



A guide for:  
**Shor-Line Surgery Tables,  
Classic Base**

(Table Models May Vary)

**SHOR-LINE**

**▲WARNING** This product is for animal use only. We do not condone this product for other uses.

**▲WARNING** To reduce the risk of injury, the user must read and understand this guide before installation of this product.

Save This Guide For Future Reference

PN: 006.9030.21  
Updated: 20220914



# Introduction

We hope this guide answers any questions you might have in regards to use, care or installation. If you can't find the answers to your questions, have further questions or would like to purchase additional products, please contact us at 800.444.1579 or 913.281.1500. If in Europe phone +44 1446 77 20 41.

Consider keeping this guide in a safe and convenient place for future assistance.

**IMPORTANT:** DO NOT ATTEMPT TO DISASSEMBLE TABLE WITHOUT CONTACTING SHOR-LINE.

For your safety, please follow the instructions on these labels:

## **⚠CAUTION ⚠WARNING**

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**⚠WARNING** This product is for animal use only. We do not condone this product for other uses.

**⚠WARNING** To reduce the risk of injury, the user must read and understand this guide before installation of this product.

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Surgery Table model illustrations may vary depending upon release year and model purchased.

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### **⚠CAUTION**

Your Surgery Table is heavy so precautions must be taken. Use two or more people when unpacking your shipment.

### **⚠CAUTION**

Tables shipped during cold weather should be allowed to warm up to room temperature before operating foot pump.

### **⚠CAUTION**

This product is for animal use only. We do not condone this product for other uses.

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• Basic Flat Top Surgery Table	Item #903.4010.02
• Flat Top, Hydraulic	Item #903.4000.01
• Flat Top, Hydraulic, Preset Heated, 120V	Item #903.4200.01
• Flat Top, Hydraulic, Preset Heated, 240V	Item #903.4300.01
• Flat Top, Hydraulic, Non-Rotational	Item #903.4010.01
• Flat Top, Hydraulic, Non-Rotational, Preset Heated, 120V	Item #903.4210.01
• Flat Top, Hydraulic, Non-Rotational, Preset Heated, 240V	Item #903.4310.01
• Flat Top, Electric, 120V	Item #903.4020.02
• Flat Top, Electric, 240V	Item #903.4040.00
• Flat Top, Electric, Preset Heated, 120V	Item #903.4220.01
• Flat Top, Electric, Preset Heated, 240V	Item #903.4340.01
• Basic V-Top Surgery Table	Item #903.4110.02
• V-Top, Hydraulic	Item #903.4100.02
• V-Top, Hydraulic, Preset Heated, 120V	Item #903.4400.01
• V-Top, Hydraulic, Preset Heated, 240V	Item #903.4500.01
• V-Top, Hydraulic, Non-Rotational	Item #903.4110.01
• V-Top, Hydraulic, Non-Rotational, Preset Heated, 120V	Item #903.4410.01
• V-Top, Hydraulic, Non-Rotational, Preset Heated, 240V	Item #903.4510.01
• V-Top, Electric, 120V	Item #903.4120.02
• V-Top, Electric, 240V	Item #903.4140.00
• V-Top, Electric, Preset Heated, 240V	Item #903.4540.01
• V-Top, Electric, Preset Heated, 120V	Item #903.4420.01
• Feline Surgery Table, Hydraulic	Item #903.4000.05
• Feline Surgery Table, Pedestal Base	Item #903.4010.03



## Section 1: Unpacking & Inspecting Shipment

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### Unpacking & Inspecting Steps

Your Surgery Table is shipped in two cartons and should be carefully examined upon arrival for possible damage in shipment. If any damage is found, notify Shor-Line immediately.

#### Step 1

Locate the Packing Slip that describes the parts and quantities shipped.

#### Step 2

Review Section 12: Shor-Line's Warranty Information. For more information visit: [www.shor-line.com](http://www.shor-line.com)

#### Step 3

Be sure that all parts are contained for your Surgery Table.

#### Step 4

Check content for concealed damage.

Call Shor-Line immediately so we can expedite replacements or repairs.

## Parts List

QTY	PART	DISCRIPTION (PART NUMBER)		PART	DISCRIPTION (PART NUMBER)
1		HYDRAULIC BASE, ROTATING (P/N 803.4000.33)	OR		HYDRAULIC BASE, NON ROTATING (P/N 803.4000.34)
1		ELECTRIC BASE, 120V OR 240V (P/N 803.4020.02 120V) (P/N 803.4020.03 240V)	OR		PEDESTAL BASE (P/N 803.4010.03)
1		VTOP TABLE TOP (P/N 803.4100.03)	OR		FLAT TOP TABLE TOP (P/N 803.4000.01)
1		VTOP, HEATED TABLE TOP (P/N 803.4101.05 120V) (P/N 803.4101.06 240V)	OR		FLAT, HEATED TABLE TOP (P/N 803.4001.04 120V) (P/N 803.4001.05 240V)
1		FELINE SURGERY TABLE W/RAIL (803.4000.10)			

## Replacement Parts


















REPLACEMENT PART	PART NUMBER
Scuff Pad, Leveling Leg	051.0000.00
Handle, 5/8 - 11 Stud	058.1003.00
Knob Assembly, V-Top	803.4100.07
Heating Element, Flat, 120V	049.1000.06
Heating Element, Flat, 240V	049.1000.07
Heating Element, V-Top, 120V	049.1000.08
Heating Element, V-Top, 240V	049.1000.09
Heat Control, V-Top	074.0007.00
Heat Control, Flat Top	074.0006.00

## Optional Accessories

PRODUCT	PART NUMBER	BENEFITS AND FEATURES
Classic Surgery Table Caddie	803.0002.02	Easy to install. Provides mobility for hydraulic base Shor-Line Classic Surgery tables for assistance with cleaning.
Vacu-Positioner	914.0002.00	The vacuum property of the pad holds your patients in position for surgery while minimizing heat loss, without sandbags, adhesive tape or bolsters.
Thoracic Positioner	803.0003.00	Intended for the Flat Top Surgery Tables to hold patients in the desired position which allows you to operate efficiently.
Utility Table	903.2004.00	The stainless steel top holds up to 50 pounds. Perfect for any hospital needing an easy to clean table for procedures. With an adjustable top and locking casters the uses are endless.
Mobile Instrument Table	903.2003.00	Equipped with locking castors and a table top that slides over all standard small animal surgery tables your surgical instruments will be within reach at all times.
Stat Mats / Surgery Table Pads	Flat and V-Top Models Available	Provides conductive warmth and cushioned comfort for animals during short or long procedures. Seamless, waterproof and stain resistant makes for easy clean-up and long lasting.
Collection Pails	904.9001.01 With Casters 190.9000.04 Pail Only	Seamless stainless steel is perfect for cleaning and sanitation. Kick it around the O.R. as the caster base makes it virtually un-tipable.
IV Holders	803.0006.10 Rail Attachment 803.0010.02 Mobile Stand	Rail attachment fluid holder length allows just enough gravity that fluids remain level in all surgical table positions whereas the mobile provides the flexibility to place IV fluids where you need it.
Surgery Table Height Extenders	803.4000.09 3" Adaptor 803.4000.07 6" Adaptor	For those customers needing additional height during surgical procedures. These extenders are easily installed on any of the Classic V-Top and Flat Top Surgery Tables.

**NOTE:** For questions regarding an additional purchase, dial 800.444.1579 or 913.281.1500. If in Europe, dial +44 1446.77.20.41.

## Mounting Hardware

V-TOP TABLE TOP				FLAT TABLE TOP				FELINE TABLE TOP			
QTY	PART	DISCRIPTION (PART NUMBER)	QTY	PART	DISCRIPTION (PART NUMBER)	QTY	PART	DISCRIPTION (PART NUMBER)	QTY	PART	DISCRIPTION (PART NUMBER)
4		FLAT WASHER (065.3700.07)	4		LOCK WASHER (065.3700.01)	4		FLAT WASHER (0665.2500.12)	4		LOCK WASHER (065.2500.10)
4		LOCK WASHER (065.3700.01)	4		FLAT WASHER (065.3700.07)	4		LOCK WASHER (065.2500.10)	4		TRUSS HD SCREW (062.1010.00)
4		NYLON WASHER (27610107)	4		HEX HEAD BOLT (062.3707.00)	4		CAM CLEAT (803.0006.40)	4		CAM CLEAT (803.0006.40)
4		HEX NUT (064.3700.10)	4		CAM CLEAT (803.0006.40)	4		CAM CLEAT (803.0006.40)	4		CAM CLEAT (803.0006.40)
4		CAM CLEAT (803.0006.40)									

## Section 2: Safety, Grounding Instructions and Features

### Safety and Grounding Instructions

When using electrical equipment, basic safety precautions must be followed, including:

- Read all instructions before using this equipment. Improper installation could cause product malfunction.
- This equipment must be grounded. Connect only to properly grounded outlet. See Grounding Instructions and Installation below.
- Install or locate this equipment only in accordance with the provided installation instructions.
- Use this equipment only for its intended use as described in this guide.
- This equipment should not be used by children.
- Do not operate this equipment if it has a damaged cord or plug, if it is not working properly, or if it has been damaged in any manner.
- Do not cover or block any opening on the equipment.
- Do not use outdoors.
- Do not immerse cord, plug or equipment in water.
- Do not let cord hang over edge of table or counter.
- Turn equipment off at switch before unplugging from wall outlet.
- When unplugging equipment, grip plug, not cord.
- Contact Shor-Line for examinations, repairs or adjustments.

### Grounding Instructions & Installation

This equipment must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This equipment is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

#### **▲WARNING**

Improper use of the grounding plug can result in risk of electric shock.

Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

For personal safety, this equipment must be properly grounded by being plugged directly into a 120 Volt, 50/60 Hz, or 240 Volt, 50/60 Hz (United Kingdom and Europe only), grounded polarized three prong outlet (see voltage label on product). DO NOT, under any circumstances, cut or remove the third (round) prong from the power cord (Fig. 2A).

The use of an extension cord, even a heavy duty cord, is not recommended because of potential safety hazards.

Where a standard two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the consumer to have it replaced with a properly grounded and polarized wall receptacle in accordance with the National Electrical Code.

Where local codes permit, a TEMPORARY CONNECTION may be made to a properly grounded two-prong wall receptacle by the use of an adapter which is available at most local hardware stores (Fig. 2B).

Attaching the adapter ground terminal to the cover screw of the electric outlet, does not ground the equipment unless the cover screw is grounded through the building wiring. If there is any doubt whether the wall receptacle is properly grounded, have it checked by a qualified electrician.

Fig. 2A

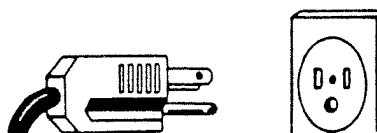
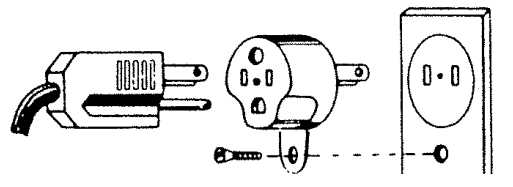
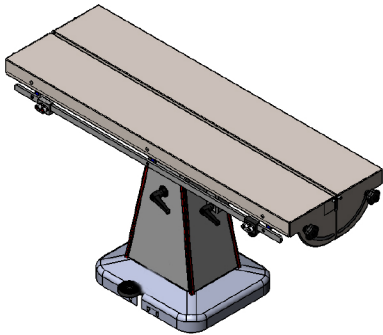
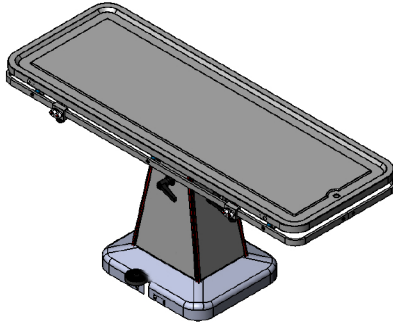


Fig. 2B

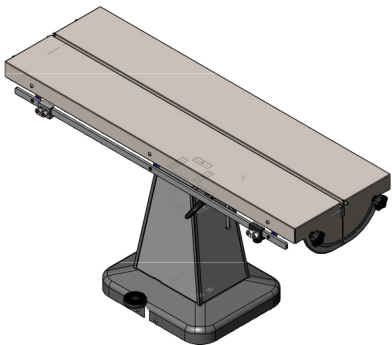
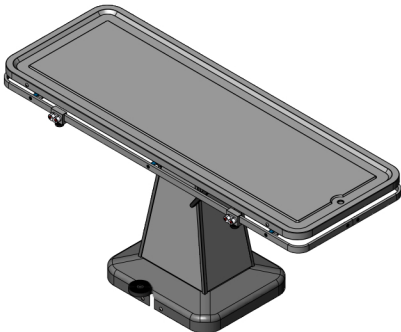


## Features - Next Generation Surgery Table, Hydraulic, Rotational

V-TOP P/N 903.4100.02	FLAT TOP P/N 903.4000.01
	
A two panel system that adjusts from horizontal to near vertical to hold the patient in the desired position during surgery.	One piece table top eliminates seams and sharp edges helping to promote a bacteria free environment.
Overall size of the top: 19"W X 58"L.	Extra large 22"W X 60"L Flat Top
An attachment rail system runs continually along the sides of the table. Two sliding, quick-release, cam cleat tie-down attachments are provided on each side of the attachment rail.	An attachment rail system runs continually along the sides and ends of the table. Four sliding, quick-release, cam cleat tie-down attachments are provided, and can be tightened in any position along the attachment rail.
Two polymer five lobe ergonomic knobs open the new "Flip Open Trough" design. This new design allows the tops to open to 270 degrees for easy access to remove surgical waste.	Raised center permits fluid run-off into a perimeter trough and to a drain outlet.
A 3" stainless steel trough permits fluid runoff into a drain outlet.	A stainless steel base that lasts for decades.
Table can be lifted from 31 1/4" to 41 7/8" via a hydraulic mechanism.	Table can be lifted from 29" to 39 5/8" via a hydraulic mechanism.
The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.	The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.
Top can rotate 360 degrees.	Top can rotate 360 degrees.

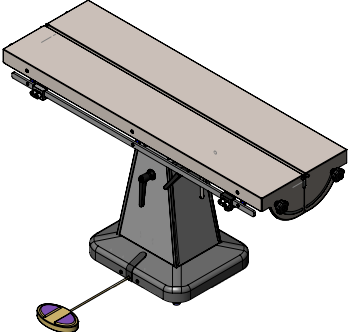
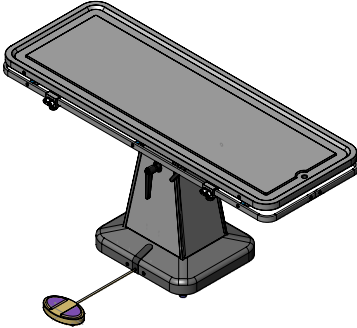
**Optional:** See page 7 for a list of all options available for the Flat-Top and V-Top Surgery Tables.

## Features - Next Generation Surgery Table, Hydraulic, Non-Rotational

V-TOP P/N 903.4110.01	FLAT TOP P/N 903.4010.01
	
A two panel system that adjusts from horizontal to near vertical to hold the patient in the desired position during surgery.	One piece table top eliminates seams and sharp edges helping to promote a bacteria free environment.
Overall size of the top: 19"W X 58"L.	Extra large 22"W X 60"L Flat Top
An attachment rail system runs continually along the sides of the table. Two sliding, quick-release, cam cleat tie-down attachments are provided on each side of the attachment rail.	An attachment rail system runs continually along the sides and ends of the table. Four sliding, quick-release, cam cleat tie-down attachments are provided, and can be tightened in any position along the attachment rail.
Two polymer five lobe ergonomic knobs open the new "Flip Open Trough" design. This new design allows the tops to open to 270 degrees for easy access to remove surgical waste.	Raised center permits fluid run-off into a perimeter trough and to a drain outlet.
A 3" stainless steel trough permits fluid runoff into a drain outlet.	A stainless steel base that lasts for decades.
Table can be lifted from 31 5/8" to 42 1/4" via a hydraulic mechanism.	Table can be lifted from 29 3/8" to 40" v a hydraulic mechanism.
The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.	The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.

**Optional:** See page 7 for a list of all options available for the Flat-Top and V-Top Surgery Tables.

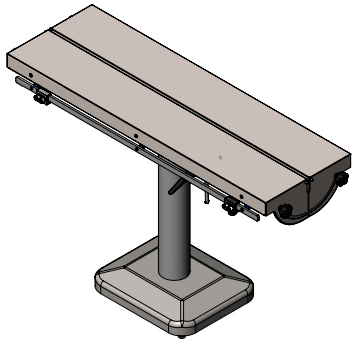
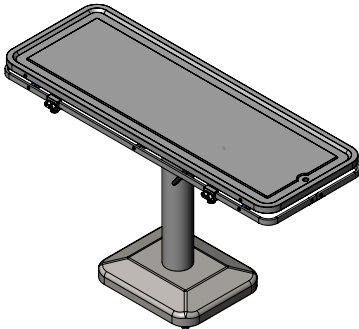
## Features - Next Generation Surgery Table, Electric

V-TOP P/N 903.4120.02-120V & P/N 903.4140.00 - 240V	FLAT TOP P/N 903.4020.02-120V & P/N 903.4040.00 - 240V
	
A two panel system that adjusts from horizontal to near vertical to hold the patient in the desired position during surgery.	One piece table top eliminates seams and sharp edges helping to promote a bacteria free environment.
Overall size of the top: 19"W X 58"L.	Extra large 22"W X 60"L Flat Top
An attachment rail system runs continually along the sides of the table. Two sliding, quick-release, cam cleat tie-down attachments are provided on each side of the attachment rail.	An attachment rail system runs continually along the sides and ends of the table. Four sliding, quick-release, cam cleat tie-down attachments are provided, and can be tightened in any position along the attachment rail.
Two polymer five lobe ergonomic knobs open the new "Flip Open Trough" design. This new design allows the tops to open to 270 degrees for easy access to remove surgical waste.	Raised center permits fluid run-off into a perimeter trough and to a drain outlet.
A 3" stainless steel trough permits fluid runoff into a drain outlet.	A stainless steel base that lasts for decades.
Table can be lifted from 32 1/8" to 42" via an electric actuator.	Table can be lifted from 29 7/8" to 39 7/8" via an electric actuator.
The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.	The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.
Top rotates 360 degrees	Top rotates 360 degrees.

**NOTE:** The Electric Table is not available with a Non-Rotational Base.

**Optional:** See page 7 for a list of all options available for the Flat-Top and V-Top Surgery Tables.

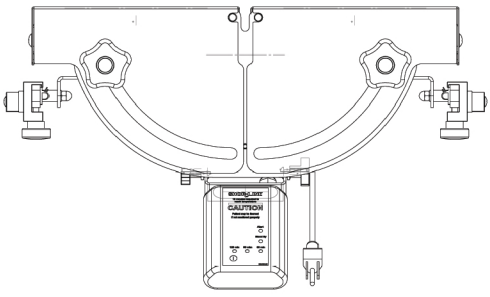
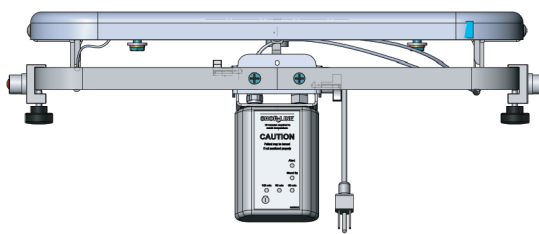
## Features - Next Generation Surgery Table, Pedestal

V-TOP P/N 903.4110.02	FLAT TOP P/N 903.4010.02
	
A two panel system that adjusts from horizontal to near vertical to hold the patient in the desired position during surgery.	One piece table top eliminates seams and sharp edges helping to promote a bacteria free environment.
Overall size of the top: 19"W X 58"L.	Extra large 22"W X 60"L Flat Top
An attachment rail system runs continually along the sides of the table. Two sliding, quick-release, cam cleat tie-down attachments are provided on each side of the attachment rail.	An attachment rail system runs continually along the sides and ends of the table. Four sliding, quick-release, cam cleat tie-down attachments are provided, and can be tightened in any position along the attachment rail.
Two polymer five lobe ergonomic knobs open the new "Flip Open Trough" design. This new design allows the tops to open to 270 degrees for easy access to remove surgical waste.	Raised center permits fluid run-off into a perimeter trough and to a drain outlet.
A 3" stainless steel trough permits fluid runoff into a drain outlet.	
The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.	The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.
Table stands 37 11/16" tall.	Table stands 35 1/2" tall.
The solid base with stainless steel cover measures 21 1/4"W X 17 3/4"L.	The solid base with stainless steel cover measures 21 1/4"W X 17 3/4"L

**Optional:** See page 7 for a list of all options available for the Flat-Top and V-Top Surgery Tables.



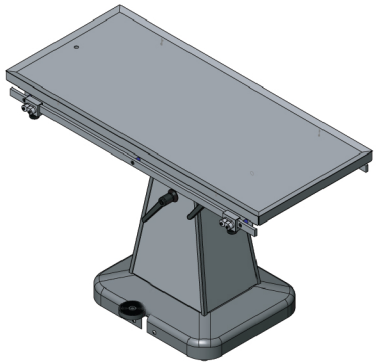
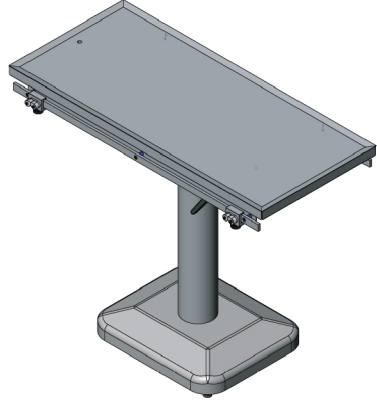
## Features - Next Generation Heated Surgery Table Tops

V-TOP HEATED TABLE TOP P/N 803.4101.05 (120V) P/N 803.4101.06 (240V)	FLAT TOP HEATED TABLE TOP P/N 803.4001.04 (120V) P/N 803.4001.05 (240V)
	
All the same great benefits of our V-Top Surgery Table Top Plus :	All the same great benefits of our Flat Top Surgery Table Top Plus:
Each V-Top panel contains a 8 1/4" X 44" heated area with an overall heated area of 161/2" W X 44" L.	The table contains a heated area of 15" W X 46" L.
The table top takes approximately 15 minutes to warm up and the unit maintains a factory set temperature of 95 ° F (35 ° C) + or - 1 ° F with a set over temperature of 105 ° F (40.5 ° C) + or - 1 ° F with automatic shut off.	The table top takes approximately 15 minutes to warm up and the unit maintains a factory set temperature of 95 ° F (35 ° C) + or - 1 ° F with a set over temperature of 105 ° F (40.5 ° C) + or - 1 ° F with automatic shut off.
The controller is mounted to the table top for easy monitoring and offers three Time Cycle setting options: 60, 90 and 120 minutes.	The controller is mounted to the table top for easy monitoring and offers three Time Cycle setting options: 60, 90 and 120 minutes.
A Stand By mode is set to sound an alarm at 5 minutes and continue to the end of the selected Time Cycle, followed by a repetitive series of low tone beeps to warn of the time coming to an end.	A Stand By mode is set to sound an alarm at 5 minutes and continue to the end of the selected Time Cycle, followed by a repetitive series of low tone beeps to warn of the time coming to an end.
In case the unit becomes unplugged or the temperature exceeds the safety shut-down limit, the Alert Mode will sound bringing it to the Technician's attention by both sound and a red light and will automatically shut down.	In case the unit becomes unplugged or the temperature exceeds the safety shut-down limit, the Alert Mode will sound bringing it to the Technician's attention by both sound and a red light and will automatically shut down.
The power cord is 10' long. Electrical: 120/240 VAC, 50/60 HZ, 1.8A at 120 VAC, .9A at 240 VAC.	The power cord is 10' long. Electrical: 120/240 VAC, 50/60 HZ, 1.8A at 120 VAC, .9A at 240 VAC.
Fire resistant Heating Element Insulator.	Fire resistant Heating Element Insulator.

**NOTE:** The Preset Heated Tops are not available with the Pedestal Base.

**Optional:** See page 7 for a list of all options available for the Flat Top and V-Top Surgery Tables.

## Features - Next Generation Surgery Tables, Feline

HYDRAULIC P/N 903.4000.05	PEDESTAL P/N 903.4010.03
	
One piece table top eliminates seams and sharp edges helping to easily maintain and clean the table after surgery.	One piece table top eliminates seams and sharp edges helping to easily maintain and clean the table after surgery.
20"W X 44.5"L Flat Top.	20"W X 44.5"L Flat Top.
An attachment rail system runs continually along the sides of the table. Two sliding, quick-release, cam cleat tie-down attachments are provided for each side of the attachment rail.	An attachment rail system runs continually along the sides of the table. Two sliding, quick-release, cam cleat tie-down attachments are provided for each side of the attachment rail.
Top features drain outlet.	Top features drain outlet.
The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.	The table has a tilt mechanism that allows the table to tilt 30 degrees with a locking mechanism that is infinite up to the 30 degrees.
Top rotates 360 degrees.	Table stands 35 1/2" tall.
Table can be lifted from 29" to 39 3/4" via hydraulic mechanism.	The solid base with stainless steel cover measures 21 1/4"W X 17 3/4"L

## Section 3: Installation

### Installing the Surgery Table Bases

**⚠CAUTION** The Surgery Tables are heavy. Precautions must be taken. Utilize two or more people when installing.

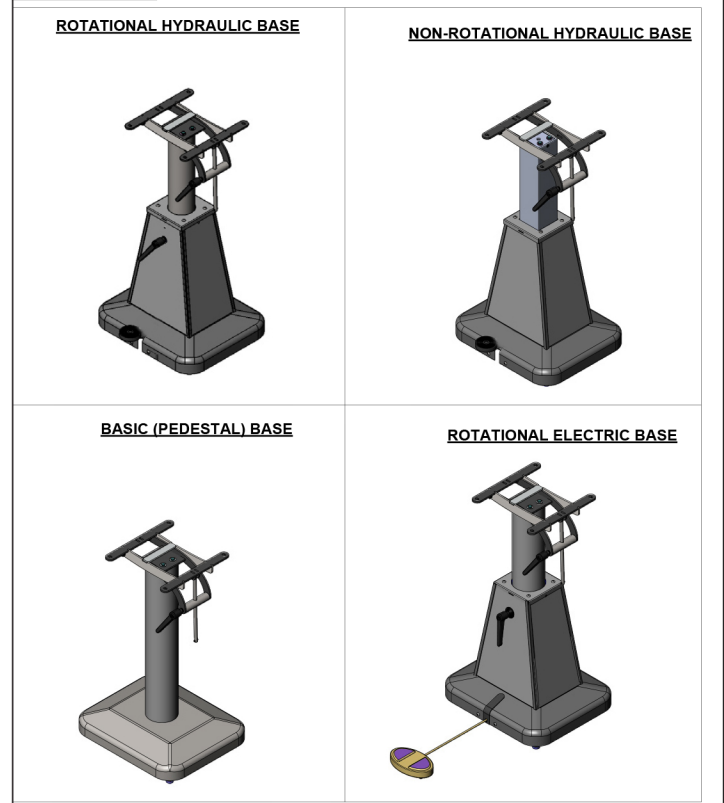
The Next Generation Surgery Tables are shipped in separate cartons and do require some assembly. We offer four base options and four table top options (V-Top, Flat-Top, Heated or Feline). This allows the customer to choose the Table Assembly that works best for them. In addition, all four bases have the same hole pattern for mounting the table tops. Therefore the installation procedures will not differ. However, each of these will have operational/ functionality differences and will be covered in detail later in this guide.

When determining where to place your Surgery Table within your facility consider the following:

- The Basic Flat Top and V-Top Surgery Tables are stationary with a solid stainless steel base measuring 21 ¼" W x 17 ¾" L.
- The Hydraulic Flat Top and V-Top Surgery Tables, rotating and non-rotating, has a hydraulic mechanism that allows the table to be placed anywhere as the unit has no cords and will not cause a tripping hazard.
- The Electric Flat Top and V-Top Surgery Tables, 120V and 240V, have an actuator system that requires the unit to be plugged into a power outlet. The unit has a 6 foot power cord.
- The Heated V-Tops, V-Top and Flat-Top are available in 120v and/or 240v. Both designs contain a heat control box with a 10 ft. power cord that must be plugged into the appropriate voltage power outlet before using.

**NOTE:** The Heated tops are not available for the pedestal base.

Fig. 3A



## Step 1

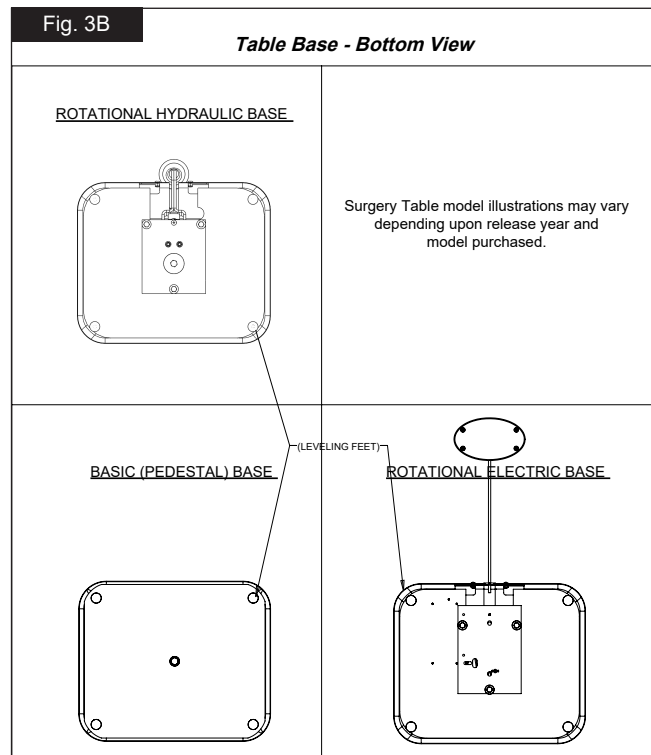
Unpack the table base and place in the desired location in your facility. See Fig. 3A.

## Step 2

Adjust the leveling screws on the bottom of the base until the table sits level. See Fig. 3B.

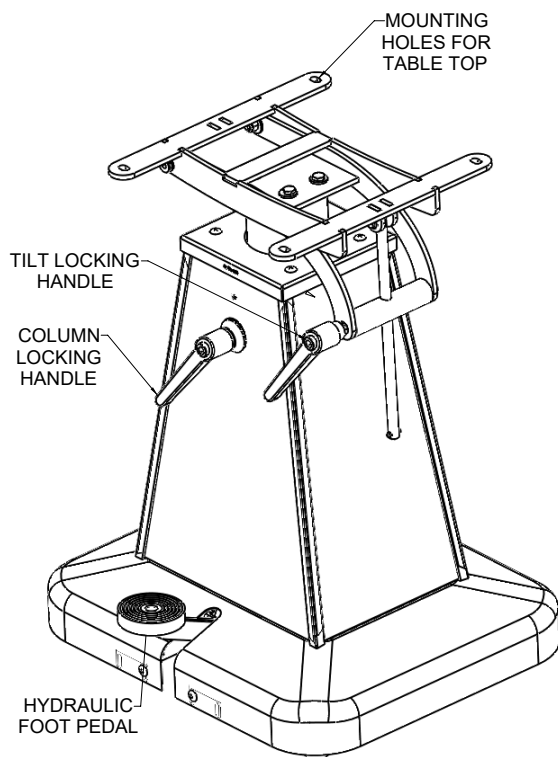
**NOTE:** All base options have the same leveling feet and located in the same place.

**IMPORTANT:** Your surgery table must be level in order to function properly.



## Section 4: Operation and Functionality: Surgery Table Bases

### Hydraulic Base, Rotational



**Mounting Holes** - Four mounting holes located on top on the tilt mechanism to mount the table top.

**Column Locking Handle** - This is used to lock the column in place once you have made any/all adjustments. Before rotating, raising or lowering the table you must unlock the column by turning the handle counter clockwise. Rotate the table to the desired position (up to 360 degree). Turn the handle clockwise to lock table top in place.

**IMPORTANT:** The Column Locking Handle should be kept in the locked position except when adjusting table.

**Tilt Locking Handle** - The table can be tilted up to 30 degrees and locked in that position using the Tilt Locking Handle. Turn the handle counter clockwise to loosen. Tilt table to desired position. Turn handle clockwise to lock into place.

**IMPORTANT:** The drain tube on the underside of the table top should always be at the lower end in all positions.

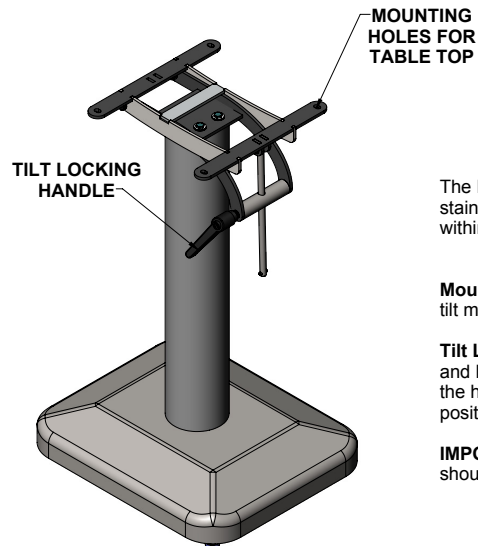
**IMPORTANT:** Do NOT fully depress the pedal when raising the table. When the pedal is fully depressed it will lower the table.

**Hydraulic Foot Pedal** - The unit has a hydraulic mechanism using the Hydraulic Foot Pedal.

To raise table, unlock the column by turning the Column Locking Handle counter clockwise. Pump the foot pedal until the table is in the desired position. Turn the Column Locking Handle clockwise to lock into place.

Fully depress the pedal to lower the table to the desired level. To lower table, unlock the column by turning the Column Locking Handle counterclockwise. Lower the table by fully depressing the hydraulic foot pedal. Turn the column locking handle clockwise to lock into place.

## Pedestal Base



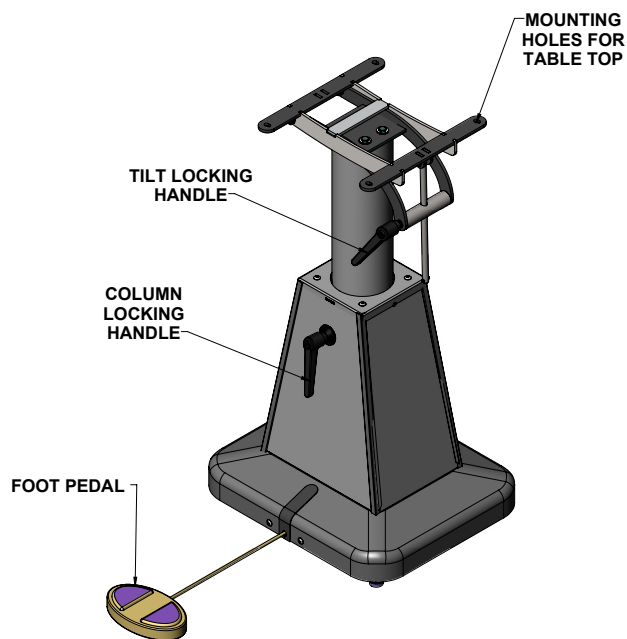
The Basic (Pedestal) Base is a solid stationary base with stainless steel cover that is intended to be placed in a location within the facility and not moved.

**Mounting Holes** - Four mounting holes located on top on the tilt mechanism to mount the table top.

**Tilt Locking Handle** - The table can be tilted up to 30 degrees and locked in that position using the Tilt Locking Handle. Turn the handle counter clockwise to loosen. Tilt table to desired position. Turn handle clockwise to lock into place.

**IMPORTANT:** The drain tube on the underside of the table top should always be at the lower end in all positions.

## Electric Base



**Mounting Holes** - Four mounting holes located on top on the tilt mechanism to mount the table top.

**Column Locking Handle** - This is used to lock the column in place once you have made any/all adjustments. Before rotating, raising or lowering the table you must unlock the column by turning the handle counter clockwise. Rotate the table to the desired position (up to 360 degree). Turn the handle clockwise to lock table top in place.

**IMPORTANT:** The Column Locking Handle should be kept in the locked position except when adjusting table.

**Tilt Locking Handle** - The table can be tilted up to 30 degrees and locked in that position using the Tilt Locking Handle. Turn the handle counter clockwise to loosen. Tilt table to desired position. Turn handle clockwise to lock into place.

**IMPORTANT:** The drain tube on the underside of the table top should always be at the lower end in all positions.

**Note:** The Electric Base is available in 120V or 240V, The table is equipped with a six foot power cord which must be plugged into the appropriate voltage power outlet before using. The Foot Pedal engages a quiet actuator capable of lifting 200 lbs.

**Foot Pedal** - To raise the table, turn the Column Locking Handle counter clockwise to unlock column. Press down on the up arrow indicator on the top of the foot switch until the table is at the desired height. To lower, press down on the down arrow indicator until the table has been lowered to the desired height. Turn the Column Locking Handle clockwise to lock into place.

**Note:** Electric Bases are not available in non-rotational.

## Section 5: Installing the V-Top Surgery Table Top

### Installing the Table Top

The Surgery Table bases were designed using the same tilt assembly. Therefore, the installation procedures for the V-Top Table Top will be the same for each base.

**⚠CAUTION** The V-Top Surgery Table is heavy so precautions must be taken. Use two or more people when unpacking your shipment.

#### EQUIPMENT/PARTS:

Included in the V-Top Table Top shipping carton is a plastic bag containing (4) flat washers, (4) lock washers, (4) nylon washers and (4) hex nuts to mount the top to the base. In addition to the mounting hardware, (4) cam cleat assemblies are included.

#### TOOLS REQUIRED:

9/16 Socket or Crescent Wrench

#### Step 1

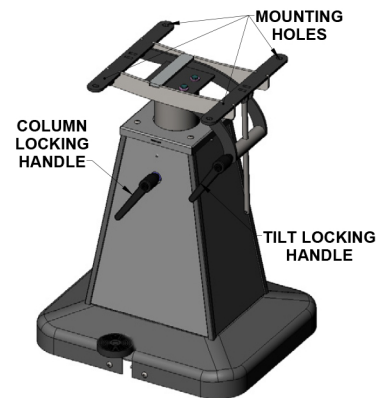
Ensure the tilt mechanism is in the horizontal position and locked.

#### Step 2

Ensure the Column Locking Handle on the Hydraulic and Electric bases are in the locked position.

**NOTE:** Non-Rotational and Basic bases will not have a column locking handle.

Fig. 5A



#### Step 3

Place one of the nylon washers on each of the mounting studs. See Fig. 5B.

#### Step 4

Place the table top with nylon washers on the tilt mechanism, on the top of the base assembly, and align the four mounting studs with the holes in the tilt mechanism. See Fig. 5B.

#### Step 5

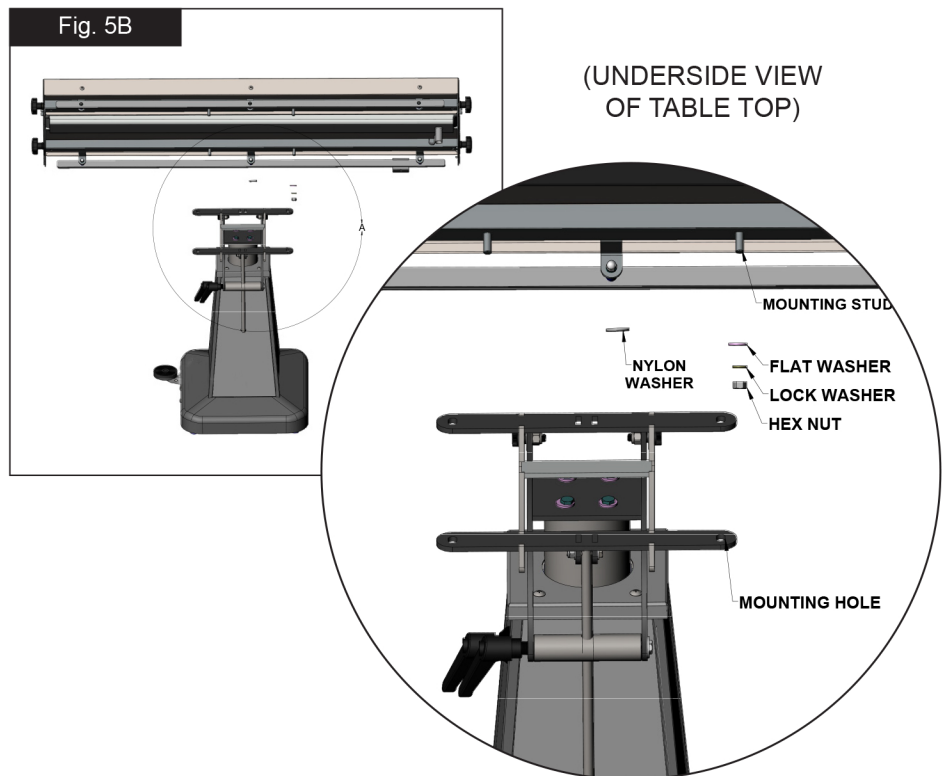
Once the mounting studs, with nylon washers, have been placed in the mounting holes, the table top can be secured using the additional hardware. The hardware should be installed in the following order:

- 1) Flat washer placed over stud
- 2) Lock washer placed on top of flat washer
- 3) Hex nut placed on top of lock washer

#### Step 6

Tighten using a 9/16 socket or crescent wrench.

Fig. 5B



**NOTE:** The hardware must be placed on all (4) studs and must be tight in order for the table to function properly.



## Installing Cam Cleats on the V-Top

The V-Top Surgery Table comes equipped with a rail system which extends down the outer sides of the table. Also provided with the table are four cam cleat tie down attachments that can be used to secure the patient during surgery. See Fig. 5C.

### Step 1

The cam cleats can be installed two ways:

1. Loosen the knob by turning counter clockwise to remove the screw enough to allow you to place the slide block onto the end of the rail attachment bar and slide it along the rail system to the desired position. Then turn the knob clockwise to tighten and secure the cam cleat in the desired position.

or

2. Loosen the knob by turning counter clockwise to remove the screw enough to allow you to place the slide block on the side of the attachment rail in the desired position. Then turn the knob clockwise to tighten and secure the cam cleat in place.

### Step 2

Once the cam cleat assembly has been secured to the attachment rail, the patient can be secured by placing the leash or strap between the two cleats on the outside of the assembly. If pulled through, the cleats will lock to secure the leash/strap. The cam cleats have a maximum work load of 120 kg/264 lbs. See Fig. 5D.

To release, simply pull the leash outwards.



## Adjusting V-Top Table Panels

The V-Top design allows the panels to be raised or lowered to hold the patient in the desired position during surgery. Once procedure is over, the panels can be opened 270 degrees for easy access to the drain trough for removal of surgical waste.

### Step 1

To raise or lower the panels, turn the locking knobs counterclockwise until loose.

### Step 2

Raise the panel to the desired height.

### Step 3

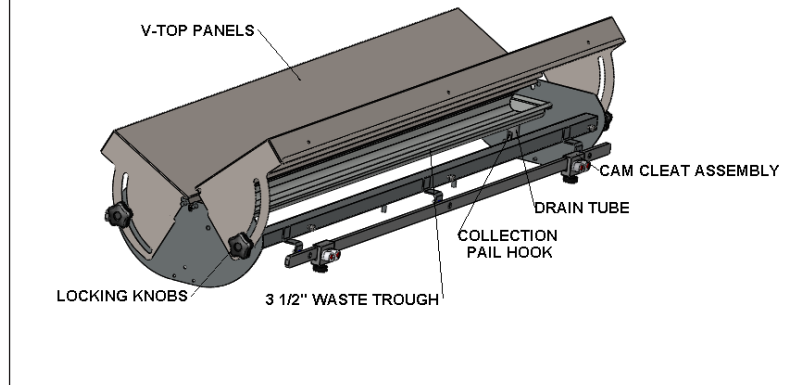
Turn the locking knob clockwise to tighten.

### Step 4

Repeat steps 1-3 for other side.

**NOTE:** The V-Top has a locking knob for each panel on each end of the table. However, only one knob per panel needs to be loosened to adjust the panel.

Fig. 5E





## Cleaning V-Top Panels

The V-Top design allows the panels to open to 270 degrees for easy access to the trough for removal of surgical waste.

### Step 1

Using the Locking Knobs, adjust both of the V-Top panels to the maximum angle. Pull outward at center of panels to rotate panels downward. This will expose the underside of the panels, clean thoroughly.

### Step 2

Remove the drain trough located under the panels and clean thoroughly.

### Step 3

Replace the drain trough and adjust the panels to the desired location. Refer to page 20, Adjusting V-Top Table Panels.

**NOTE:** The drain pail can be removed/cleaned without adjusting the panels or removing the trough by simply removing the pail from the collection pail hook on the underside of the table.

**NOTE:** For additional cleaning information for the V-Top and Flat Top Surgery Tables, please see Care and Cleaning Best Practices and Protecting Against Disease and Infection, Section 11.



## Section 6: Installing the Flat-Top Surgery Table Top

### Installing the Table Top

The Surgery Table bases were designed using the same tilt assembly. Therefore, the installation procedures for the Flat-Top Table Top will be the same for each base.

**⚠CAUTION** The Flat-Top Surgery Tables are heavy so precautions must be taken. Use two or more people when unpacking your shipment.

**EQUIPMENT/PARTS:** The Flat-Top Surgery Table top and base are shipped in separate cartons and does require some assembly. Included in the table top shipping carton is a plastic bag containing 4 flat washers, 4 lock washers and 4 hex bolts needed to mount the top to the base. In addition to the mounting hardware we have included 4 cam cleat assemblies.

#### TOOLS REQUIRED:

9/16 Socket or Crescent Wrench

#### Step 1

Ensure the tilt mechanism is in horizontal position and locked.

#### Step 2

Ensure the Column Locking Handle on the Hydraulic and Electric bases are in the locked position.

**NOTE:** Non-Rotational and Basic bases will not have a column locking handle.

#### Step 3

Place the table top on the tilt mechanism and align the four holes in the bottom of the table top frame with the four holes in the tilt mechanism.

#### Step 4

Once the table mounting holes have been lined up with the tilt mounting holes, the table top can be secured using the hardware supplied. The hardware should be installed in the following order.

- Flat washer
- Lock washer placed on top of flat washer.
- Hex bolt placed through both the flat washer and lock washer and inserted through the tilt and into the table top.

#### Step 5

Tighten using a 9/16 socket or crescent wrench. See Fig. 6B.

**Note:** The hardware must be placed in all (4) holes and the bolts must be tight for the table to function properly.

Fig. 6A

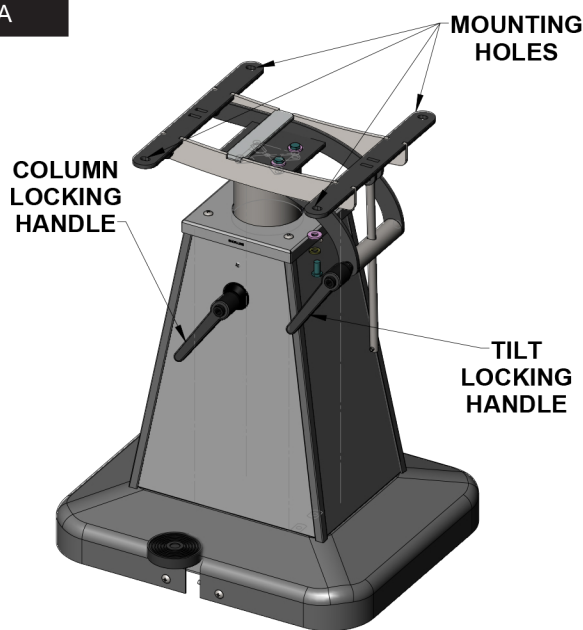
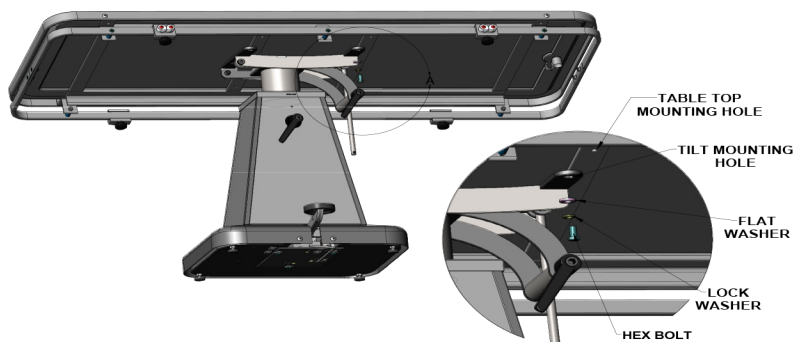


Fig. 6B



## Installing Cam Cleats on the Flat-Top

The Flat-Top Surgery Table comes equipped with a rail system which extends down the outer sides of the table. Also provided with the table are four cam cleat tie down attachments that can be used to secure the patient during surgery. See Fig. 6C.

### Step 1

Loosen the knob by turning counter clockwise to remove the screw enough to allow you to place the slide block on the side of the attachment rail in the desired position. Then turn the knob clockwise to tighten and secure the cam cleat in place.

### Step 2

Once the cam cleat assembly has been secured to the attachment rail, the patient can be secured by placing the leash or strap between the two cleats on the outside of the assembly. If pulled through, the cleats will lock to secure the leash/strap. The cam cleats have a maximum work load of 120 kg/264 lbs. See Fig. 6D.

To release, simply pull the leash outwards.

Fig. 6C



Fig. 6D



## Section 7: Installing the Feline Surgery Table Top

### Installing the Table Top

The Feline Surgery Table bases were designed using the same tilt assembly. Therefore, the installation procedures for the Feline Table Top will be the same for both bases.

**⚠CAUTION** The Feline Surgery Tables are heavy so precautions must be taken. Use two or more people when unpacking your shipment.

**EQUIPMENT/PARTS:** The Feline Surgery Table top and base are shipped in separate cartons and does require some assembly. Included in the table top shipping carton is a plastic bag containing 4 flat washers, 4 lock washers and 4 Truss Head Screws needed to mount the top to the base. In addition to the mounting hardware we have included 4 cam cleat assemblies.

#### TOOLS REQUIRED:

Phillips Screwdriver

#### Step 1

Ensure the tilt mechanism is in horizontal position and locked.

#### Step 2

Ensure the Column Locking Handle on the Hydraulic base is in the locked position.

**NOTE:** The Basic pedestal base will not have a column locking handle.

#### Step 3

Place the table top on the tilt mechanism and align the four holes in the bottom of the table frame with the four holes in the tilt mechanism. See Fig. 7A.

#### Step 4

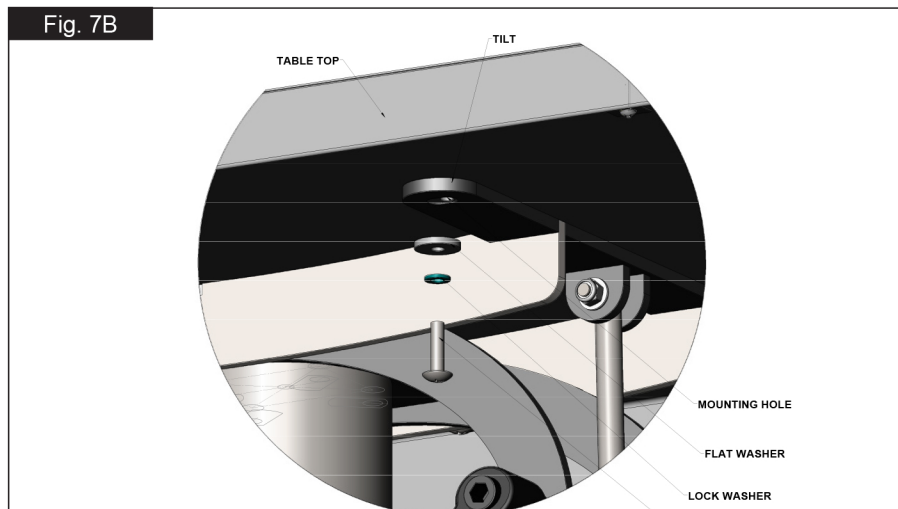
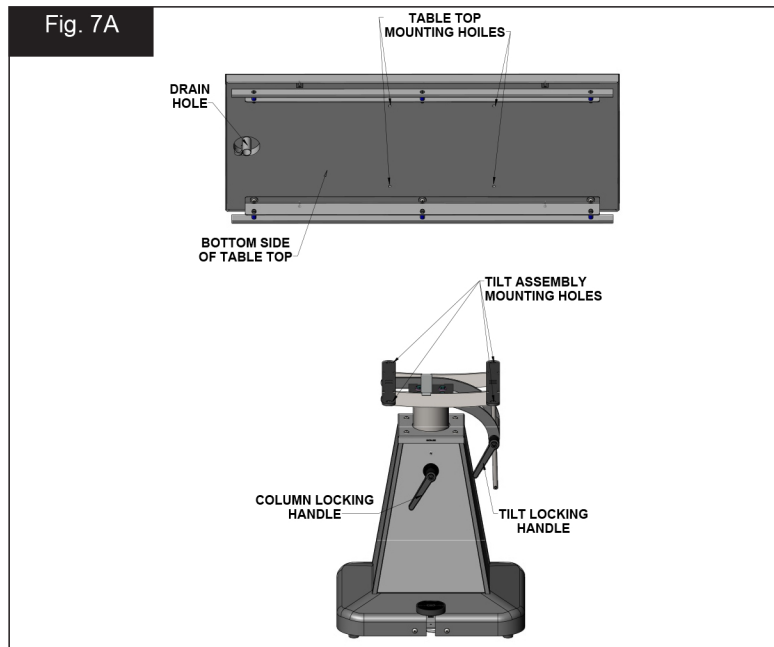
Once the table mounting holes have been lined up with the tilt mounting holes, the table top can be secured using the hardware supplied. The hardware should go through the tilt and into the table top in the following order:

- a). Flat washer
- b). Lock washer placed on top of flat washer
- c). Truss head screw placed through both of them through the tilt assembly and into the table top.

#### Step 5

Tighten using a Phillips head screwdrivers. See Fig. 7B.

**NOTE:** The hardware must be placed in all (4) holes and the bolts must be tight for the table to function properly.



## Installing Cam Cleats on the Feline Table Top

The Feline Table Surgery Table Top comes equipped with a rail system which extends down the outer sides of the table. Also provided with the table are four cam cleat tie down attachments that can be used to secure the patient during surgery. See Fig. 7C.

### Step 1

Loosen the knob by turning counter clockwise to remove the screw enough to allow you to place the slide block on the side of the attachment rail in the desired position. Then turn the knob clockwise to tighten and secure the cam cleat in place.

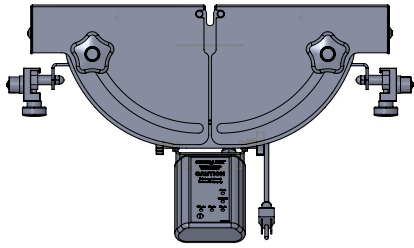
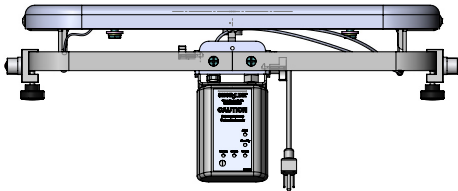
### Step 2

Once the cam cleat assembly has been secured to the attachment rail, the patient can be secured by placing the leash or strap between the two cleats on the outside of the assembly. If pulled through, the cleats will lock to secure the leash/strap. The cam cleats have a maximum work load of 120 kg/264 lbs. See Fig. 7D.

To release, simply pull the leash outwards.



## Section 8: Preset Heated Table Tops

V-TOP PRESET HEATED TABLE TOP	FLAT TOP PRESET HEATED TABLE TOP
	
<p><b>PRESET HEATED TABLE TOPS</b>  120 VOLT V-TOP, P/N 803.4101.05  240 VOLT V-TOP, P/N 803.4101.06</p> <p><b>PRESET HEATED TABLES</b>  V-Top,Hyd,120V, P/N 903.4400.01  V-Top,Hyd,Non-Rot,120V, P/N 903.4410.01  V-Top,Hyd,240V, P/N 903.4500.01  V-Top,Hyd,Non-Rot,240V, P/N 903.4510.01  V-Top,Elec,120V, P/N 903.4420.01  V-Top,Elec,240V, P/N 903.4540.01</p>	<p><b>PRESET HEATED TABLE TOPS</b>  120 VOLT FLAT TOP, P/N 803.4001.04  240 VOLT FLAT TOP, P/N 803.4001.05</p> <p><b>PRESET HEATED TABLES</b>  Flat Top,Hyd,120V, P/N 903.4200.01  Flat Top,Hyd,Non-Rot,120V, P/N 903.4210.01  Flat Top,Hyd,240V, P/N 903.4300.01  Flat Top,Hyd,Non-Rot,240V P/N 903.4310.01  Flat Top,Elec,120V, P/N 903.4220.01  Flat Top,Elec,240V, P/N 903.4340.01</p>

**NOTE:** Electric Bases are not available in Non-Rotational  
**NOTE:** Heated tops are not available for the Basic Bases (Pedestal Base)

Shor-Line Heated Table Tops provide a warm, temperature-controlled surface that helps prevent hypothermia during small animal surgeries. The Heated Tops are available in both the V-Top and Flat Top design and can be purchased in 120V or 240V. The Heated Table Tops have all the great features of our standard surgery table tops plus additional heated benefits which are detailed in Section 2, page 13. As with our standard tops, the Heated Tops have the same hole pattern used to mount the tops to the bases (outlined in Section 3) and will be mounted using the same procedures.

**NOTE:** For V-Top, refer to Section 5. For Flat-Top, refer to Section 6.

Our Heated Tops come fully assembled and ready to mount on your table base. Once your table top has been mounted, we strongly suggest you read this section in its entirety before you begin using your table.

### Important Dos and Don'ts

Due to the sensitivity of exposed tissue, it is recommended that a sterile pad or towel be placed between the table and the Heated Top whenever you are placing an animal with an open wound or exposed sutured tissue on the heated table.

Do not leave large, aggressive animals unattended on the Heated Table, as the heated cable could be damaged.

Do not permit access to the Heat Control power cord by any animal.

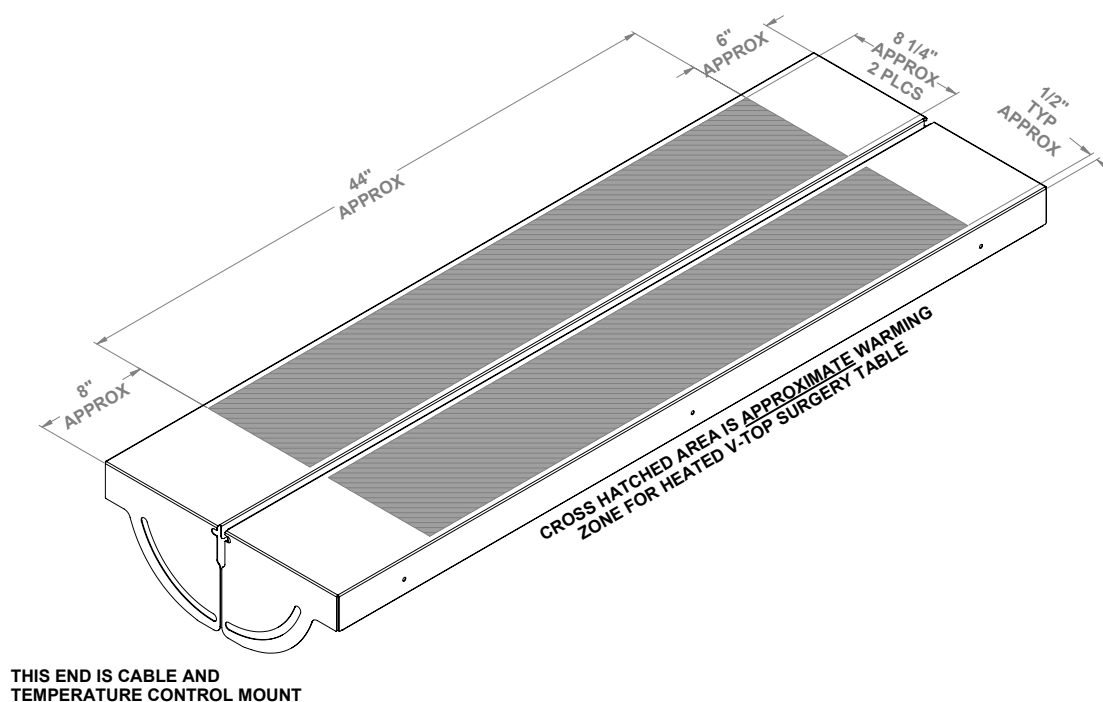
Do not immerse the Heat Control in water. This could result in electric shock.

**Do not plug power cord into outlet until cables have been connected.**

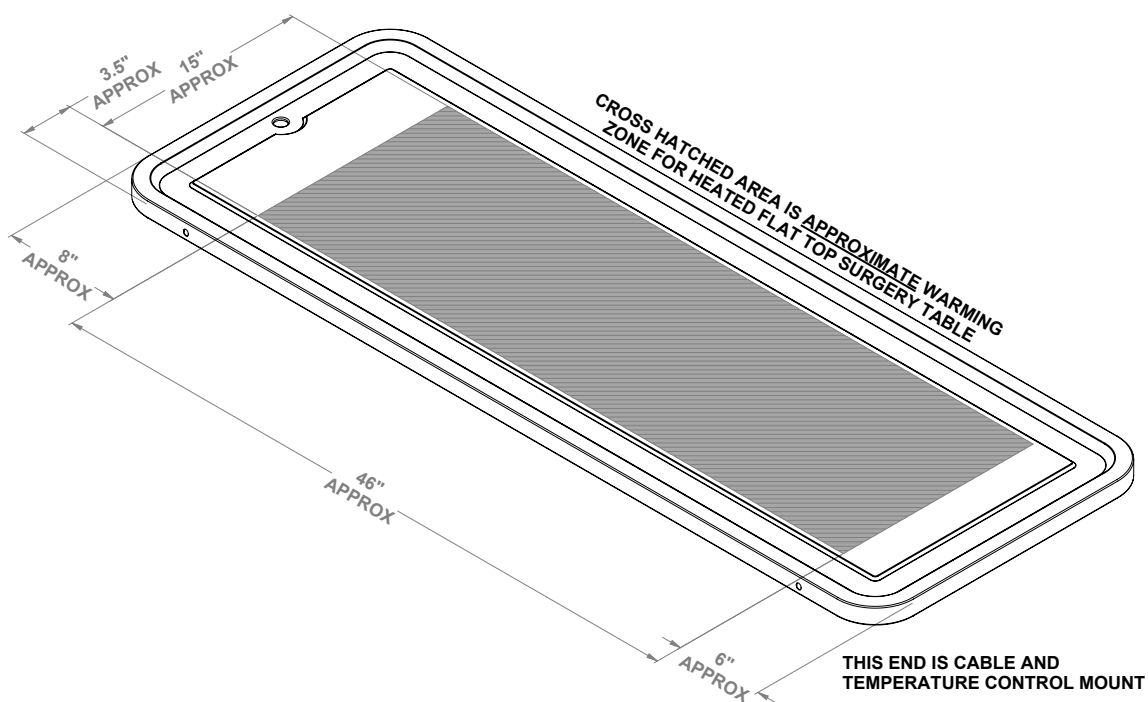


## Table Top Warm Zone

The Heated Table Tops have a warm zone covering the area as shown in the diagrams below.



The animal should be placed near the center of the Heated Table Top.

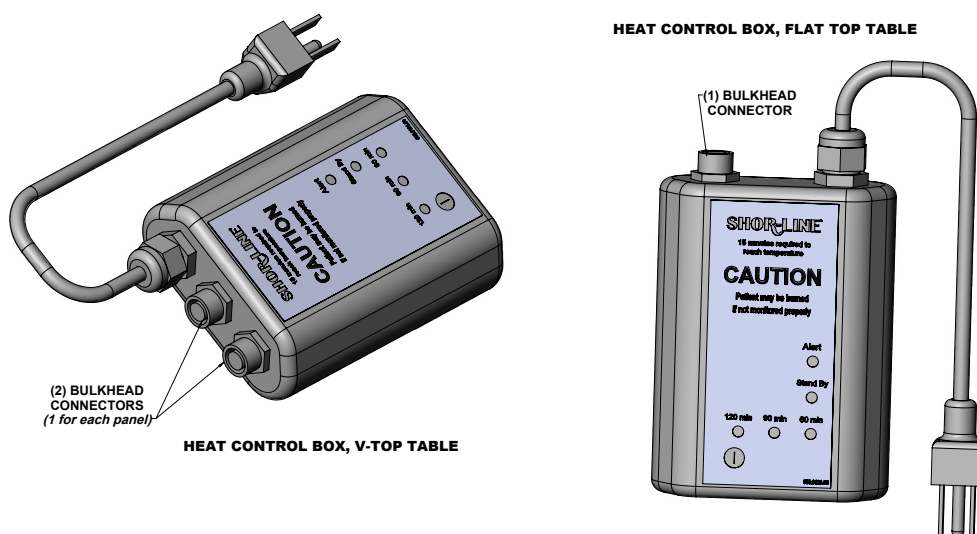


## Cable Connections

The heating elements installed in the table tops have a bulk head connector attached to the end of a cable which are then attached to the bulk head connectors installed in the Heat Control boxes. These are attached in the factory prior to shipment, but you may be required to detach and reinstall. If not done properly, your table top could be damaged. Improper cable connection could void your warranty. Please review the following before disconnecting your Heat Control.

The V-Top Table is equipped with a heating element installed in each panel. Each heating element contains a cable that is connected to the Control Box.

Fig. 8A



**IMPORTANT: Do not bend the pins in the connector. This will cause the product to malfunction.**

The cable contains industry standard alignment tools (Key and Key Way) to assist you.

### Step 1

Line up the Key and the Key Way.

**NOTICE:** If Key and Key Way are not aligned, the pins may bend, making the unit inoperable.

### Step 2

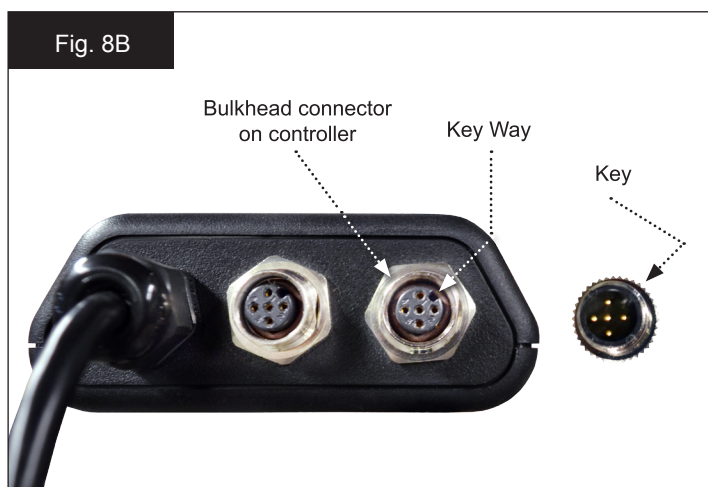
Gently push the two ends together.

**NOTE:** Do not force connection. If connectors are aligned, cable will slip into place.

### Step 3

Turn the nut clockwise to secure the connection.

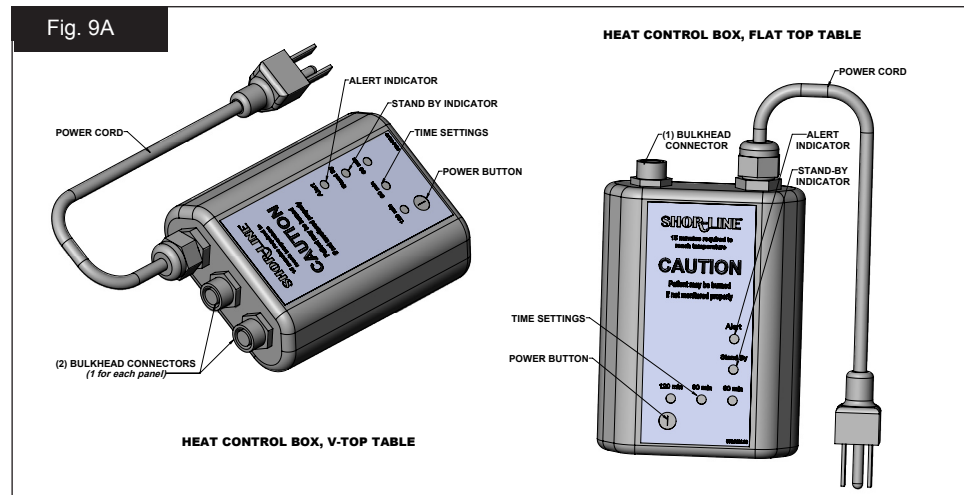
**NOTE:** Do not secure until cable is in place, as this could damage pins.





## Section 9: Heat Control Box Functions

The Heat Control Boxes operate and look exactly the same, except the V-Top has two bulk head connectors since the V-Top contains a heating element for each panel whereas the Flat-Top Table has only one.



- **Power Button:** Provides power to the Heat Control Box and selects the time cycle simply by the number of times pressed.
  - Press once: Will set the time for 60 minutes and the light above '60 min' on the control box will illuminate green.
  - Press twice: Will set the time for 90 minutes and the light above '90 min' on the control box will illuminate green.
  - Press three times: Will set the time for 120 minutes and the light above '120 min' on the control box will illuminate green.
  - Press four times: Will turn the controller off.
- **Stand By:** During the last five minutes in any of the three available time cycles the following will occur: For 4 minutes the Stand By light will illuminate a solid yellow and a single beep will occur every 30 seconds for a total of 8 beeps. For the last minute of any time cycle the Stand By light will illuminate a flashing yellow and a double beep will occur every 10 seconds.
- **Alert:** The Heat Control Box is factory set at 95° F (35° C) with an over temperature protection of 105° F (40.5° C). If for any reason the pad reaches a temperature of 105° F (40.5° C), the heater will be disabled, the alert light will illuminate red and flash continuously and a triple beep will occur. This condition will remain until the pad lowers in temperature or the unit is turned off by pressing the Power Button.
- **NOTE:** The Heat Control Box is factory set to reach a temperature of 93° F (33.8° C) which takes approximately 15 minutes. Turning the unit off does not immediately reduce the temperature. Should the alert condition occur the patient should be removed from the Warming Pad as soon as possible to prevent possible burns.

Electrical Rating: 120/240 VAC, 50/60 HZ, 1.8 at 120 VAC, .9 at 240 VAC

**Important:** This warming system functions best with an operating room ambient temperature between 68°F and 72°F (20°C and 22°C). As the room temperature increases, so does the warming system temperature. The system may go into Alert and shut down if the ambient temperature is 85°F (29°C) or higher.

## Section 10: Maintenance and Cleaning

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**IMPORTANT:** Do NOT immerse the Heat Control in water or spray the controller box with water, cleaners, sanitizer or disinfectants.

**To clean the controller box:**

### **Step 1**

Unplug power cord.

### **Step 2**

Disconnect the Table Top from the controller by unscrewing the cable from the bulk head connector counter clockwise.

### **Step 3**

The control box can then be wiped using a soft cloth dampened with sanitizer or disinfectant.

## Section 11: Stainless Steel Care & Cleaning

### Quality & Life of Your Product

**IMPORTANT:** Routine maintenance will ensure quality and life of your long-term investment and protect animals from transmittable disease and infection

**IMPORTANT:** To safeguard your investment and rights to the Shor-Line's Warranty, it is important that you know factors that degrade stainless steel. Corrosion, pitting, and discoloration can occur if:

- Bleach, deodorizing agents, disinfectants, and sanitizers (chlorides, bromides, iodides and thiocyanates) stand wet on your product for a prolonged period (over two minutes).
- Bleach, deodorizing agents, disinfectants, and sanitizers are used frequently without being neutralized with clean water after each application.
- Acidic urine is not removed rapidly and surfaces are not washed thoroughly.
- Animal hair, holding urine and fluids, is allowed to collect around legs, hinges, casters, and welded wire intersections.
- Solutions like liquid bleach and antibacterials are allowed to evaporate and dry on surfaces.
- Particles from steel wool, metal fiber brushes, or metal scrapers (which are never recommended for cleaning stainless) get embedded in your product's surface, rust, and give the false impression that the stainless steel is defective.
- Your water source (local or well) is heavy in iron content and water is allowed to dry on your product.
- High levels of pollution (automotive exhaust, aggressive gases, soot, iron oxides, chemicals, etc.) or chloride (from sea or de-icing salts) exist in the environment and frequent, thorough cleaning (manual or rain-washing) does not occur.

### Care & Cleaning Best Practices

**IMPORTANT:** You play an essential role in safeguarding your investment and rights to Shor-Line's Warranty. We strongly recommend:

- Daily or weekly cleaning of stainless steel to prolong its longevity and value and to help you maintain its finish.
- Using the mildest cleaning procedure that will do the job effectively.
  - Ordinary waste deposits and fluids can usually be removed with soap and water. Rinse thoroughly with clear water and dry completely with a soft cloth to discourage water spotting.
  - Minor scale build up and some hard water spotting can be removed by washing with vinegar followed by a clearwater rinse and thorough drying.
  - If rubbing, brushing, or scraping is required, use only stainless steel wool, brushes with plastic, nylon or stainless steel fibers, and scrubbers made of plastic or nylon. Ordinary steel wool or steel brushes should never be used.
  - Stubborn deposits or tightly adhering debris may require a commercial cleaning product. Scouring powders will scratch stainless and should not be used. Always review label statements on cleaning products regarding use on metals.
  - Cleaning is not completed until fresh water has been used to thoroughly rinse all residue of salt, bleach, deodorizing agents, disinfectants, and sanitizers.
- Rubbing, drying, and polishing should always be in the direction of the product's grain so scratches will blend into the surface. Efforts opposite the grain may produce a scratched surface appearance.
- Rubbing a soft cloth moistened with olive oil, undiluted white or cider vinegar, or club soda may brighten stainless steel and help remove surface streaks and heat stains.
- Never use paint, lacquer, or varnish as a substitute or shortcut for properly caring and cleaning stainless steel.
- Never intentionally stamp or etch stainless surface.

### Protecting Against Disease & Infection

**IMPORTANT:** Shor-Line shares your commitment to health and safety. This information is intended help protect your animals, as well as, safeguard your investment.

- Bleaches can be harmful to animals. Bleaches can react with acids and release chlorine gas that is highly toxic.
- Because of its strong corrosive and toxic properties, bleach is diluted with water. The solution's potency (shelf-life) quickly degrades as the active chlorine dissipates with water. Animal care professionals, therefore, cannot know with certainty how effective the bleach solution is over time without implementing a formal monitoring system.
- If chemical deodorizers, disinfectants, or sanitizers are used, protect your animals from respiratory problems and infections by using clean water to wash residue from all surfaces and dry thoroughly.
- Clorox® Company warns: "We cannot recommend Clorox® to clean metal surfaces, including stainless steel. Prolonged or repeated exposure of metal to strong solutions of our product eventually can cause discoloration or corrosion. To reduce the possibility of metal discoloration, we suggest that exposure time to Clorox® be less than five minutes and that surfaces be rinsed well after application of the solution."

## Section 12: Services, Terms & Conditions

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<https://www.midmark.com/service-support/terms-conditions>



# SHOR-LINE®

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