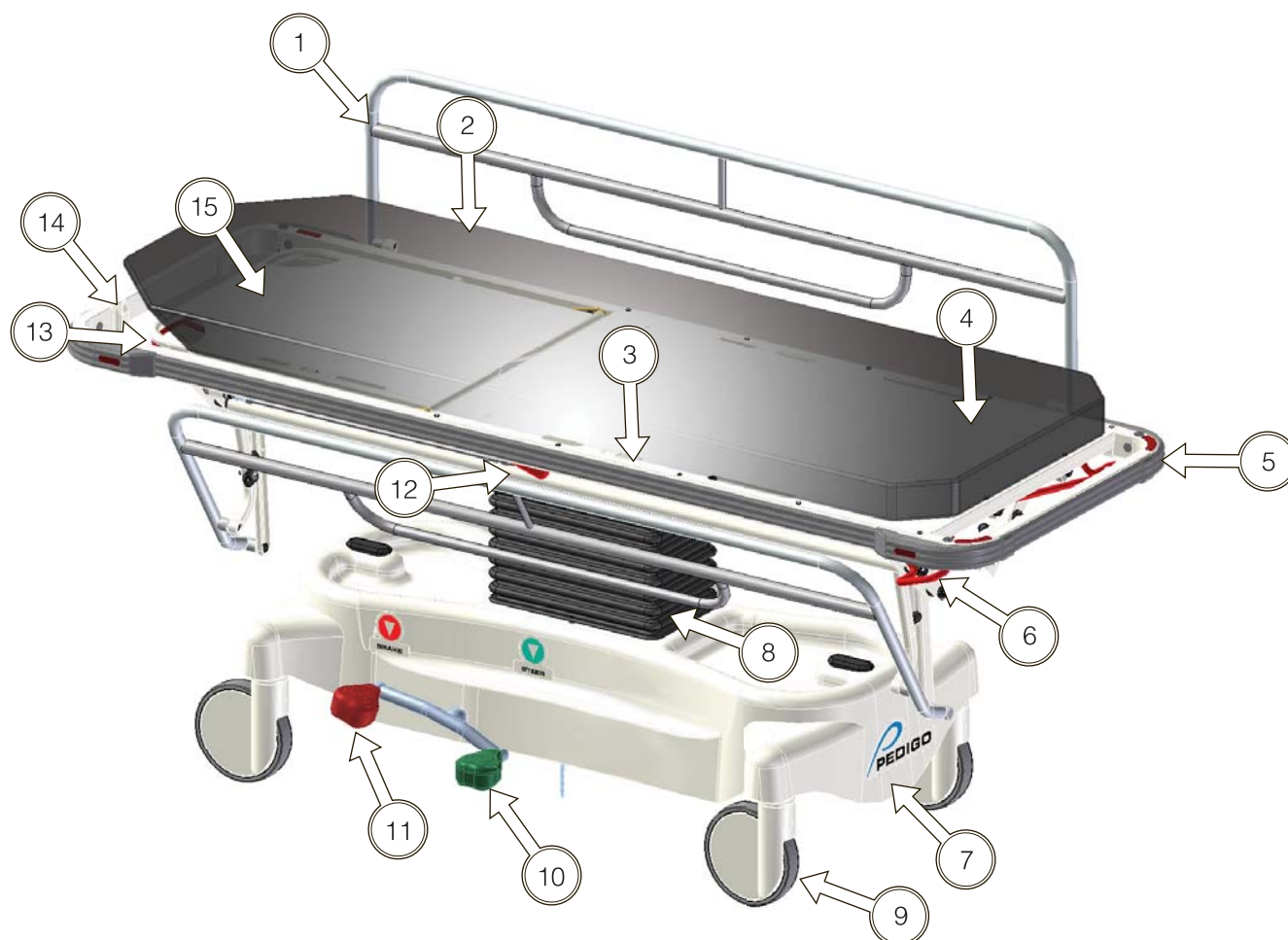
Options

- Factory set litter top height, which can be set at 28", 29", 30", 31" or 32" (71 cm, 73 cm, 76 cm, 79 cm, or 81 cm).
- Ergonomic Quick-Release O₂ Tank Holder is side mounted and conveniently located under the patient surface to reduce caregiver bending. (US Patent 7,865,984 B2)

For a complete list of options and accessories see page 10.

Components Overview

The stretcher's major components locations and names are shown below.

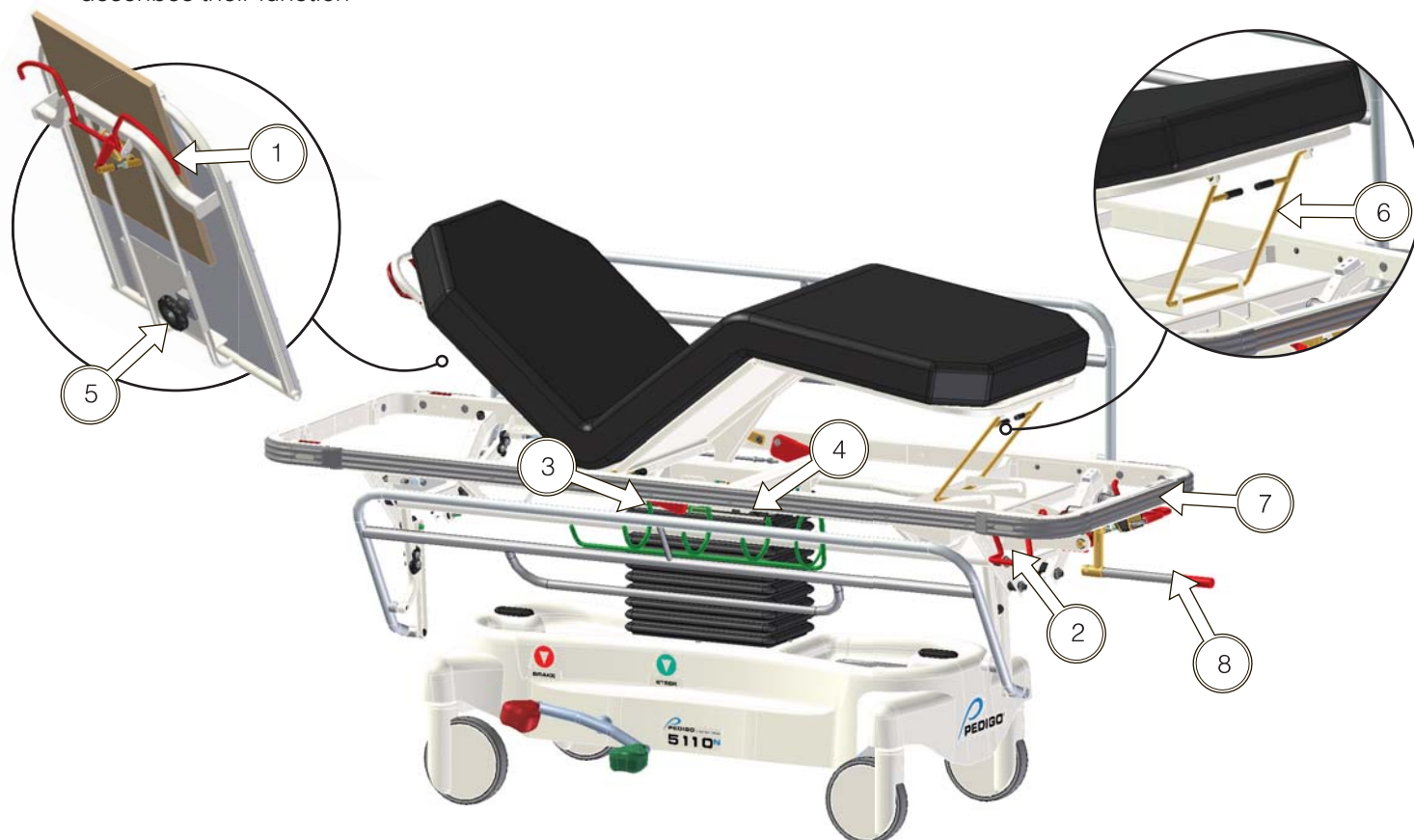


Description of Components

1. Side rails	9. Casters
2. Mattress	10. True Direction Steering Control Pedal
3. Litter Top	11. Brake Pedal
4. Knee Flex Option	12. Side rail Release Handle
5. Perimeter Bumper	13. Fowler Control
6. Trendelenburg Control	14. Accessory Receptacles
7. Chassis	15. Fowler Section (adjustable)
8. Column	

Controls and Indicators

The illustrations below shows the location of the stretcher's controls and indicators. The table below describes their function



Reference / Control	Function
1. Fowler Handles (red)	When squeezed, releases the Fowler pneumatic gas spring, allowing the Fowler (back) section to be raised or lowered. See "Fowler Section Positioning - Pneumatic Fowler" on page 15.
2. Trendelenburg Release Handles (red)	When squeezed, releases the Trendelenburg pneumatic gas spring, allowing the litter top to be moved into the Trendelenburg or Reverse Trendelenburg position. See "Trendelenburg / Reverse Trendelenburg Positioning" on page 18.
3. Siderail Release Handles	Used to release the siderail so it may be lowered. See page 14.
4. O ₂ Release Handle (only on units with optional O ₂ Bottle Holder)	Pull to release O ₂ bottle . Push O ₂ bottle cradle up and in simultaneously toward the litter . The holder will latch . See "Oxygen Bottle Holder" on page 20.
5. Partial X-Ray Fowler Option Cassette Holder Locking Knob	Used to secure the cassette holder in position after it has been positioned as desired . See "Fowler X-Ray Cassette Holder (Option)" on page 16.
6. Knee Flex Option Bail Rod	Controls the Knee Flex bail rod . Used to move the bail rod to the locked position when the Knee Flex section of the litter top is raised up into the raised (Trauma, Leg Lift, or Knee Flex) position. Also used to unlock the Knee Flex bail rod when the litter top is being returned to the flat or Knee Flex position . See "Knee Flex / Leg Lift Options" on page 21.
7. Hydraulic Knee Flex Option Release Handle	Squeeze to release the Knee Flex position.
8. Hydraulic Knee Flex Option Pump Handle	Used to raise or lower the thigh section of the litter top to achieve the trauma, leg lift, or knee flex position. See "Trauma Position Using Hydraulic (Option)" on page 25.

Checklist: Installed Options & Authorized Accessories

The options and accessories that are authorized for use with the stretcher are listed below . Check all the options and accessories installed or shipped with your stretcher.

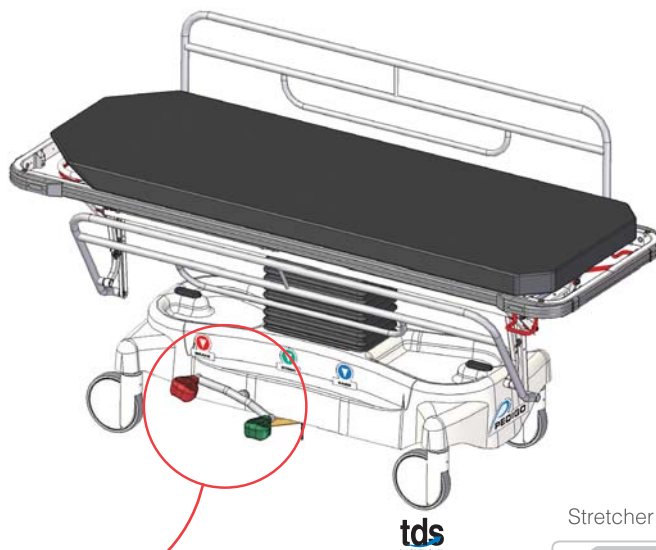
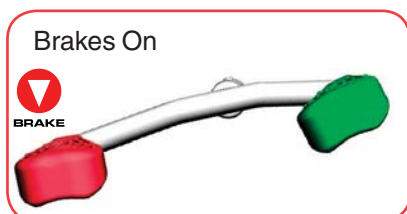
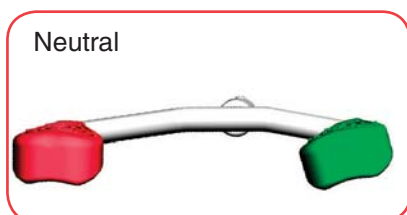
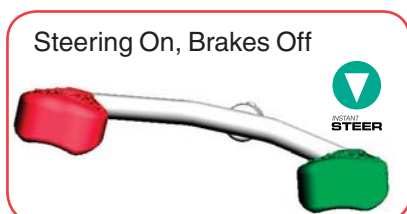
✓	Option Name - Factory Install Required	Narrow Item Number	Wide Item Number
<input type="checkbox"/>	Full X-Ray Litter Top, Narrow	750203	750204
<input type="checkbox"/>	Partial X-Ray Fowler, Narrow	750205	750206
<input type="checkbox"/>	CuVerro® Side Rail Upgrade	750303	
<input type="checkbox"/>	Red Bumpers	750401	
<input type="checkbox"/>	Teal Bumpers	750402	
<input type="checkbox"/>	Paper Roll Holder 18" (exc . Knee Flex)	5966001	
<input type="checkbox"/>	Paper Roll Holder 21" (exc . Knee Flex)	5966003	
<input type="checkbox"/>	IV Caddy	59163001	
<input type="checkbox"/>	IV Pole With Storage Tube	750501	750502
<input type="checkbox"/>	IV Pole, Fold Down	59175001	
<input type="checkbox"/>	Quick Release O ₂ Holder	750213	
<input type="checkbox"/>	Storage Bag Hook	750215	
✓	Accessories Name - Factory Install <u>Not</u> Required	Narrow Item Number	Wide Item Number
<input type="checkbox"/>	IV Pole, Fixed height	2101	
<input type="checkbox"/>	IV Pole, 7/8" Adjustable/removable	5984001	
<input type="checkbox"/>	IV 7/8" storage tube, with cable attachment	5983001	
<input type="checkbox"/>	O ₂ Holder, Vertical	5981001	
<input type="checkbox"/>	Restraint Straps, Velcro, pair	5903001	
<input type="checkbox"/>	Restraint Straps, Buckle, pair	5904001	
<input type="checkbox"/>	Chart Holder Requires: 5985001 (N) / 5986001 (W) or 59115001 (N) / 59116001 (W)	5967001	
<input type="checkbox"/>	Side rail Pads, pair	5701002	
<input type="checkbox"/>	Head/Foot Extension Pad, 3" pad	5708001	
<input type="checkbox"/>	Head/Foot Extension without pad	5996001	5997001
<input type="checkbox"/>	Push/Pull Bar - Removable	5985001	5986001
<input type="checkbox"/>	Push/Pull Bar Pad	5704001	5705001
<input type="checkbox"/>	Monitor Tray Board, with chart holder	59115001	59116001
<input type="checkbox"/>	Stirrups-Set Includes: 5994001	59100001	
<input type="checkbox"/>	3" Standard Mattress (Black)	5828002	5831002
<input type="checkbox"/>	3" Premium Mattress (Blue)	5850002	5852002
<input type="checkbox"/>	4" Standard Mattress (Black)	5829002	5832002
<input type="checkbox"/>	4" Premium Mattress (Blue)	5851002	5853002
<input type="checkbox"/>	4" Pressure Relief Mattress	5833002	5834002
<input type="checkbox"/>	5" Premium Mattress (Blue) <i>Special Order Only</i>	5855002	5856002

Stretcher Operation

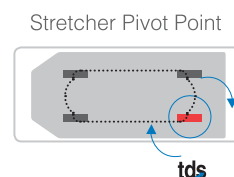
True Direction® Steering Controls **tds**

True Direction® Steering controls the steering and braking functions using a double-ended pedal. There are two double-ended pedals located on each side of the stretcher. The function is indicated by the color of pedal. Pedal functions and positions are illustrated below:

Engage steering by pressing down on the green pedal and then swiveling the caster at the patient's right foot-end. Caster will lock in the trailing position with an audible click. The other three casters will swivel freely. The proper position to steer the stretcher is from the head-end.



If your stretcher does not have these pedals, go to Instant Steer™ Controls (Option - page 13)



! WARNING

Always engage steering when transporting patients to ensure control over the stretcher's path. Also, seek assistance when transporting down a steep incline to prevent loss of control of stretcher. Failure to do so could result in personal injury to patient or staff.

NOTICE

Always engage steering when transporting patients to ensure control over the stretcher's path. Also, seek assistance when transporting down a steep incline to prevent loss of control of stretcher. Failure to do so could result in equipment damage.

Neutral is used to position the stretcher in a room, against a wall, or closer to a bed to transfer a patient. To engage Neutral, press down on the red pedal until the red and green pedals are level and an audible locking sound is heard. The stretcher can be moved sideways or easily moved diagonally.

Engage the brakes by pressing all the way down on the red pedal on either side of the stretcher. This locks the casters so they cannot roll or swivel and the stretcher cannot be moved.

Disengage the brakes by pressing down on the green pedal found on either side of the stretcher.

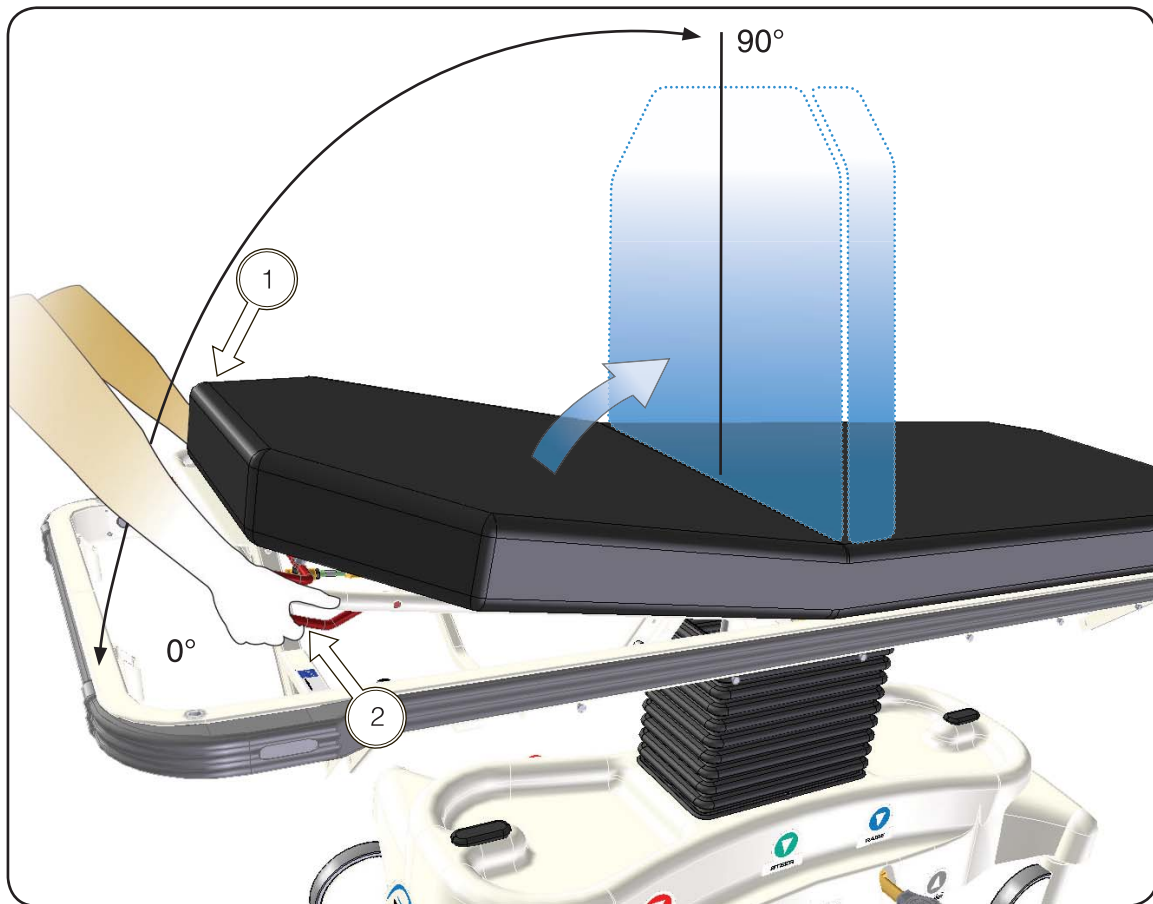
! WARNING

Make sure the stretcher does not roll with the brakes engaged. Also, make sure to engage the brakes when the stretcher is left unattended. Failure to do so could result in personal injury to patient or staff.

NOTICE

Make sure the stretcher does not roll with the brakes engaged. Also, make sure to engage the brakes when the stretcher is left unattended. Failure to do so could result in equipment damage.

Fowler Section Positioning - Pneumatic Fowler



The Fowler section (1) can be positioned at any angle between horizontal (0°) and a full sitting position (+90°). To raise or lower the Fowler section, do the following:

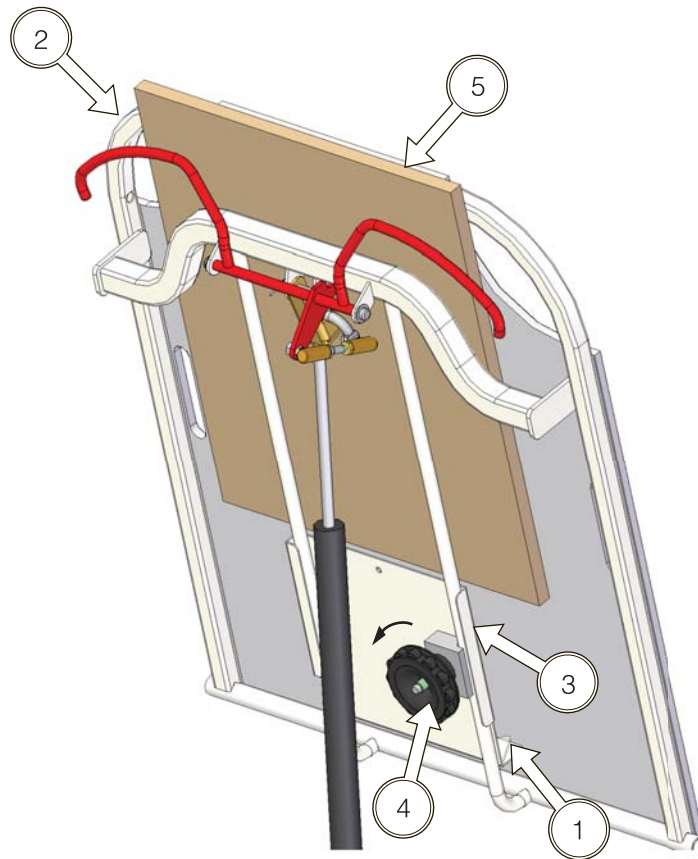
1. Firmly grasp the end of the Fowler section (1), located on the head end of the stretcher, with both hands.
2. Squeeze the Fowler release handle (2) upward.

Push or pull (depending on the patient's size) the Fowler section (1) upward or downward until the desired position is achieved. When the Fowler section (1) is in the desired position, release the Fowler release handle (2) to lock the Fowler section in place.

⚠ WARNING

Firmly grasp the Fowler section with both hands during positioning. Failure to do so could result in personal injury to the patient, back injury to the operator, or the operator's fingers could be pinched.

Fowler X-Ray Cassette Holder • Option



To load an X-Ray cassette, do the following:

1. Rotate the cassette holder support hinge (1) upward until it is perpendicular to the Fowler section (2).
2. From the head end of the stretcher, slide a new X-Ray cassette (5) between the frame of the Fowler section (2) and cassette holder (3) until it comes to rest against the support hinge (1). To position the X-Ray cassette vertically, do the following:
3. Loosen cassette holder locking knob (4) by turning it counterclockwise.
4. Then, slide the cassette holder (3) up or down as necessary.
5. Secure the cassette holder (3) in the desired position by tightening the cassette holder locking knob (4) by turning it clockwise.

To remove an X-Ray cassette, do the following:

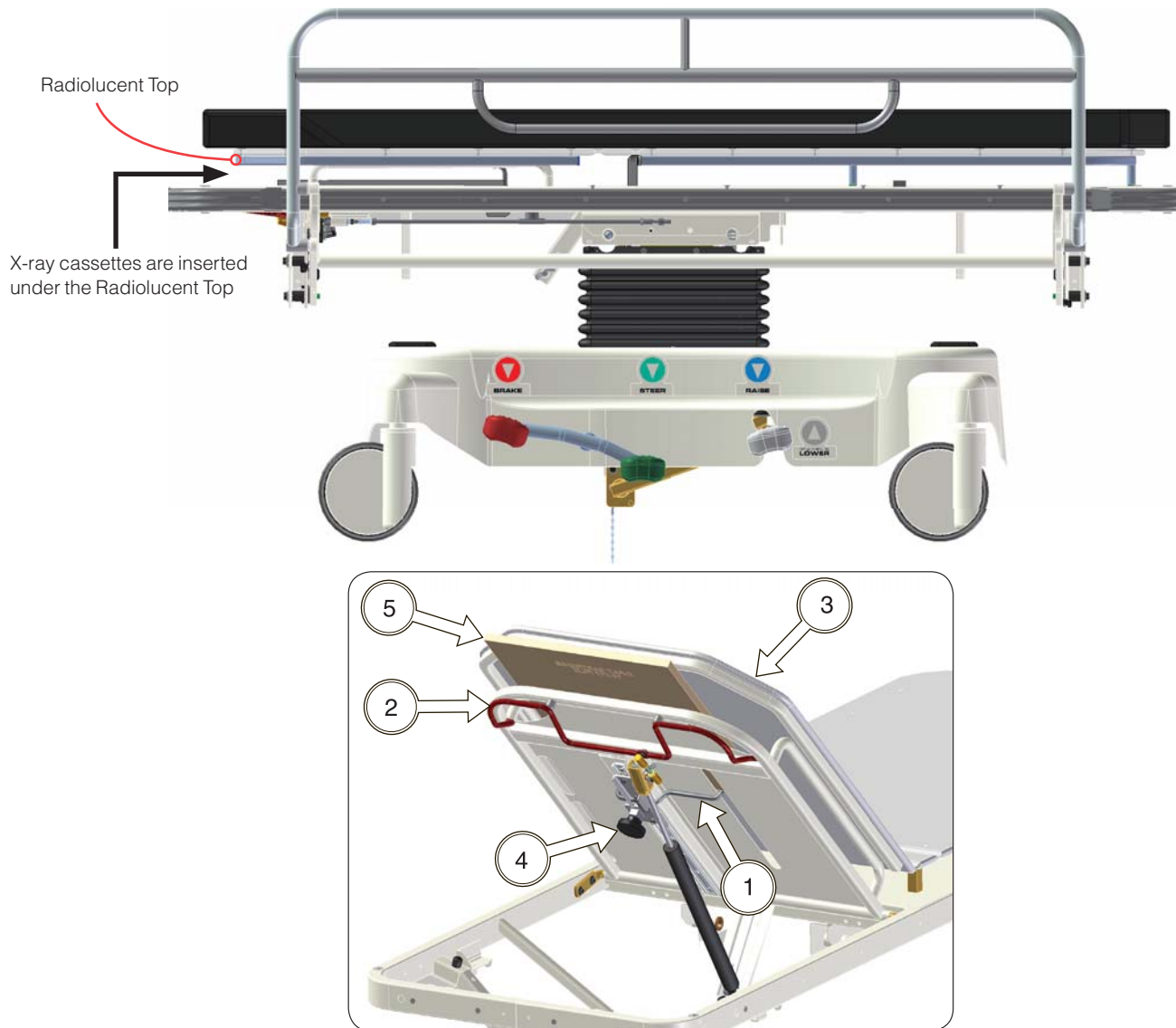
6. Grasp the X-Ray cassette (5).
7. Pull it toward the head end of the stretcher until it is free of the Fowler section (2) and cassette holder (3).

NOTICE

The Fowler section (2) may be positioned before or after the X-Ray cassette is loaded. However, if the Fowler section is positioned after the cassette tray is loaded, check to make sure the X-Ray cassette is still positioned at the correct vertical height. If not, reposition the X-Ray cassette. Failure to do so could result in a badly positioned X-Ray image.

Full Length X-Ray Litter • Option

The optional Full Length X-Ray Litter elevates the patient surface on a radiolucent top that allows X-ray cassettes to be positioned under the patient.



Adjusting the X-Ray cassette, do the following:

1. Rotate the cassette holder support hinge (1) until it is perpendicular to the Fowler section (2) as shown.
2. From the head end of the stretcher, slide an X-Ray cassette (5) between the frame of the Fowler section (2) and X-Ray Top (3) until it comes to rest against the support hinge (1). To position the X-Ray cassette vertically, do the following:
3. Loosen cassette holder locking knob (4) by turning it counterclockwise.
4. Then, slide the support hinge (1) up or down as necessary.
5. Secure the support hinge (1) in the desired position by tightening the cassette holder locking knob (4) by turning it clockwise.

To remove an X-Ray cassette, do the following:

6. Grasp the X-Ray cassette (5).
7. Pull it toward the head end of the stretcher until it is free of the Fowler section (2) and X-Ray Top (3).

Trendelenburg / Reverse Trendelenburg Positioning



WARNING

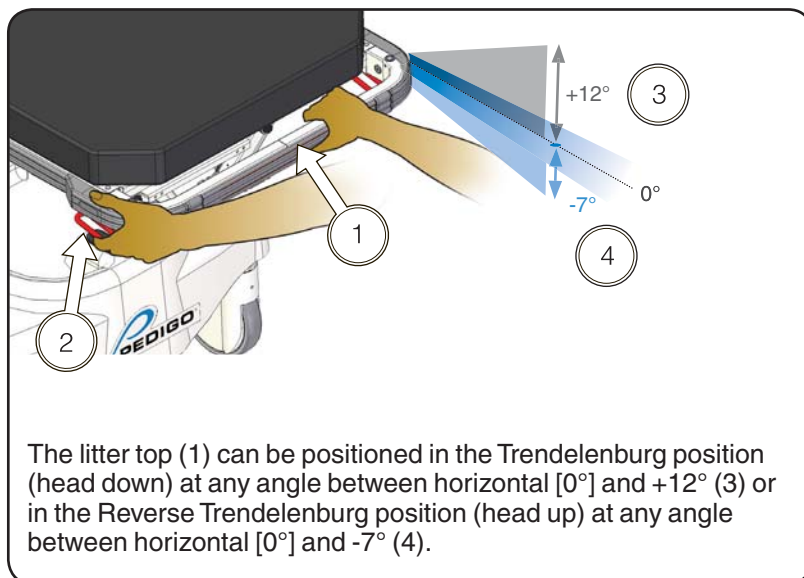
Firmly grasp the litter top during positioning . Failure to do so could result in personal injury to the patient or the operator.

Trendelenburg Positioning

The litter top (1) can be positioned in the Trendelenburg position (head down) at any angle between horizontal [0°] and +12° (3) or in the Reverse Trendelenburg position (head up) at any angle between horizontal [0°] and -7° (4).

To position the litter top (1) in a Trendelenburg position:

1. Grasp the foot end of litter top with one hand at the center of the litter frame.
2. With the other hand, squeeze the Trendelenburg release handle (2) upward.



The litter top (1) can be positioned in the Trendelenburg position (head down) at any angle between horizontal [0°] and +12° (3) or in the Reverse Trendelenburg position (head up) at any angle between horizontal [0°] and -7° (4).

SAFETY INSTRUCTIONS

Depending on the patient's size and weight, the litter top may move when the Trendelenburg release handle (2) is released . You may need to control the movement more than pull upward.

3. Pull (depending on the patient's size) the litter top (1) upward until the desired position is achieved.
4. When the litter top (1) is in the desired position, release the Trendelenburg release handle (2) to lock the litter top in place.

To return the litter top (1) to a horizontal position from the Trendelenburg position:

5. Grasp the foot end of litter top with one hand at the center of the litter frame.
6. With the other hand, squeeze the Trendelenburg release handle (2) upward.
7. Push (depending on the patient's size) the litter top (1) downward until the horizontal (0°) position is achieved. If level lock is present, the lock will come to a rest on the frame when the litter is horizontal.

Reverse Trendelenburg Positioning

To position the litter top (1) in a Reverse Trendelenburg position:

8. Grasp the foot end of litter top with one hand at the center of the litter frame.
9. Squeeze the Trendelenburg release handle (2) with the other hand while holding the litter top.
10. Push (depending on the patient's size) the litter top (1) downward until the desired position is achieved.
11. When the litter top (1) is in the desired position, release the Trendelenburg release handle (2) to lock the litter top in place.

To return the litter top (1) to a horizontal position from the Reverse Trendelenburg position:

1. Grasp the foot end of litter top with one hand at the center of the litter frame.
2. With the other hand, squeeze the Trendelenburg release handle (2) upward.
3. Pull (depending on the patient's size) the litter top (1) upward until the foot end of the litter top is level.
4. Release the Trendelenburg release handle (2) to lock the litter top in place.

Trendelenburg with Level Lock • Option



WARNING

Firmly grasp the litter top during positioning. Failure to do so could result in personal injury to the patient or the operator.

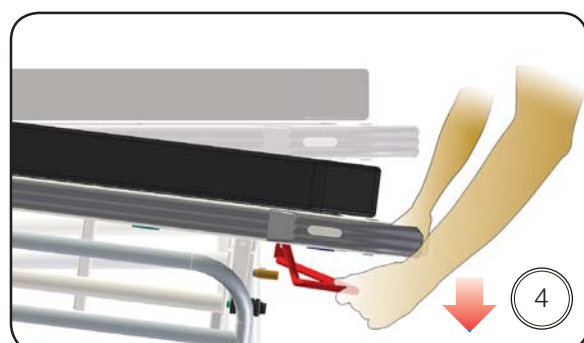
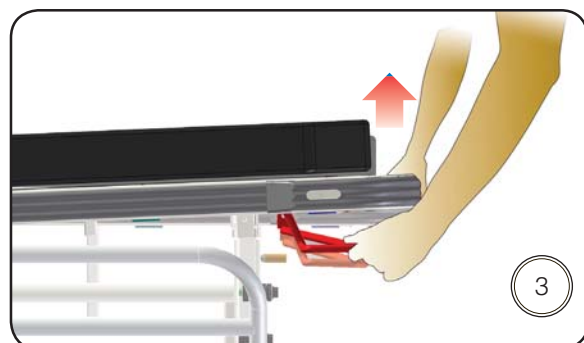
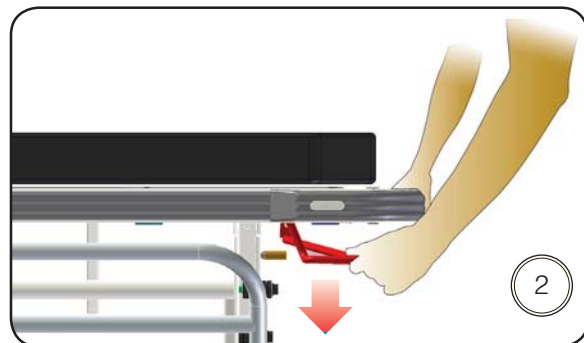
Horizontal Position

The level lock ensures the litter top is returned to horizontal position (0°) quickly and accurately:

Reverse Trendelenburg Positioning

To position the litter top (1) in a Reverse Trendelenburg position:

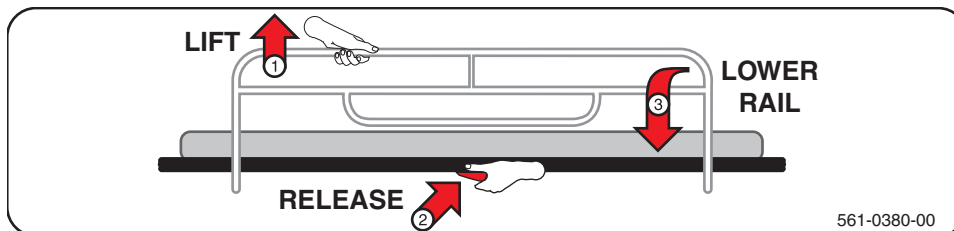
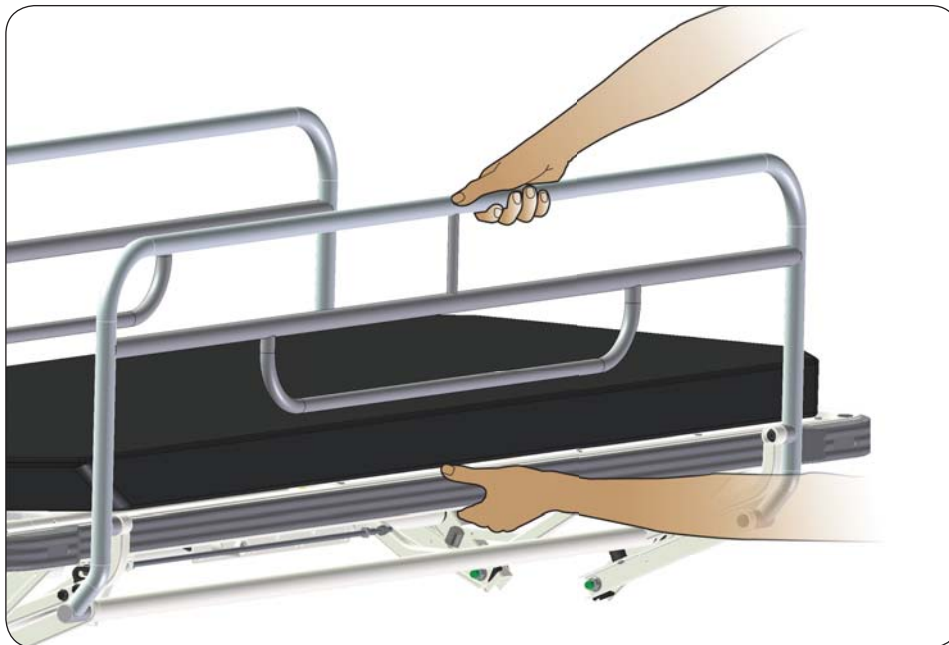
1. Grasp the foot end of litter top with one hand at the center of the litter frame.
2. Push down on the Trendelenburg release handle (2) with the other hand while holding the litter top.
3. Pull upward slightly to disengage the lock. Just enough to take the weight off the lock.
4. Push (depending on the patient's size) the litter top (1) downward past the horizontal 6° position until desired position is achieved.
5. When the litter top (1) is in the desired position, release the Trendelenburg release handle (2) to lock the litter top in place.



To return the litter top (1) to a horizontal position from the Reverse Trendelenburg position:

1. Grasp the foot end of litter top with one hand at the center of the litter frame.
2. With the other hand, squeeze the Trendelenburg release handle (2) upward.
3. Pull (depending on the patient's size) the litter top (1) upward until the foot end of the litter top until an audible "click" is heard.
4. While still squeezing the the Trendelenburg Release Handle, push the litter back down until the lock rests on the frame.
5. Release the Trendelenburg release handle (2) to lock the litter top in place.

Side Rails



To lower the side rail:

1. Grasp the side rail firmly with one hand and lift slightly.
2. Pull up on the side rail while engaging the release latch.
3. Gently lower the side rail.

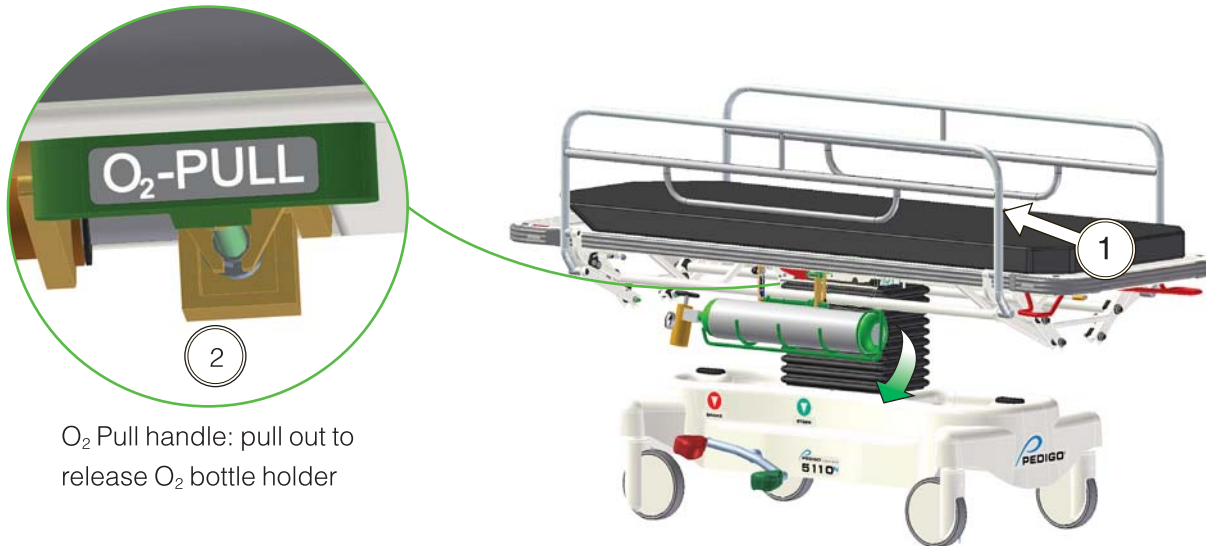
To raise the side rail:

1. Grasp the side rail firmly with both hands and lift the side rail up until the latch automatically locks and secures the side rail in the up position.

WARNING

Firmly grasp the side rail with both hands while raising or lowering. Failure to do so could result in personal injury to patient or the operator.

Oxygen Bottle Holder • Option

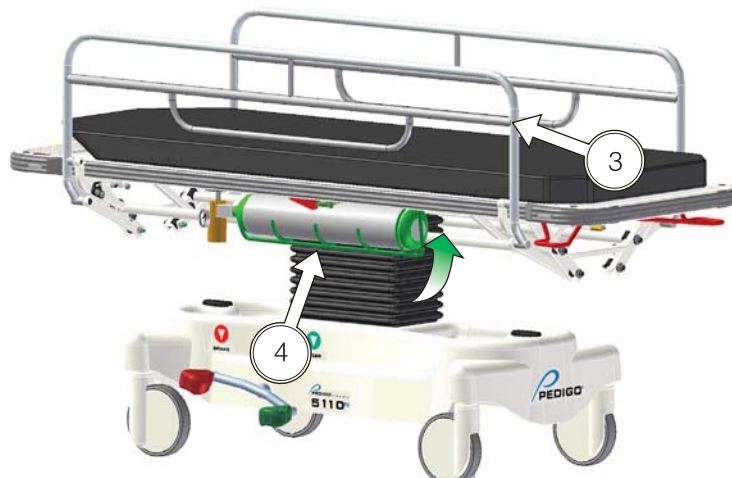


Lower Oxygen Holder

1. Ensure the side rail is in its latched position.
2. Lower the O₂ holder by pulling the “O₂ Pull” handle straight out.

Raise Oxygen Holder

3. Ensure the side rail is in its latched position.
4. Hold the O₂ bottle holder near the center by cupping your hand underneath it. Push the O₂ bottle holder up in an arc until it goes past the latch with an audible “click.” This requires 18 - 25 pounds of force, approximately the weight of a half-sack of flour. The O₂ holder is now in the latched position.



! WARNING

Always push the O₂ holder into the latch position before lowering the side rail. Failure to do so could result in possible injury to user and/or patient.


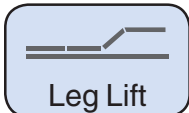

NOTICE

Always push the O₂ holder into the latch position before lowering the side rail. Failure to do so could result in damage to O₂ bottle, regulator, and connecting O₂ lines.


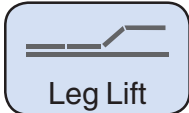

Knee Flex / Leg Lift Options

A stretcher equipped with the Knee Flex option can be placed in the Trauma, Leg Lift, and Knee Flex positions from the foot end of the stretcher.

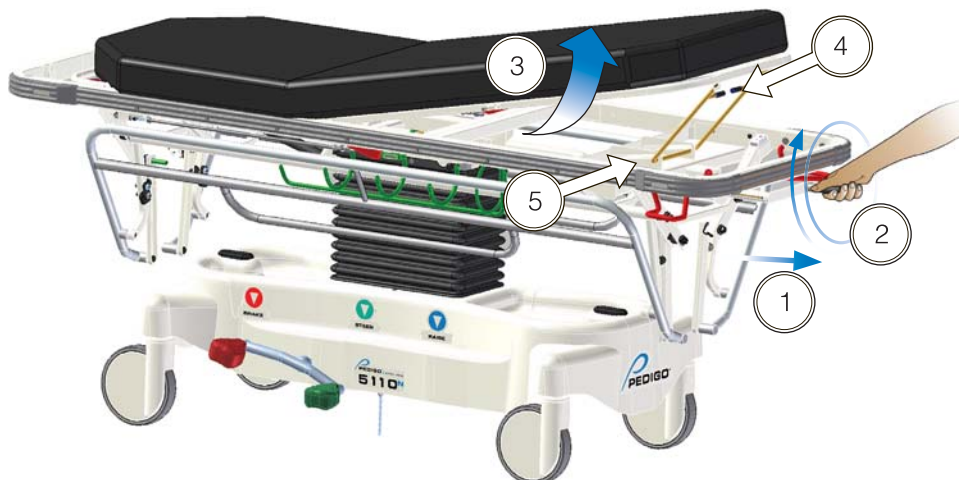
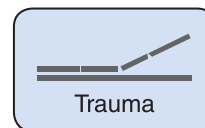
Hand Crank Option

Trauma Position Using Hand Crank	 Trauma	Page 22
Leg Lift Position Using Hand Crank	 Leg Lift	Page 23
Knee Flex Position Using Hand Crank	 Knee Flex	Page 24

Hydraulic Option

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Trauma Position Using Hand Crank • Option



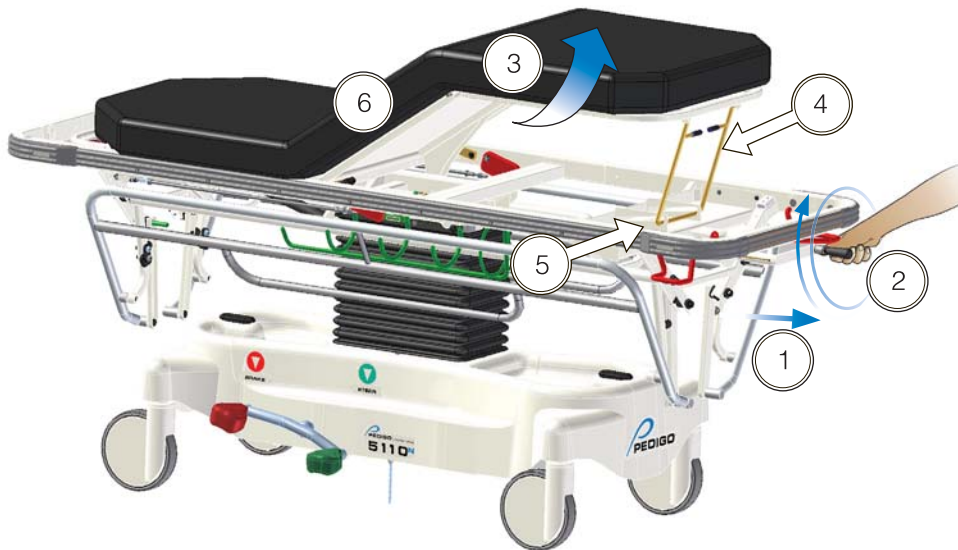
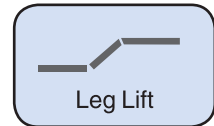
To place the litter top in the trauma position (from a flat bed), do the following:

- Pull out the crank lever (1) to extend it.
- Extend black handle (2) and rotate the crank lever (1) clockwise approximately nine turns, partially elevating the thigh section.
- Lift up on the foot section (3).
- Slide the bail (4) into the locking grooves (5).
The thigh section and the foot section should be angled approximately as shown in the illustration.
- When you've completed positioning the patient, push the crank lever (1) back into the stowed position to prevent it from being damaged.

To return the litter top to the flat position, do the following:

- Slide the bail (4) out of the locking grooves (5).
- Pull out the crank lever (1) to extend it.
- Extend black handle (2) and rotate the crank lever (1) counter-clockwise until it cannot be rotated.
- Push the crank lever (1) back into the stowed position.

Leg Lift Position Using Hand Crank • Option



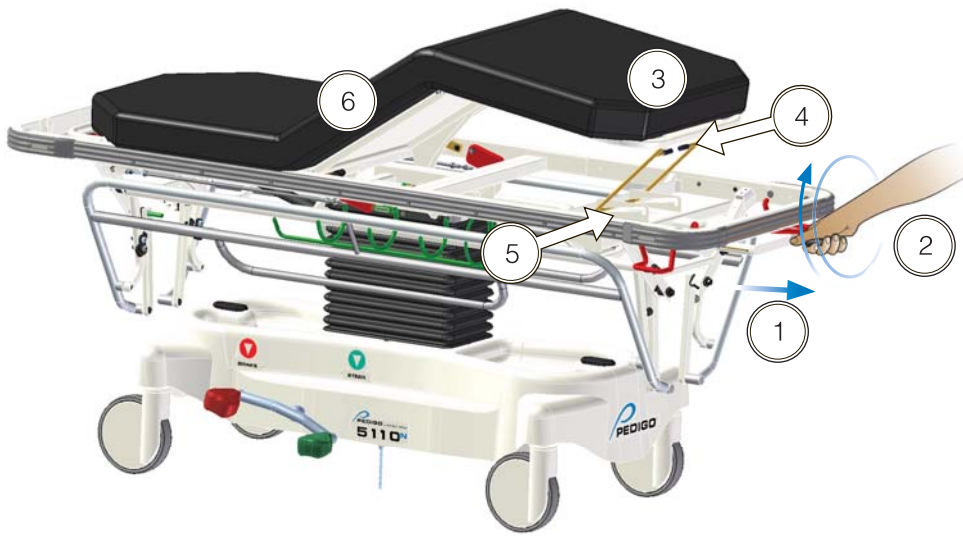
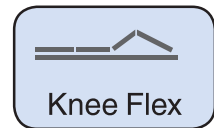
To place the litter top in the leg lift position (from a flat bed), do the following:

- Pull out the crank lever (1) to extend it.
- Extend black handle (2) and rotate the crank lever (1) clockwise until the crank stops.
- The thigh section (6) should be fully elevated.
- Lift up on the foot section (3).
- Slide the bail (4) into the locking grooves (5). The thigh section (6) and the foot section (3) should be positioned as shown in the illustration.
- When you've completed positioning the patient, push the crank lever (1) back into the stowed position to prevent it from being damaged.

To return the litter top to the flat position, do the following:

- Slide the bail (4) out of the locking grooves (5).
- Pull out the crank lever (1) to extend it.
- Extend black handle (2) and rotate the crank lever (1) counter-clockwise until it cannot be rotated.
- Push the crank lever (1) back into the stowed position.

Knee Flex Position Using Hand Crank • Option



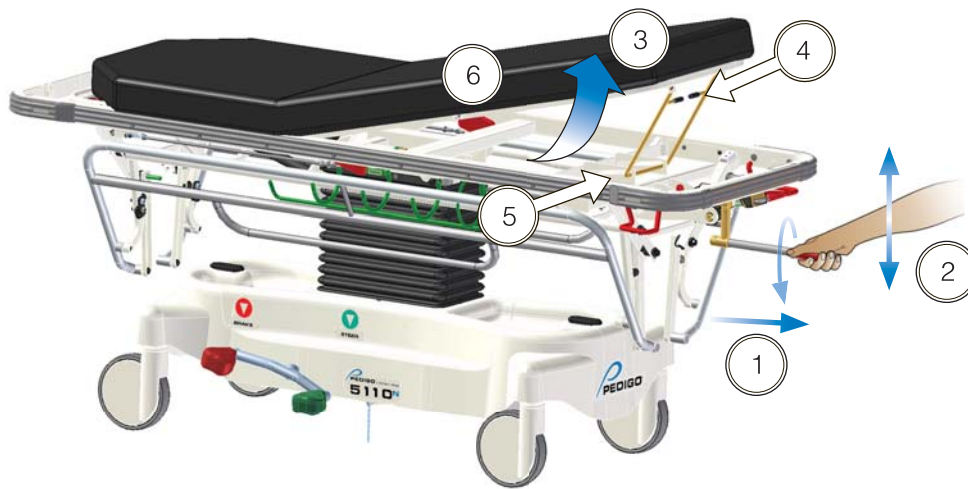
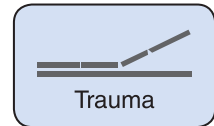
To place the litter top in the Knee Flex position (from a flat bed), do the following:

- Pull out the crank lever (1) to extend it.
- Extend black handle (2) and rotate the crank lever (1) clockwise until the crank stops.
- The thigh section (6) should be fully elevated.
- Then make sure the bail (4) is not in the locking grooves (5).
The thigh section (6) and the foot section (3) should be positioned as shown in the illustration.
- When you've completed positioning the patient, push the crank lever (1) back into the stowed position to prevent it from being damaged.

To return the litter top to the flat position, do the following:

- Pull out the crank lever (1) to extend it.
- Extend black handle (2) and rotate the crank lever (1) counter-clockwise until it cannot be rotated.
- Push the crank lever (1) back into the stowed position.

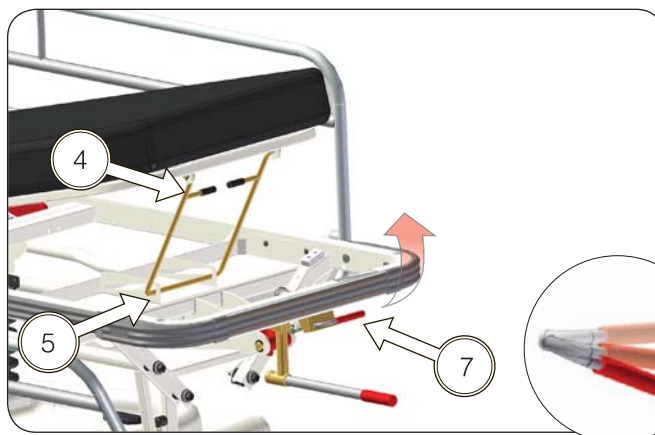
Trauma Position Using Hydraulic • Option



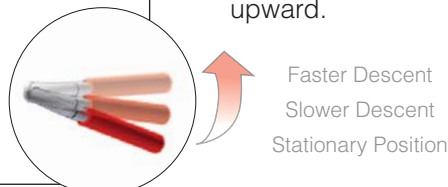
To place the litter top in the trauma position (from a flat bed), do the following:

- Pull out the pump handle (1) to extend it.
- Rotate the pump handle counter-clockwise to lock it in place.
- Pump the handle down (2) to raise the Knee Flex.
- Lift up on the foot section (3).
- Slide the bail (4) into the locking grooves (5).
The thigh section and the foot section should be angled approximately as shown in the top illustration.
- When you've completed positioning the patient, rotate the pump handle (1) clockwise and push the pump handle back into the stowed position to prevent it from being damaged.

To return the litter top to the flat position, do the following:

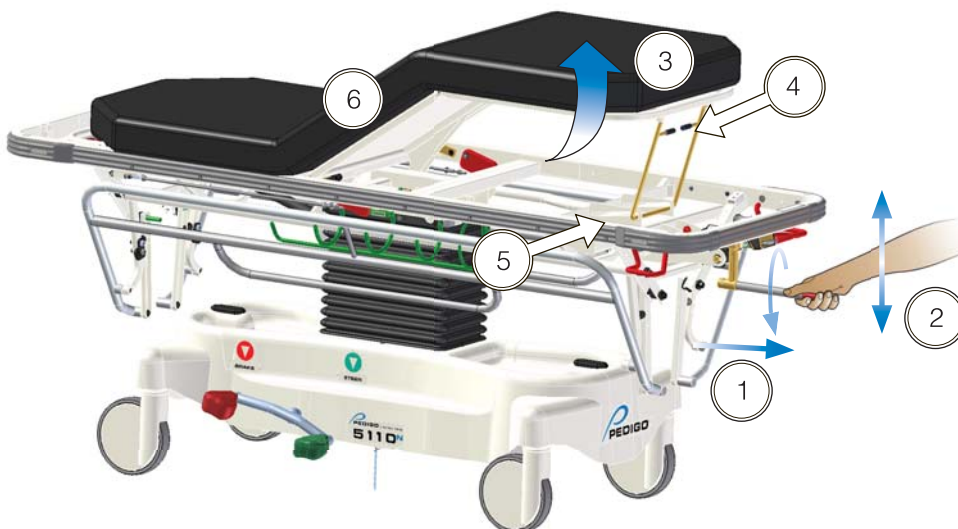
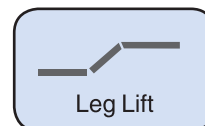


- Move the bail (4) out of the locking grooves (5).
- Slowly squeeze the Hydraulic Release Lever (7) until the top is flat. The rate of the descent is controlled by how much the Hydraulic Release Lever is rotated upward.



When lowering patient's legs using the Hydraulic Release Lever, gently squeeze the lever to control the rate of descent. Failure to do so may result in injury to the patient.

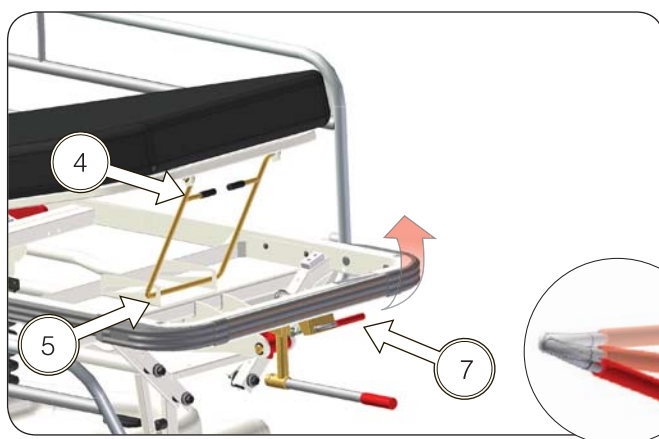
Leg Lift Position Using Hydraulic • Option



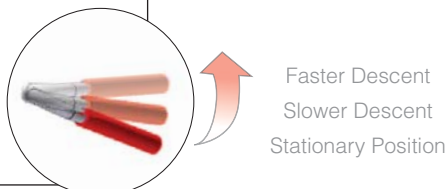
To place the litter top in the leg lift position (from a flat bed), do the following:

- Pull out the pump handle (1) to extend it.
- Rotate the pump handle (1) counter-clockwise to lock it in place.
- Pump the handle down (2) to raise the Knee Flex.
- Pump until the thigh section (6) is fully elevated.
- Slide the bail (4) into the locking grooves (5). The thigh section (6) and the foot section (3) should be positioned as shown in the illustration.
- When you've completed positioning the patient, rotate the pump handle (1) clockwise and push the pump handle back into the stowed position to prevent it from being damaged.

To return the litter top to the flat position, do the following:



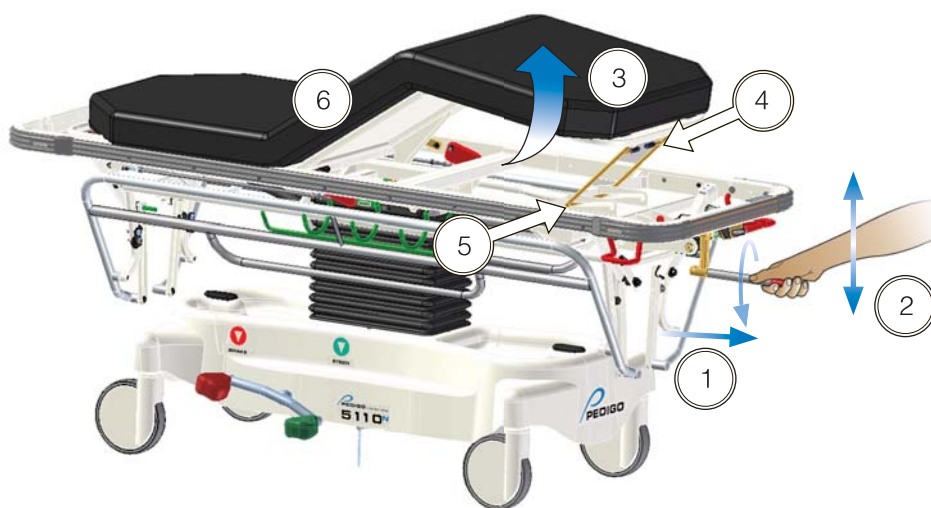
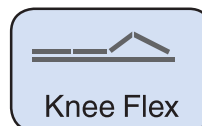
- Move the bail (4) out of the locking grooves (5).
- Slowly squeeze the Hydraulic Release Lever (7) until the top is flat. The rate of the descent is controlled by how much the Hydraulic Release Lever is rotated upward.



CAUTION

When lowering patient's legs using the Hydraulic Release Lever, gently squeeze the lever to control the rate of descent. Failure to do so may result in injury to the patient.

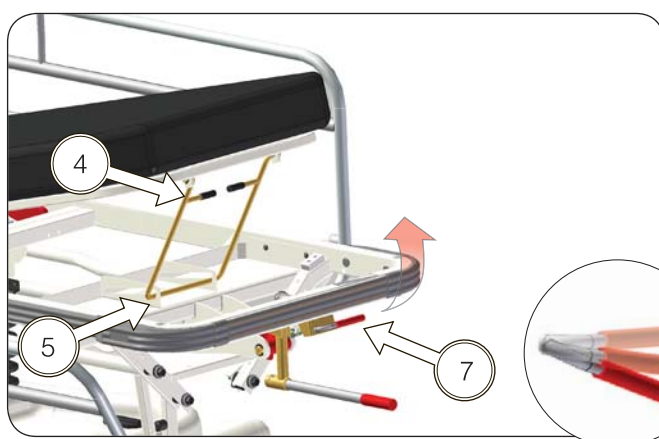
Knee Flex Position Using Hydraulic • Option



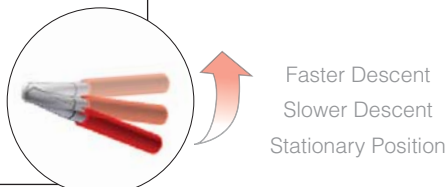
To place the litter top in the leg lift position (from a flat bed), do the following:

- Pull out the pump handle (1) to extend it.
- Rotate the pump handle (1) counter-clockwise to lock it in place.
- Pump the handle down (2) to raise the Knee Flex.
- Pump until the thigh section (6) is fully elevated.
- Then make sure the bail (4) is in the freed position (5). The thigh section (6) and the foot section (3) should be positioned as shown in the illustration.
- When you've completed positioning the patient, rotate the pump handle clockwise and push the pump handle back into the stowed position to prevent it from being damaged.

To return the litter top to the flat position, do the following:



- Move the bail (4) out of the locking grooves (5).
- Slowly squeeze the Hydraulic Release Lever (7) until the top is flat. The rate of the descent is controlled by how much the Hydraulic Release Lever is rotated upward.



When lowering patient's legs using the Hydraulic Release Lever, gently squeeze the lever to control the rate of descent. Failure to do so may result in injury to the patient.

Locating Sockets for I .V . Poles / Accessory Pockets



There are four sockets for mounting I .V . poles on each stretcher; two sockets (1) are located on each end of the stretcher.

There are four accessory pockets for mounting accessories on each stretcher; two accessory pockets (2) are located on each end of the stretcher.

Maintenance

Cleaning

Mattress Cover

Regular care should be maintained by daily wiping with a damp cloth or sponge, and periodic cleaning with a mild soap and water solution.

NOTICE

The mattress cover material is resistant to most medicinal-type stains, but may be damaged by solvents and dyes. Remove any fluids which are spilled on the upholstery immediately. Also, avoid the use of abrasive cleaners, steel wool, chlorinated bleaches, or solvents. Do not use high pressure water jets, submerge, or sterilize.

Check the label on the mattress to determine the fabric type before using any cleaning solution.

Acceptable Cleaning Fluids			
Fabric Type	Cleaning Solution Trade Name	Cleaning Solution Type	Cleaning Solution Manufacturer
For Vinyl-covered mattresses:	Galahad	Phenolic	Puritan
	LPH	Phenolic	Steris Corp
	Amphyl	Phenolic	Reckitt-Benckiser
	One-Stroke	Phenolic	Steris Corp
	Vesphene II	Phenolic	Steris Corp
For Urethane-covered mattresses:	A33	Quaternary	Ecolab
	Blue Chip	Quaternary	S .C . Johnson Co .
	Elimstaph	Quaternary	Walter G . Legge
	Forward DC	Quaternary	S .C . Johnson Co
	Lysol I . C	Quaternary	Reckitt-Benckiser
	Omega	Quaternary	Ecolab
	Pro-Tech RDI-36B	Quaternary	Central Solutions, Inc
	Quat Sanitizer	Quaternary	Ecolab
	Sanikleen	Quaternary	West Penetone
	Virex 128	Quaternary	S .C . Johnson Co
	Super SaniCloth	Quaternary/Isopropyl	Professional Disposables Inc
	SaniCloth Plus	Quaternary/Isopropyl	Professional Disposables Inc
For Either type of mattress	Viro-Chek	Hypochlorite	Bob Barker Co .
	Alcide LD	Chlorine Oxide	Alcide Corporation

Disinfectants: Phenolic disinfectants are the best choice for vinyl products, though properly diluted quaternaries are also acceptable. Quaternary disinfectants are recommended for urethane products. Phenolics should be avoided on urethane. Quaternary/Isopropyl disinfectants are recommended for urethanes, but not recommended for vinyls. All mattresses may be cleaned with a 1:10 dilution of household bleaches containing 5.25% sodium hypochlorite as recommended by the Center for Disease Control in Atlanta, Georgia. There is no harmful effect on the fabric. Disinfectants applied at full concentration or in highly concentrated solutions will decrease the useful life of mattresses. Iodophor type disinfectants used on mattresses may result in staining.

Soils or Stains: Use neutral soap suds and lukewarm water. Do not use harsh cleansers, solvents or detergents.

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.

Painted Metal Surfaces: Wipe all painted metal surfaces with a clean cloth at least once a week.

Unpainted Metal Surfaces: Wipe all unpainted metal surfaces with a clean cloth. Use petroleum jelly or other white lubricants on moving parts. Lubrication will allow free movement of sliding parts and reduce noise.

Preventive Maintenance

Use the following daily inspection table to assure quiet, smooth, and dependable operation.

Have your authorized dealer inspect your stretcher every six months.

Inspection or Service	Action*
Upholstery	Wipe with a clean damp cloth or sponge. Use mild soap and water solution for hard-to-clean areas and stained areas. If disinfectant cleaners are used, do not exceed manufacturer's recommended dilution rate or life expectancy of upholstery may be shortened.
Obvious damage	Visually check condition of stretcher/crib for obvious damage: cracks in components, missing components, dents in components, torn upholstery, leaking fluids, or any other visible damage which would cause stretcher/crib to be unsafe for usage. Repair stretcher/crib before using
Painted metal and plastic surfaces	Wipe with a clean soft damp cloth.
Unpainted metal and chromed surfaces	Wipe with a clean soft damp cloth. Check all metal surfaces for dents or damage that could result in sharp edges. Replace damaged metal.
Elevation column bellows cover	Check bellows cover for rips, tears, or other obvious damage. Repair or replace bellows cover if damaged. Ensure that Velcro restraints or closures are intact.
Restraint Straps	Check restraint straps for fraying, rips, and proper operation. Replace restraint straps if necessary
Fasteners / hardware	Check stretcher/crib for missing or loose fasteners/hardware. Replace any missing hardware and tighten any loose hardware as necessary using removable threadlock if applicable.

* Use the authorized service and parts manual for a particular product before you attempt repairs or adjustments.

Scheduled Maintenance

Inspection or Service	Action*
Moving parts	Lubricate with lithium white grease or petroleum jelly, except linkages, which should be lubricated with Teflon or Silicon based lubricant.
Caster pedal labels	If labels are missing, replace as necessary.
Warning & instructional decals	Check for missing or illegible decals. Replace warning and instructional decals as necessary.
Side rail operation	Check for proper side rail operation, making sure that side rails release and latch easily. Adjust side rails if necessary. Adjust or repair latching mechanism if necessary.
Side rail pivot points	Lubricate side rail pivot points with Teflon or Silicon based lubricant. Check that pivot points move freely during operation of side rails. Repair pivot points if necessary. If bolts/nuts are loose, remove bolts/nuts, apply removable threadlock and reinstall bolts/nuts
Side rail latch mechanism	Lubricate latch mechanism with lithium white grease or petroleum jelly. Check that latch mechanism releases and latches easily. Adjust or repair latch mechanism if necessary.
Caster stem screws	Check caster stem screws for tightness. Remove any loose screws, apply removable threadlock, and reinstall screws and lockwashers.
Caster control pedal	Check control pedals for proper operation. Make sure all pedals work in the brake, neutral, and steer positions. Brake engaged (red pedal down): Check that all four wheels of stretcher will not move when brake is engaged. Neutral (pedal in close to horizontal position): Check that all four wheels operate in free wheel when neutral is engaged. Steer engaged (green pedal down):
TDS True Direction Steering	Check that steer casters lock in forward and reverse positions when steer is engaged. Adjust or repair any of the pedals as necessary
Fowler cylinder and linkage	Lubricate linkage of fowler cylinder with Teflon or Silicon based lubricant. Check fowler cylinder and linkage for proper operation, alignment, and engagement. Make sure cylinder releases and holds. Adjust linkage if necessary. Replace fowler cylinder if it does not operate correctly.
Trendelenburg cylinder and linkage	Lubricate linkage of trendelenburg cylinder with Teflon or Silicon based lubricant. Check trendelenburg cylinder and linkage for proper operation, alignment, and engagement. Make sure cylinder releases, holds, and level locks (if applicable) properly. Adjust linkage if necessary. Replace trendelenburg cylinder if it does not operate correctly.

* Use the authorized service and parts manual for a particular product before you attempt repairs or adjustments.

Calling for Service

If you are having a problem or have a question, refer to the inside front cover of this manual and call Technical Support at the number below. Make sure that you have the information that is highlighted on the inside front cover of this manual available.

Technical Support:

800.822.3501

8:00 a.m. – 5:00 p.m. (Pacific Standard Time in the U.S.)

Monday – Friday, except for standard U.S. holidays.

Specifications

Model Number	5110 ^N	5110 ^W
Weight Capacity	500 lbs. (227 kg)	500 lbs. (227 kg)
Overall Length	83" (211 cm)	83" (211 cm)
Overall Width	29.5" (75 cm)	33.5" (85 cm)
Fixed Height Range		
Low	28" (71 cm)	28" (71 cm)
	29" (73 cm)	29" (73cm)
	30" (76 cm)	30" (76 cm)
	31" (79 cm)	31" (79 cm)
High	32" (81 cm)	32" (81 cm)
Litter Positioning		
Fowler Backrest	0°-90°	0°-90°
Trendelenburg	+12°	+12°
Reverse Trendelenburg	-7°	-7°
Patient Surface	77" x 27" (196 x 69 cm)	77" x 31" (196 x 77 cm)
Side Rails	15" x 63 ⁵ / ₈ " (38 x 162 cm)	15" x 63 ⁵ / ₈ " (38 x 162 cm)
Casters	8" (20 cm)	8" (20 cm)
Warranty	1 year parts and labor	1 year parts and labor

Limited Warranty

Scope of Warranty

Pedigo Products, Inc. warrants to the original purchaser its new hospital stretchers and components (except for components not warranted under “Exclusions”) manufactured by Pedigo to be free from defects in material and workmanship under normal use and service. Pedigo’s obligation under this warranty is limited to the repair or replacement, at Pedigo’s option, of the parts or the products the defects of which are reported to Pedigo within the applicable warranty period and which, upon examination by Pedigo, prove to be defective.

Applicable Warranty Period

The applicable warranty period, measured from the date of delivery to the original user, shall be one (1) year for all warranted products and components.

Exclusions

This warranty does not cover and Pedigo shall not be liable for the following: (1) repairs and replacements because of misuse, abuse, negligence, alteration, accident, freight damage, or tampering; (2) products which are not installed, used, and properly cleaned as required in the Pedigo “Installation” and or “Installation / Operation Manual” for this applicable product; (3) products considered to be of a consumable nature; (4) accessories or parts not manufactured by Pedigo; (5) charges by anyone for adjustments, repairs, replacement parts, installation, or other work performed upon or in connection with such products which is not expressly authorized in writing in advance by Pedigo.

Exclusive Remedy

Pedigo’s only obligation under this warranty is the repair or replacement of defective parts . Pedigo shall not be liable for any direct, special, indirect, incidental, exemplary, or consequential damages or delay, including, but not limited to, damages for loss of profits or loss of use.

No Authorization

No person or firm is authorized to create for Pedigo any other obligation or liability in connection with the products.

THIS WARRANTY IS PEDIGO’S ONLY WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED PEDIGO MAKES NO IMPLIED WARRANTIES OF ANY KIND INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS.



Installation & Operation Manual

5110 Series Stretchers



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