



# TradeFlex Manual Flexion Table User Manual

OUR  
BRANDS:



Applies to the following Models:

E9017	E9017-L
E9217	E9217-L
	E9019-L



**Important!** This User Manual contains important information for the user of the product. All who use this product should review and completely understand its contents. Remember to keep this manual in a place where it is always available to those using the product.

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## Introduction:



The TradeFlex Manual Flexion table is a workhorse, giving you and your patients a wide variety of options, from drops and headpieces to height, elevation and even long-axis distraction. You will appreciate the electric tension controls and removable flexion control T-bar that will allow you to move freely around the table. Your patients will benefit from the ability to perform figure-8 range of motion traction, a smooth range of 15 degrees of lateral flexion and a flexion depth of 15 degrees to accommodate almost any angle of drive.








The TradeFlex Manual Flexion table also offers versatility that will save you time and money, allowing for optimum correction of spinal subluxations or disc problems yet still functioning as an exam, adjusting or therapy table.

**Intended Use:** The TradeFlex Manual Flexion Table is intended for use in a clinical environment to support patients during treatment.

## Safety Precautions & Definitions:

**Warning and Precautions** through this manual are indicated by specific symbols. Applicable symbols are shown below along with a description of the symbol. Review these symbols and all safety precautions before operating the table.

	<b>CAUTION:</b> Text with a “CAUTION” indicator will explain possible safety infractions that could have the potential to cause injury.
	<b>WARNING:</b> Text with “WARNING” indicator will explain possible safety infractions that will potentially cause serious injury and equipment damage.

	<b>Pinch Point:</b> Indicates space between manually adjustable moving and stationary parts where body parts may become caught, leading to minor injury.
	<b>Warning: High Voltage</b>
	<b>Crush Hazard:</b> Indicates space between powered moving and stationary parts that represent a potential crush hazard.
	<b>Instructions for Use:</b> Indicates the need for the user to consult the instructions for use.
	<b>EXPLOSION HAZARD</b> Text with “EXPLOSION HAZARD” indicator will explain possible safety infractions if this equipment is used in the presence of flammable anesthetics.
	Contains electronic materials. Recycle and dispose of device properly in accordance with local, state and federal laws.
	Indicates the device manufacturer.

**Before using this equipment follow the following safety precautions:**



**WARNING:** Never leave patient on table unattended.



**CRUSH HAZARD:** Powered components used to elevate and lower this table present a potential crush hazard. KEEP CHILDREN AWAY FROM TREATMENT AREA. Allow only the patient and authorized staff in treatment area.



**WARNING:** Under no circumstances should the table be modified from its original design. Contact Pivotal Health Solutions if you need help with service.



**WARNING:** Federal law restricts this device to sale by, or on the order of, a licensed practitioner.



**ELECTRICAL CONNECTION:** For your personal safety, this table must be grounded. This table is equipped with a power supply cord having a three (3) prong grounding plug. To minimize possible shock hazard, it must be plugged into a mating three (3) prong grounding type wall receptacles, grounded in accordance with the National Electrical Code and local codes and ordinances. If a mating wall receptacle is not available, it is the responsibility and obligation of the customer to have a properly grounded three (3) prong wall receptacle installed by a qualified electrician. Power requirements of the table are found in the Technical Data Section.



**DANGER:** Possible explosion hazard if used in the presence of flammable anesthetics.

- Before using this equipment make sure you have read and understand this entire manual.
- Explain proper use to all employees. This table should be used only by qualified, trained personnel in a clinical setting.
- Never exceed the table's maximum supported weight.
- Connect table only to an outlet that is grounded and connected to a circuit with a fused circuit breaker in accordance with the National Electrical Code and local codes and ordinances.
- Use only on dry surfaces. Ensure the table's feet do not slide.
- This table is NOT for patient transport.
- NOT intended for use with accessories other than those indicated in this manual.
- Do not operate the table in an environment where other devices that intentionally radiate electromagnetic energy in an unshielded manner are present.
- Always explain to the patient how to properly get on and off the table. Be sure to assist patient to prevent falls.
- Keep patient's hands positioned on the top side of cushions at all times.
- Keep hands and feet away from moving parts and pinch points.
- Ensure controls have locked properly prior to positioning or releasing patient.
- Never leave patient unattended on table.
- Follow preventative maintenance instructions provided in this manual.
- Ensure all components have been inspected for damage and are fully functional.
- Inspect cables and connectors before each use.
- If you need service assistance contact Pivotal Health Solutions at 1-800-743-7738.

## Installation & Unpacking:

**A MINIMUM OF TWO PEOPLE ARE REQUIRED TO LIFT AND MOVE THE TABLE. LIFT THE TABLE BY THE BASE FRAME!**



**WARNING:** Do not lift the table by the Head Section or Arm Rest.



**WARNING:** Do not install/use this equipment adjacent to, or stacked with, other equipment as it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify they are operating normally.

After removing the top and side panels of the shipping crate, you may notice metal bands and plastic cable ties. These are used to secure various sections of the table and must be removed. Once all bands and cable ties are removed, the table must be lifted directly upward in order to clear all shipping restraints.

Once the table is out of the shipping crate, place table in a level location and inspect the table cushions, frame, cables, etc. for damage. If no damage is noted, plug in the table and test the elevation, drops, and any other options that are on your table. **REVIEW THE FLEXION LOCK PIN OPERATION BELOW BEFORE ATTEMPTING TO TEST FLEXION.** Contact Pivotal Health Solutions or your dealer with any questions or concerns.

1. Locate the Flexion Lock Pin on your table.








2. With one hand on the cushion and one hand on the flexion lock pin, gently pull out the flexion lock pin then rotate the pin slightly counterclockwise (it only moves a few centimeters). The pin should pull out of the slot and the cushion will have free movement. Once the pin is out the slight rotation will prevent the pin from reseating into a slot and allows flexion to be performed.



3. Your table should have arrived with the tension on this pin in the low tension "sweet spot", so very little force should be on the flexion lock. However, if the pin does not easily pull out of the slot, or you have already changed the tension, follow the steps below.
  - a. Decrease tension all the way by pressing decrease tension on the foot pedal.
  - b. Then raise the tension in small increments until you see the cushion move slightly.
  - c. Check if the pin can now be pulled out.



## Technical Specifications:

Base Model Number	E9017	E9217	E9017-L	E9217-L	E9019-L
Rated Voltage	120/240V	230V	120/240V	230V	120/240V
Rated Frequency	50/60Hz	50Hz	50/60Hz	50Hz	50/60Hz
Rated Current	10A	10A	10A	10A	10A
Fuse Type	No User Serviceable Fuse	No User Serviceable Fuse	No User Serviceable Fuse	No User Serviceable Fuse	No User Serviceable Fuse
Load Capacity	350 lbs.	350 lbs.	350 lbs.	350 lbs.	350 lbs.
Duty Cycle	2 Minutes On, 18 Minutes Off	2 Minutes On, 18 Minutes Off	2 Minutes On, 18 Minutes Off	2 Minutes On, 18 Minutes Off	2 Minutes On, 18 Minutes Off
Electrical Classification	Class 1	Class 1	Class 1	Class 1	Class 1
Electrical Type	 Type B	 Type B	 Type B	 Type B	 Type B
Power Cord (115V)	96 in (243 cm) cable length, 10A, unshielded				
Power Cord (230V)	98 in (250 cm) cable length, 10A, unshielded				



**WARNING:** Keep table out of high moisture areas. For indoor use only.

**Operating Conditions:** This table should be operated, between 40° F (4.4° C) and 100° F (37.8° C), with relative humidity ranging from 30% - 80%.

**Transport & Storage Conditions:** This table should be transported and stored in temperatures between -40° C (-40° F) and 70° C (158° F) with relative humidity 10%-100%.

### Table Physical Specifications:

- Height (Elevating) 21-29" H
- Load Weight 340 lbs.
- Shipping Weight 400 lbs.
- Dimensions 73" L x 28" W x 20" H
- Shipping Dimensions 90" L x 32" W x 38" H
- Load Rating 350 lbs.

**Expected Life:** This product has an approximate expected life time of 10 years when correctly handled, serviced, and inspected in accordance with these instructions.

**Design and Quality:** Pivotal Health Solutions is certified in accordance with ISO 13485, the standard for the medical device industry.

**Product Changes:** Pivotal Health Solutions, Inc. reserves the right to make products changes without prior notice. Contact your Pivotal Health Solutions representative for advice and information about product upgrades.

## Operation:

**FEDERAL LAW RESTRICTS THIS DEVICE TO SALE FOR USE BY OR ON THE ORDER OF A PHYSICIAN OR OTHER MEDICAL PRACTITIONER LICENSED BY THE LAW OR THE STATE IN WHICH HE PRACTICES, TO USE OR ORDER THE USE OF THE DEVICE.**



**WARNING:** Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the TradeFlex Manual Flexion Table including cables associated with the TradeFlex Manual Flexion Table. Otherwise, degradation of the performance of this equipment could result.



**WARNING:** Use of accessories and cables other than those specified or provided by Pivotal Health Solutions could result in increased electromagnetic emissions or decreased electromagnetic immunity and result in improper operation.

### Assisting Patient onto Table:

- 1) The practitioner or trained staff should always assist the patient on the table. Do not allow the patient to get on the table by him/herself.
- 2) The patient should check clothing for keys, wallet, belt, or any other items that may cause discomfort during treatment or damage upholstery.
- 3) Never leave patient unattended while on the table.

### Assisting Patient off of Table:

- 1) Caution the patient not to get up from the table alone so as to prevent any strain that could void the treatment, and to ensure the patient is not lightheaded from lying down which can cause imbalance.
- 2) Allow patient to get full balance before coming to a standing position. Best practice is to keep a hand on the patient at all times.

### Table Operation:

- 1) To begin treatment, position the patient on the table. A patient is typically in prone position.
- 2) If table is in lowered position, elevate to the desired height for treatment once the patient is in place.
- 3) Perform the treatment desired. Refer to the 'User Interface & Auto-Cocking Control' section and/or the individual component functions below for operation of specific table features.
- 4) After treatment, return the table to a level and straight configuration, ensure any Auto-Cocking switches are in the off position, and make sure the Auto-Flexion controls are stopped.





### Adjustable Face Cushions:

- The headpiece cushions are adjustable for the patient's comfort. They can be opened and closed using the 2 knobs at the front of the table. Loosen the knob by turning it counterclockwise and slide the cushions in or out to the desired position. Once the cushions are positioned properly, turn the knob clockwise to lock them in place.

### Extension/Flexion Headpiece:

- Raise or lower the headpiece by squeezing the lever under the headpiece cushions. When the headpiece is in the desired position, release the lever.

### Ankle Extension Lock Handle:

- To move the ankle extension, turn the lock handle under pelvic section counterclockwise and pull out ankle extension to desired position. Turn lock handle clockwise to retighten.



**P-A Flexion:**

- To flex rear section, turn flexion control locking handle counterclockwise to release. Push down on the flexion section using the flexion handle. Adjust the tension using the tension foot pedal. When finished, turn flexion control locking handle clockwise to lock section in place.

**Break-Away Abdominal:**

- Lower or raise the abdominal section by pushing the abdominal release lever down and releasing lever when it is in the desired location.

**Ankle Strap:**

- Secure strap to table by clipping to metal loops under the edge of the ankle cushion.

**Flexion Handle:**

- Flexion handle will be included. To secure the handle, insert it into the receiver tube and tighten knob. To remove, loosen knob, rotate handle to break free, and pull the handle out.

**Rear Lateral Flexion:**

- To move the pelvic cushion left or right from the centerline, release the lateral flexion lever and move the pelvic cushion to the desired position. When doing “lateral flexion”, use care as the cushions section will swing left and right. The release lever can be held open by inserting retainer pin.

**Leveling Feet:**

- Level table by turning feet in or out and securing using jam nut.

**Elevation:**

- Use the table height adjustment foot pedal to raise and lower the table height.

**Drop(s):**

- Adjust drops to lightest setting when first adjusting a patient. If set too high initially, the drop may not drop based on patient’s body weight and injury may occur.
- Turn tension control knob counter clockwise for lighter setting.
- Test drop by lifting up on cocking lever. Drop should hold patient.
- Tighten tension control knob clockwise until drop will hold patient. If it falls when setting up for treatment, more tension is required.



**CRUSH HAZARD:** Powered components used to elevate and lower this table present a potential crush hazard. KEEP CHILDREN AWAY FROM TREATMENT AREA. Allow only the patient and authorized staff in treatment area.



**PINCH POINT:** Always keep patient's hands positioned on top side of cushions when lowering, raising and tilting table to keep from potential pinch points.

## Preventative Maintenance:



**WARNING:** Disconnect table from power source before wiping down mechanical parts to avoid personal injury.

### INSPECTION:

At least monthly the table should be thoroughly inspected for wear and tear, loose hardware and parts, and other damage.

- Inspect the table to make sure that there is no external damage or loose hardware. Tighten loose hardware. Hardware that does not tighten needs replacement.
- Inspect table for obvious signs of damage or wear such as cracked welds, loose bolts, frayed or damaged cords. Do not use a table with damaged cords.
- Check moveable components (electrical and non-electrical) to ensure functionality.
- Check components to ensure they lock and function properly.
- **Contact Pivotal Health Solutions with questions or concerns.**

## Upholstery Cleaning & Care:



**CAUTION:** Read carefully, improper cleaning will void the warranty. Never use alcohol-based cleaning agents.

**DISINFECTING:** There is a disinfecting wipe on the market called *Protex Ultra Disinfectant Wipes*. Many of our customers use these.

**FOR DAY TO DAY CLEANING:** A solution of 10% mild household liquid dish soap with warm water, applied with soft damp cloth. Rinse with clean water and dry.

**FOR STAINS:** Dampen a soft white cloth in a one to one (1:1) solution of Fantastik® and water OR Formula 409® and water. Rub gently and rinse with a water dampened cloth.

**FOR MORE DIFFICULT STAINS:** Dampen a soft white cloth with a solution of household bleach (10% bleach / 90% water). Rub gently and rinse with a water dampened cloth to remove bleach concentration.

**WHAT NOT TO USE:** Using the wrong cleaning agents you will VOID YOUR WARRANTY and crack, dry out and destroy your vinyl. Do not use any cleaning agents that contain alcohol, harsh chemicals or abrasives.

## Troubleshooting:

No Power	<ol style="list-style-type: none"><li>1. Verify power supply connections.</li><li>2. Check that outlet is working and breaker is not tripped.</li><li>3. <i>If the problem persists, contact Pivotal Health Solutions.</i></li></ol>
Elevation: Table will not raise or lower.	<ol style="list-style-type: none"><li>1. Check to verify table is home by lowering all table sections flat in the horizontal direction.</li><li>2. Check to see if cord running from foot control to control box is connected properly.</li><li>3. Look for damage to controls.</li><li>4. Make sure outlet is working properly.</li><li>5. <i>If the problem persists, contact Pivotal Health Solutions.</i></li></ol>
Ankle section slips	<ol style="list-style-type: none"><li>1. Check for proper operation.</li><li>2. <i>If the problem persists, contact Pivotal Health Solutions.</i></li></ol>
If you hear an unusual noise.	<i>Contact Pivotal Health Solutions</i>

**Refer to Warranty section in this manual for specific warranty information.**

## Service:

When replacing worn parts, use genuine Pivotal Health Solutions, Inc. parts by contacting our service department. When ordering replacement parts:

- Ask for the service department, 800-743-7738
- Have the model number and serial number available
- Specify parts by the numbers/description below

## Instructions for Damaged Merchandise:

The contents of this shipment have been checked and packed by experienced personnel. If your company arranged the shipping, damage should be noted on the Bill of Lading before signing to accept the shipment, then articles damaged in transit should be reported at once to delivering carrier and a claim must be filed by you. If freight was arranged by Pivotal Health Solutions, note any damage on the Bill of Lading before signing acceptance of product and notify Pivotal Health Solutions right away. Failure to inspect for shipping damage prior to signing for the product may affect your warranty. We can neither be responsible for, nor can we accept the return of merchandise damaged in transit during shipment arranged by outside parties.

## Technical Information:

Pivotal Health Solutions will make available, upon request, circuit diagrams, component part lists, descriptions, calibration instructions, or other information that will assist service personnel.

**Resale or Disposal:**

A chiropractic table is considered a medical device by the Food and Drug Administration. Therefore, it is necessary that Pivotal Health Solutions, Inc. be notified if the table is sold, destroyed, or otherwise disposed of. Please notify in writing providing your name and the serial number of your table to:

**Pivotal Health Solutions**  
**Attn: Quality**  
**3003 9<sup>th</sup> Ave. SW**  
**Watertown, SD 57201**



Recycle and dispose of device properly in accordance with local, state and federal laws. Over the years, tons of electronics equipment with hazardous materials have been thrown away with standard garbage. Over time, these materials leech out of the electronic causing damage to the environment. It is important to try and properly dispose of retired devices in order to prevent damage to our environment.

## Replacement Parts:

### Replacement Part Information



NOTE: These tables may have various cushion configurations. Please contact Pivotal Health Solutions for replacement cushion details.

<b><u>Part Name</u></b>	<b><u>Part Number</u></b>
Arm Cushion	E1018-xxx
Face Cushion	E1020-xxx
Thoracic Cushion	E1032-xxx
Pelvic Cushion	E1019-xxx
Ankle Cushion	E1044-xxx
Short T-Bar	58429
Long T-Bar	58430
SST Strap	E2077
Seat Belt Comforter	E2226
Single Foot Pedal	95283
Double Foot Pedal	95284
Single Dual Control Elev./Tens. Foot Pedal	I9328-DUAL
Dual Elev./Tens. Foot Pedal Assembly	E7641

\*xxx is a place holder for the color code. Contact Pivotal Health for the appropriate color code for your table.

## Warranty:

Pivotal Health Solutions warrants to the **original purchaser** that each PHS Chiropractic product shall be free from defects in material and workmanship and agrees to remedy any such defect or to furnish a new or equal part in exchange therefore. Warranty covers components and repairs (labor) indicated below, commencing on date of original shipment. Labor coverage may not include replacement or installation of small parts or components. Pivotal Health Solutions Service and/or Sales will determine the technical level of service needed and approve labor coverage on a case by case basis.

**Warranty Period:** 1-year structural frame, electrical components, foam and upholstery, moving components, hardware, and accessories. Labor covered on repairs in 1<sup>st</sup> year.

Pivotal Health Solutions reserves the right to inspect claimed defective products. No returns, replacements or repairs may be made without prior written consent. Please do not return any product to Pivotal Health Solutions or its service center without first contacting Customer Service for a Return Authorization number. Products returned without a Return Authorization number will be refused back to the customer at their expense.

**Return Authorization** can be obtained by contacting the service department at Pivotal Health Solutions. Refer to Service section of this manual for contact information.

This Warranty covers defects in materials and workmanship provided the product is used for the normal purpose for which intended. The customer shall be responsible for the proper set-up and use of the product. This Warranty does not include damage resulting from accident and expressly excludes normal wearing of parts or deterioration due to normal wear and tear, damage caused by improper set-up or storage, defect caused by transportation, accident, fire, flood, alteration, abuse, misuse, or negligence. Pivotal Health Solutions shall not be liable for any direct or indirect, incidental, exemplary, or consequential damages or delay, including damages for loss of income or loss of use.

Any obligation of Pivotal Health Solutions under this Warranty shall automatically and immediately terminate, without notice from or any further action by Pivotal Health Solutions and Pivotal Health Solutions shall have no responsibility for damages of any kind as a result of the occurrence of any of the following:

- accident, misuse, abuse or negligent use of the Products or any component thereof;
- any repair or alteration of the Products or any component thereof made outside Pivotal Health Solutions' authorization;
- improper installation, setup, or operation (including both mechanical and electrical) of the Products or any component thereof, which includes the operation of the Product not in accordance with the Product's operating manual;
- failure to provide normal maintenance for the Products or any component thereof in accordance with the Product Operating Manual.
- Alteration or obliteration of any identifying marks.

**Note:** Warranty periods listed apply only to products purchased in new condition. Any tables sold as a factory blemish or in used condition are sold 'as-is' and are limited to a (1) year warranty on the frame only, commencing on the date of delivery.

## Manufacturer Information:



Pivotal Health Solutions, Inc.  
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Watertown, SD 57201  
USA



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