

5400^N/5400^W

Installation & Operation Manual

5400 Series Stretchers



Part Number: 504-0054-00

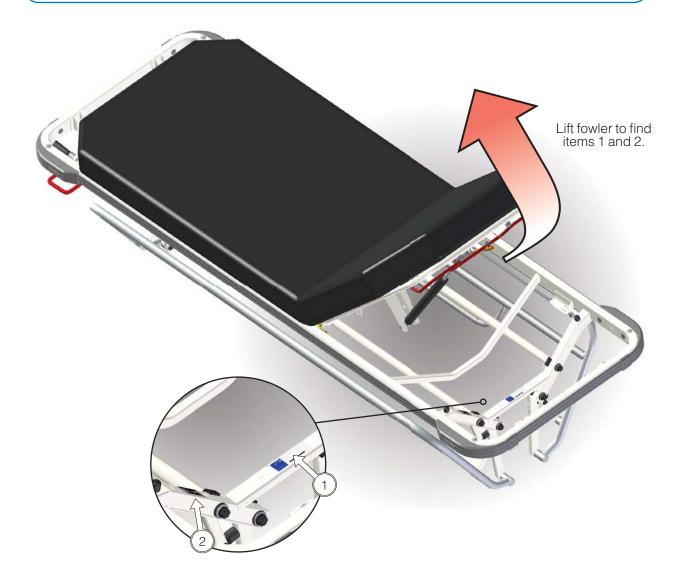
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Owner's Product Identification

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 5400-N / 5400-W Trauma Transport 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

A DANGER

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.

AWARNING

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

AWARNING

The 5400-N stretcher weighs approximately 290 lbs (132 kgs) and the 5400-W stretcher weighs approximately 300 lbs (136 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.

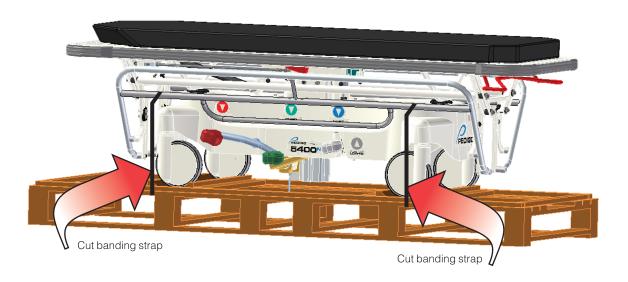


Indicates that the product must be kept dry.



Indicates the proper shipping orientation for the product.

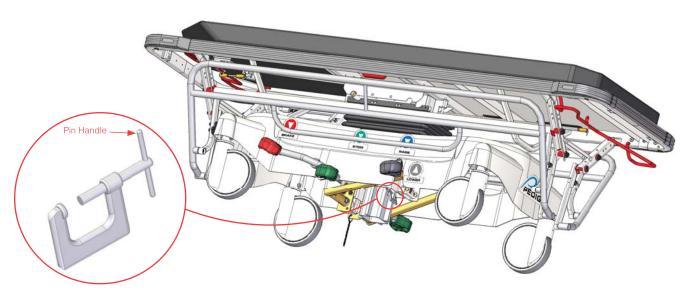
- 1. Carefully remove the packaging from the stretcher.
- 2. Cut the two banding strips.



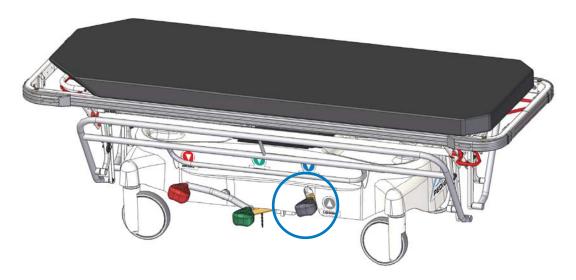
3. Lift the stretcher off the shipping skid and allow caster wheels to rest firmly on the floor.

NOTICE

Remove the column clamp by turning the sliding pin handle. Failure to do so may damage the stretcher.



4. Raise the litter to its maximum height by pumping the pedal highlighted below. For more information, see Litter Top Height Adjustment on page 14.





Pump the single grey pedal down to raise the litter to its maximum height.

5. 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 TDS or page 13 IS6.
- 3) Trendelenburg and Fowler work properly.
- 4) Side rails work properly.
- 5) Mattress is not torn or damaged, etc.

Description

Introduction

The Model 5400-N / 5400-W General Transport Stretcher is primarily used to support and transport patients in any treatment or procedures environment, and may be used for general examinations and procedures. The stretcher's litter top height is hydraulically adjustable through the use of a foot pedal. The litter top is infinitely adjustable from a full horizontal table position to a full sitting position through the use of a pneumatic Fowler assist. Also, the litter top can be pneumatically adjusted into the Trendelenburg and Reverse Trendelenburg positions. For additional features, options, and accessories, see Checklist of Installed Options and Authorized Accessories on page 10.

Features

- Hydraulically-adjustable litter top height, which can be adjusted from 23" to 32.75" (58 cm to 83 cm).
- 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.

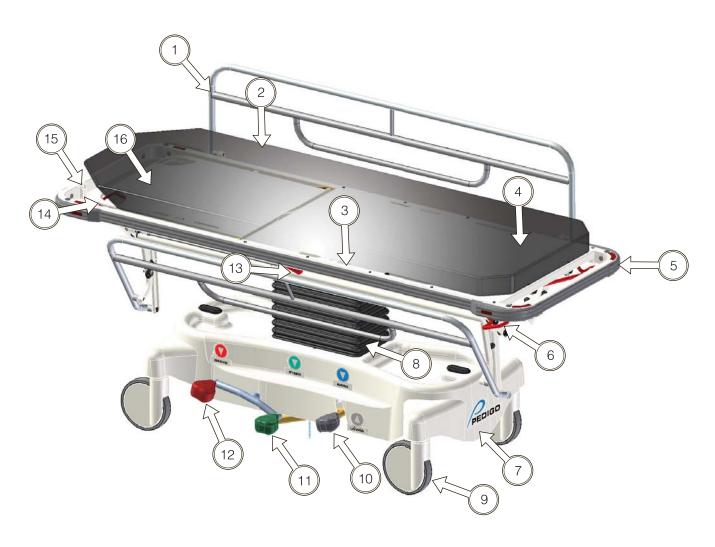
Options

- **IS6**[™] Instant Steer Six Wheel Steering centrally fixed casters to allow the stretcher to pivot around its center for better steering and turning control, as well as straight-line movement down a hallway.
- 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.

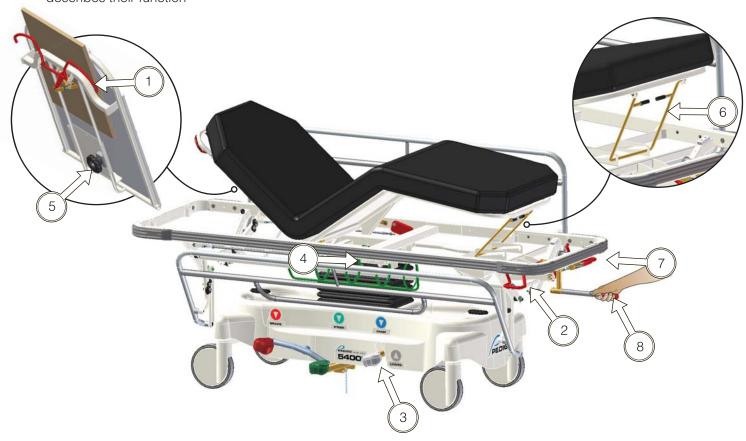


Description of Components

| 1. | Side rails | 9. | Casters |
|----|-----------------------|-----|---------------------------------------|
| 2. | Mattress | 10. | Litter Top Raise / Lower Pedal |
| 3. | Litter Top | 11. | True Direction Steering Control Pedal |
| 4. | Knee Flex Option | 12. | Brake Pedal |
| 5. | Perimeter Bumper | 13. | Side rail Release Handle |
| 6. | Trendelenburg Control | 14. | Fowler Control |
| 7. | Chassis | 15. | Accessory Receptacles |
| 8. | Column | 16. | Fowler Section (adjustable) |
| | | | |

Controls and Indicators

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



| R | eference / 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. | Raise/Lower Pump Pedal | Used to raise or lower the litter top . See "Litter Top Height Adjustment" on 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.

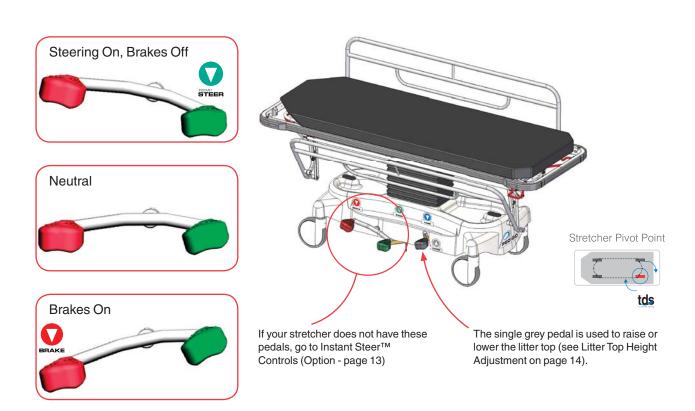
| \checkmark | Option Name - Factory Install Required | Narrow Item Number | Wide Item Number |
|--------------|---|------------------------------------|------------------|
| | Full X-Ray Litter Top, Narrow 750203 | | 750204 |
| | Partial X-Ray Fowler, Narrow | X-Ray Fowler, Narrow 750205 750206 | |
| | CuVerro® Side Rail Upgrade | 750303 | |
| | Red Bumpers | 750401 | |
| | Teal Bumpers | 750 |)402 |
| | Paper Roll Holder 18" (exc . Knee Flex) | 596 | 6001 |
| | Paper Roll Holder 21" (exc . Knee Flex) | 596 | 6003 |
| | IV Caddy | 5916 | 33001 |
| | IV Pole With Storage Tube | 750501 | 750502 |
| | IV Pole, Fold Down | 5917 | 75001 |
| | Quick Release O ₂ Holder | 750 | 0213 |
| | Storage Bag Hook | 750 |)215 |
| \checkmark | Accessories Name - Factory Install Not Required | Narrow Item Number | Wide Item Number |
| | IV Pole, Fixed height | 21 | 01 |
| | IV Pole, 7/8" Adjustable/removable | 598 | 4001 |
| | IV 7/8" storage tube, with cable attachment | 598 | 3001 |
| | O ₂ Holder, Vertical | 5981001 | |
| | Restraint Straps, Velcro, pair | 5903001 | |
| | Restraint Straps, Buckle, pair | 5904001 | |
| | Chart Holder Requires: 5985001 (N) / 5986001 (W) or 59115001 (N) / 59116001 (W) | 5967001 | |
| | Side rail Pads, pair | 5701002 | |
| | Head/Foot Extension Pad, 3" pad | 570 | 8001 |
| | Head/Foot Extension without pad | 5996001 | 5997001 |
| | Push/Pull Bar - Removable | 5985001 | 5986001 |
| | Push/Pull Bar Pad | 5704001 5705001 | |
| | Monitor Tray Board, with chart holder 59115001 59116 | | 59116001 |
| | Stirrups-Set Includes: 5994001 59100001 | | 00001 |
| | 3" Standard Mattress (Black) 5828002 583100 | | 5831002 |
| | 3" Premium Mattress (Blue) 5850002 585 | | 5852002 |
| | 4" Standard Mattress (Black) 5829002 5832002 | | 5832002 |
| | 4" Premium Mattress (Blue) 5851002 585300. | | 5853002 |
| | 4" Pressure Relief Mattress 5833002 583 | | 5834002 |
| | 5" Premium Mattress (Blue) Special Order Only | 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.





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.



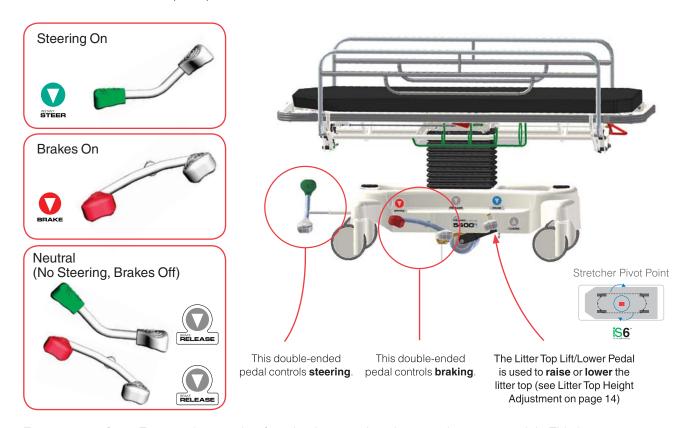
Make sure the stretcher does not roll with the brakes engaged. Also, make sure to engage the brakes when the stretcher is left unattended. Failure to do so could result in personal injury to patient or staff.



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.

Instant Steer™ Controls **S6** • Option

Instant Steer is a factory-installed option that provides separate steering and braking controls. Steering is controlled by the double-ended pedal control at the head end of the stretcher. Braking is controlled by the double-ended pedal controls at the sides of the stretcher. For improved control, the **IS6** feature creates a pivot point at the center of the stretcher.



Engage steering: Engage the steering function by pressing down on the green pedal. This lowers two casters under the center of the stretcher, which allows the stretcher to pivot about its center. In addition, this allows the stretcher to roll straight when pushed down a hallway.

Release steering: Release the steering function by pressing down on the grey pedal at the head end. This raises the steering casters and places the stretcher in Neutral mode. Neutral is used to position the stretcher in a room, against a wall, or closer to a bed to transfer a patient.



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.



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 grey 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 grey brake release pedal found on either side of the stretcher.



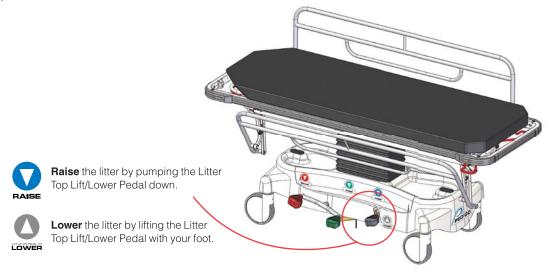
Make sure the stretcher does not roll with the brakes engaged. Also, make sure to engage the brakes when the stretcher is left unattended. Failure to do so could result in personal injury to patient or staff.



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.

Litter Top Height Adjustment

The litter top can be hydraulically positioned at any height from 23 in (58 cm) to 32.75 in (83 cm). A single grey pump pedal, referred to as Litter Top Lift/Lower Pedal, is located on each side of the stretcher, as shown below.

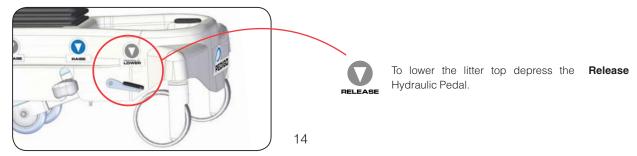


Raise Litter top: To raise the litter top, depress the Litter Top Lift/Lower Pedal to the floor and repeat until the desired litter height is reached.

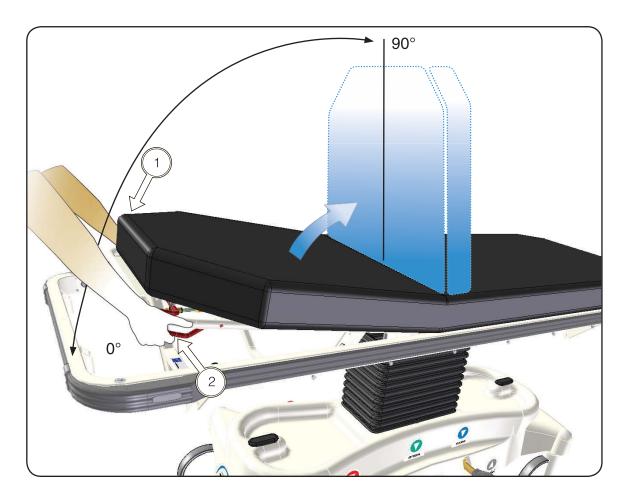
Lower Litter top: To lower the litter top, lift the Litter Top Lift/Lower Pedal. Remove your foot from the pedal when the desired height is reached.

Hydraulic Release Option

The Hydraulic Release Option is a factory-installed option. This allows the operator to lower the litter by depressing the Hydraulic Release Pedal, instead of lifting up on the Litter Top Lift/Lower Pedal.



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:

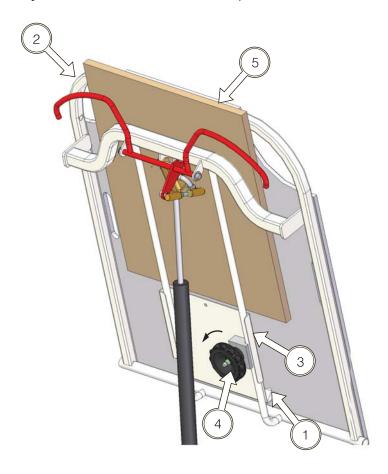
- 1. Firmly grasp the end of the Fowler section (1), located on the head end of the stretcher, with both hands.
- 2. Squeeze the Fowler release handle (2) upward.

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.



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:

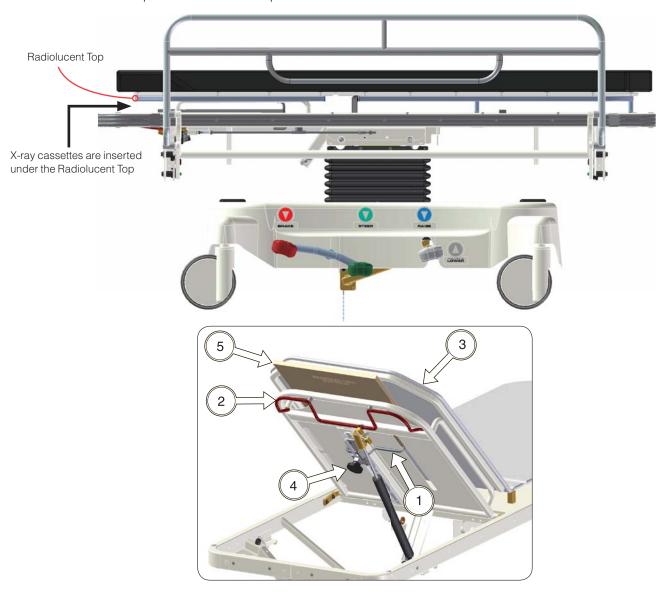
- 6. Grasp the X-Ray cassette (5).
- 7. Pull it toward the head end of the stretcher until it is free of the Fowler section (2) and cassette holder (3).

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

AWARNING

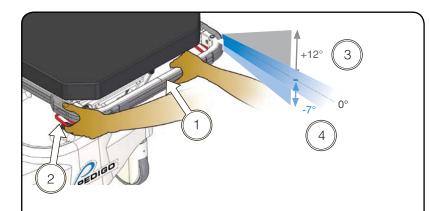
Firmly grasp the litter top during positioning. Failure to do so could result in personal injury to the patient or the operator.

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:

- 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 $[0^{\circ}]$ and $+12^{\circ}$ (3) or in the Reverse Trendelenburg position (head up) at any angle between horizontal $[0^{\circ}]$ 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.

Reverse Trendelenburg Positioning

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

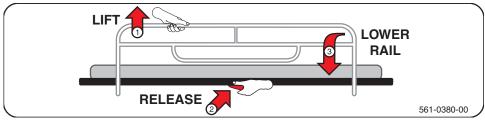
- 8. Grasp the foot end of litter top with one hand at the center of the litter frame.
- 9. Squeeze the Trendelenburg release handle (2) with the other hand while holding the litter top.
- 10. Push (depending on the patient's size) the litter top (1) downward until the desired position is achieved.
-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

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.

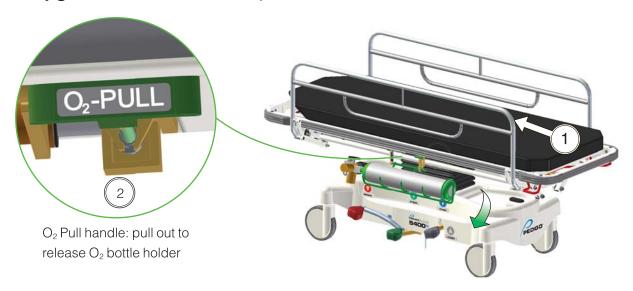
To raise the side rail:

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.



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.





Always push the O_2 holder into the latch position before lowering the side rail. Failure to do so could result in possible injury to user and/or patient.



Always push the O_2 holder into the latch position before lowering the side rail. Failure to do so could result in damage to O_2 bottle, regulator, and connecting O_2 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.

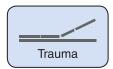
Hand Crank Option

| 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

| Trauma Position Using Hydraulic pump | Trauma | Page 25 |
|---|-----------|---------|
| Leg Lift Position Using Hydraulic pump | Leg Lift | Page 26 |
| Knee Flex Position Using Hydraulic pump | Knee Flex | Page 27 |

Trauma Position Using Hand Crank • Option





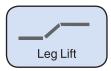
To place the litter top in the trauma position (from a flat bed), do the following:

- 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:

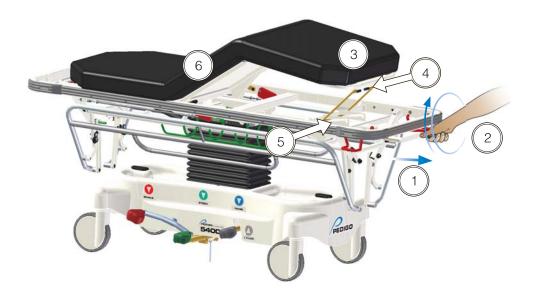
- Pull out the crank lever (1) to extend it.
- Extend black handle (2) and rotate the crank lever (1) clockwise until the crank stops.
- The thigh section (6) should be fully elevated.
- Lift up on the foot section (3).
- Slide the bail (4) into the locking grooves (5). The thigh section (6) and the 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





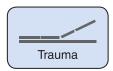
To place the litter top in the Knee Flex position (from a flat bed), do the following:

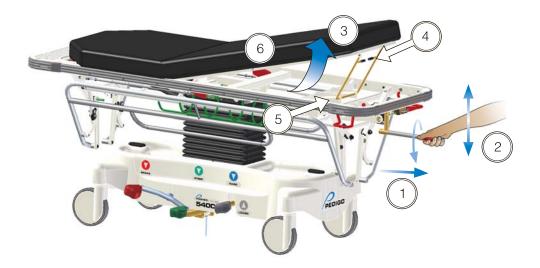
- Pull out the crank lever (1) to extend it.
- Extend black handle (2) and rotate the crank lever (1) clockwise until the crank stops.
- The thigh section (6) should be fully elevated.
- Then make sure the bail (4) is not in the locking grooves (5). The thigh section (6) and the foot section (3) should 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

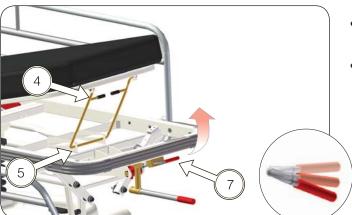




To place the litter top in the trauma position (from a flat bed), do the following:

- 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:



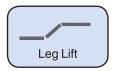
- Move the bail (4) out of the locking grooves (5).
- Slowly squeeze the Hydraulic Release Lever (7) until the top is flat. The rate of the descent is controlled by how much the Hydraulic Release Lever is rotated upward.

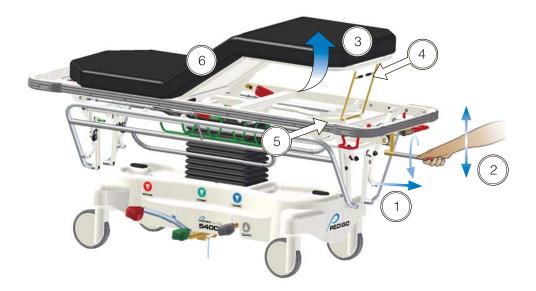
Faster Descent
Slower Descent
Stationary Position



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

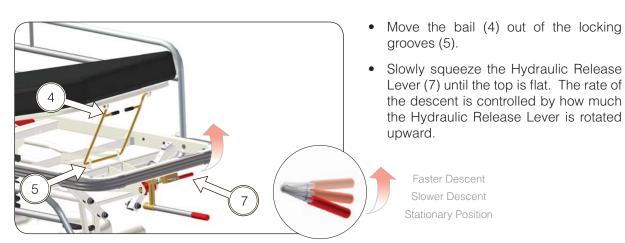




To place the litter top in the leg lift position (from a flat bed), do the following:

- 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:

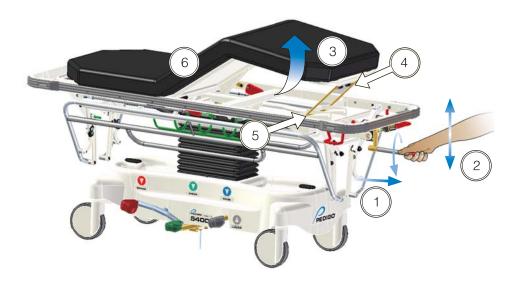




When lowering patient's legs using the Hydraulic Release Lever, gently squeeze the lever to control the rate of descent . Failure to do so may result in injury to the patient.

Knee Flex Position Using Hydraulic • Option

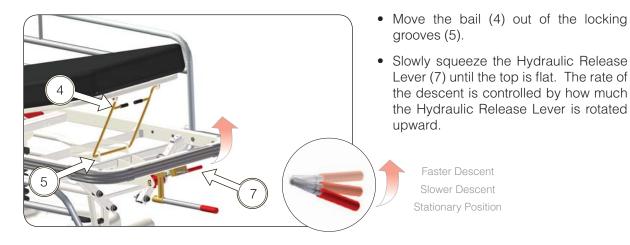




To place the litter top in the leg lift position (from a flat bed), do the following:

- 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:



A 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.

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 | Galahad | Phenolic | Puritan |
| mattresses: | LPH | Phenolic | Steris Corp |
| | Amphyl | Phenolic | Reckitt-Benckiser |
| | One-Stroke | Phenolic | Steris Corp |
| | Vesphene II | Phenolic | Steris Corp |
| For Urethane-covered | A33 | Quaternary | Ecolab |
| mattresses: | 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 | Viro-Chek | Hypochlorite | Bob Barker Co . |
| mattress | 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 |
| IS6 Instant Six Wheel Steering | Check both steering wheels contact floor when steering engaged. Adjust or repair any of the pedals as necessary |
| Elevation pump pedal(s) | Check elevation cylinder pedals for firmness. Check that stretcher. Litter top lowers when pump pedal is raised. |
| Hydraulic elevation pump | Check hydraulic pump for leaks. If stretcher does not have full travel or release properly, contact Pedigo customer service. |
| 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 | 5400 ^N | 5400 ^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) |
| Height Range | | |
| | Low 23" (58 cm) | 23" (58 cm) |
| | High32.75" (83 cm) | 32.75" (83 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

5400 Series Stretchers



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