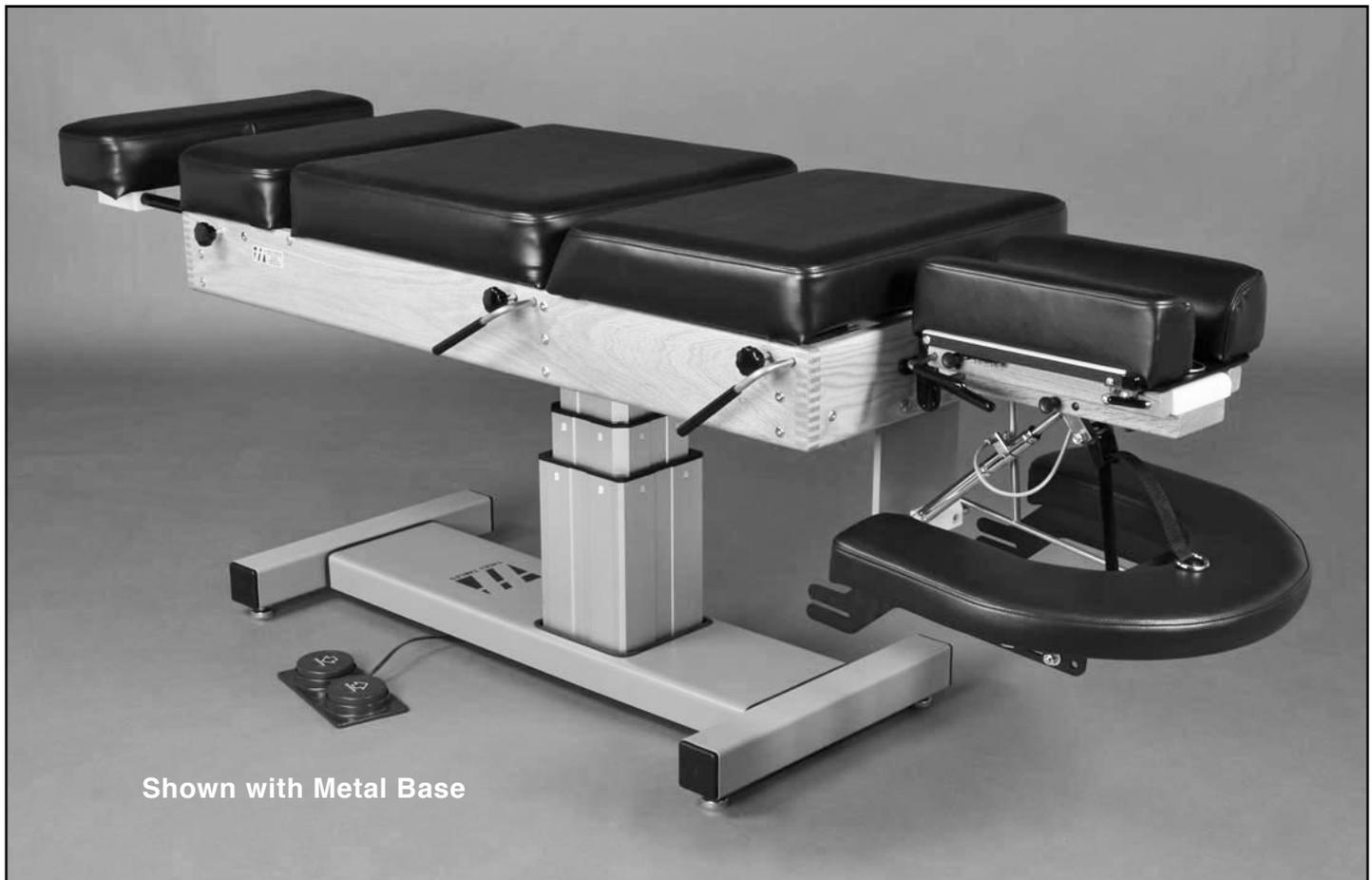


## Owner's Manual

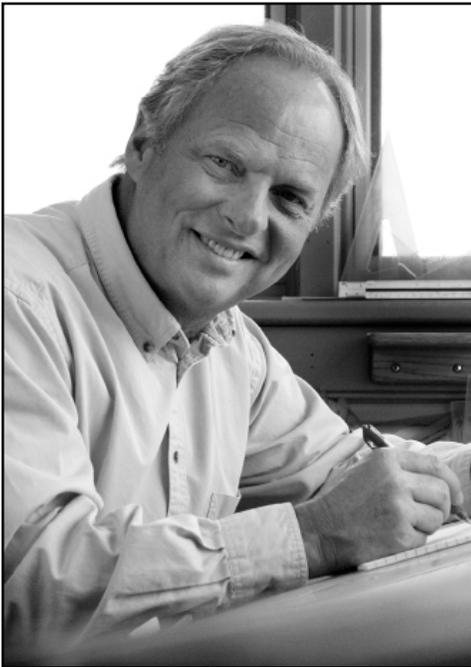
## 300 Elevation



Shown with Metal Base

### Table of Contents

|  |       |                                 |      |
|--|-------|---------------------------------|------|
| Introduction & Warranty . . . . .          | 2     | Table Accessories . . . . .     | 13   |
| Identification of Parts . . . . .          | 3-4   | Care & Maintenance . . . . .    | 14   |
| Table Assembly . . . . .                   | 5     | Motor Troubleshooting . . . . . | 15   |
| Headpiece Attachment & Operation . . . . . | 6-10  | Office Art . . . . .            | 16   |
| Table Operation . . . . .                  | 11-12 | Overview of Products . . . . .  | Back |



Thank you for your purchase of a 300 Elevation table. We are pleased to provide you with a chiropractic adjusting table that is versatile, precisely engineered and beautiful. It has been thoroughly inspected and tested right down to the smallest detail before leaving our shop. We are confident that it will provide you with many years of reliable service.

Please take the time to read this manual carefully. It will familiarize you with the table and instruct you on its proper operation and maintenance.

Thuli Table products are covered by a one year warranty, which includes any defect in workmanship, function and materials under normal wear and tear conditions.

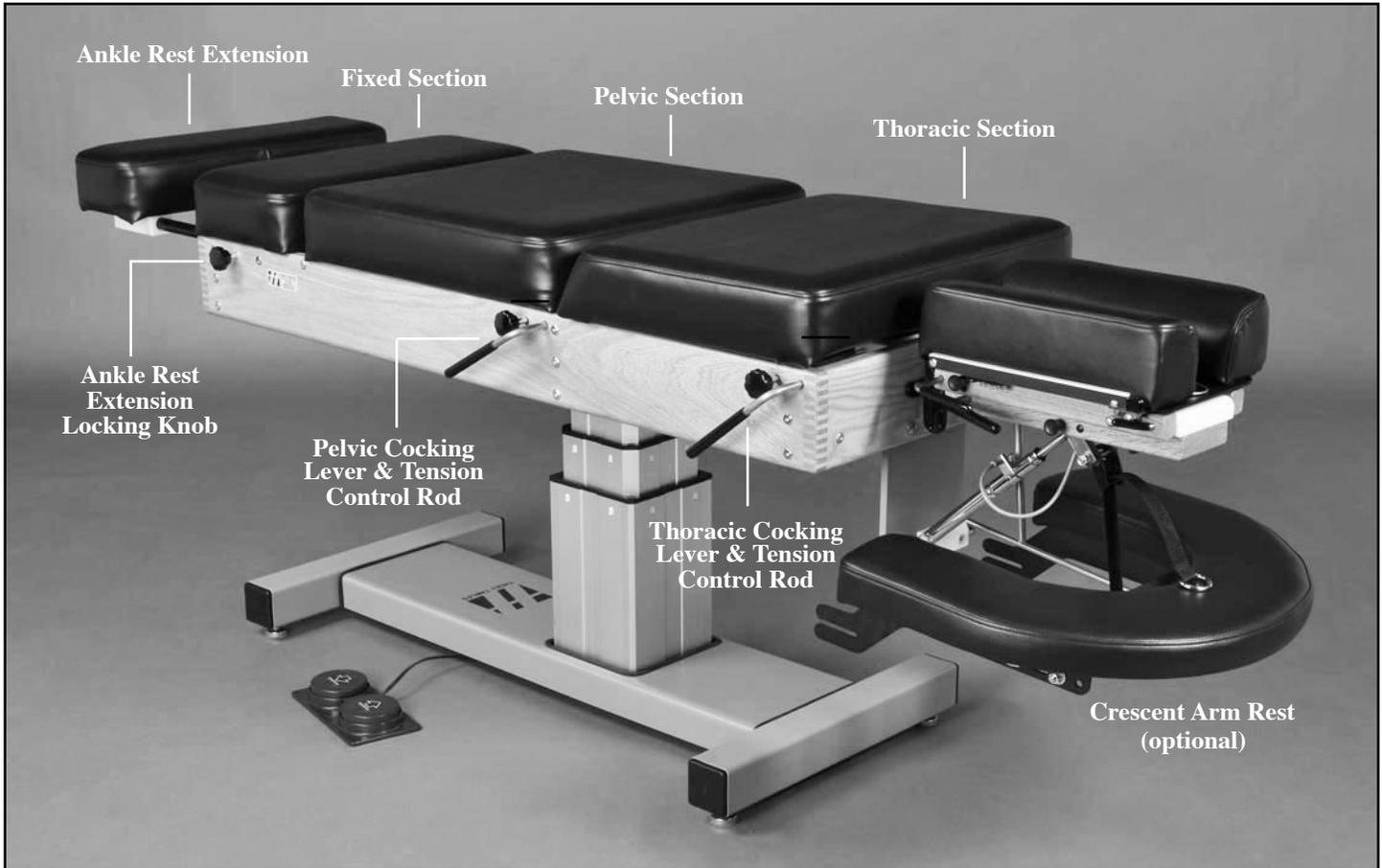
If you have any questions or comments, please contact us. We look forward to speaking with you!

Sincerely,

A handwritten signature in cursive script that reads "Thuli".

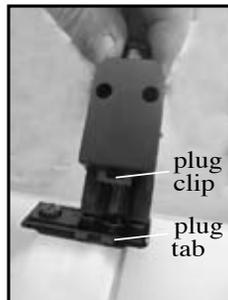
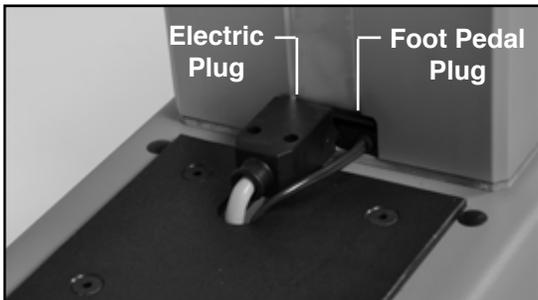
**Rick Thuli, D.C.**  
**President**





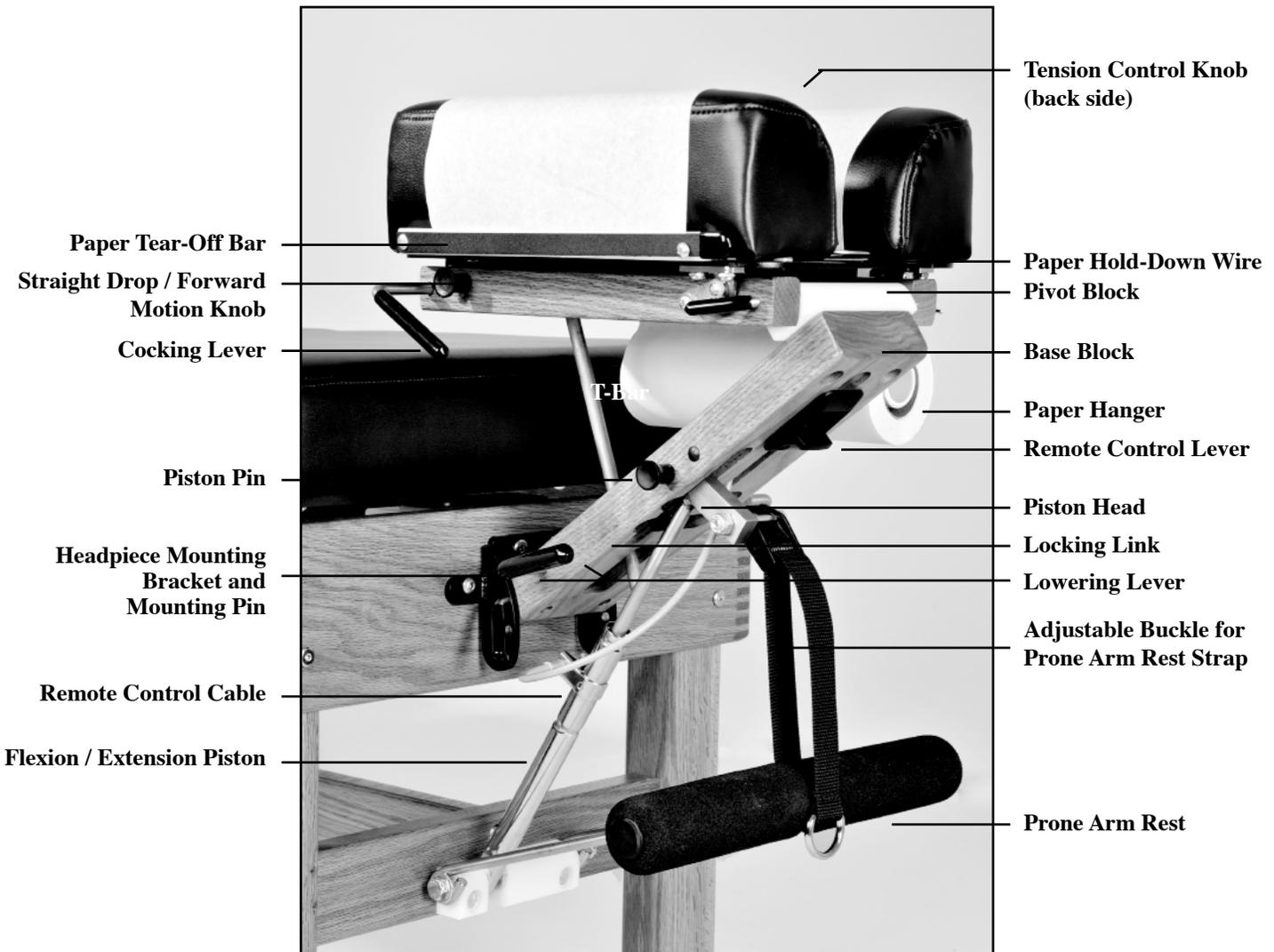
## MOTOR INFORMATION

To extend the life of the motor, instruct the patient to get on and off at the center of the table as much as possible. Avoid elevating or lowering the table while the patient is not centered on the table.



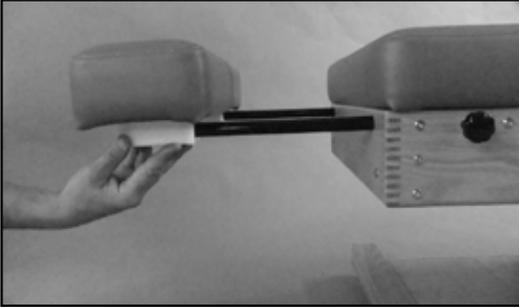
If the cord is not attached to the motor, plug it in, making sure the clip snaps onto the tab. A flat screwdriver may be helpful to gently guide the clip.

The electric and foot pedal plugs are located at the base of the motor shaft.



Your table will arrive in two boxes and is easy to assemble. The headpiece and ankle rest extension are packaged separately from the table. We have included two different wrenches to assist you in the assembly process.

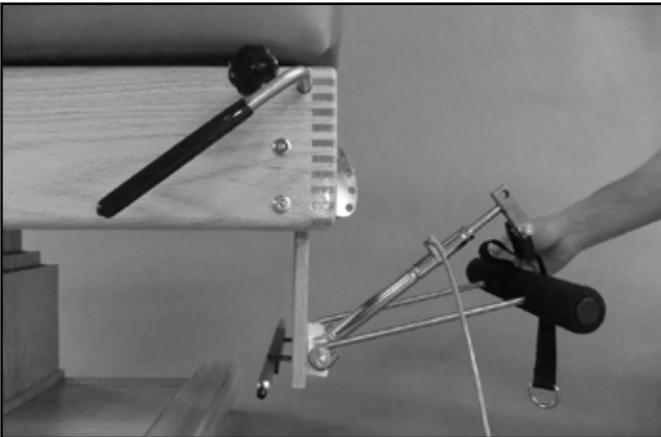
## ANKLE REST EXTENSION



1. Remove the hitch pins and “O” rings from the ankle rest extension rods.
2. Loosen both ankle rest extension lockout knobs and slowly remove the wooden dowels from the plastic housing (these dowels were installed for shipping purposes only to keep the plastic spacer from falling out of the plastic housing).
3. Slowly insert the ankle rest extension assembly through the frame and plastic housings.
4. Once you’ve pushed the ankle rest extension all of the way in, replace the “O” rings and hitch pins.

## HEADPIECE ATTACHMENT

### PISTON / PRONE ARM REST



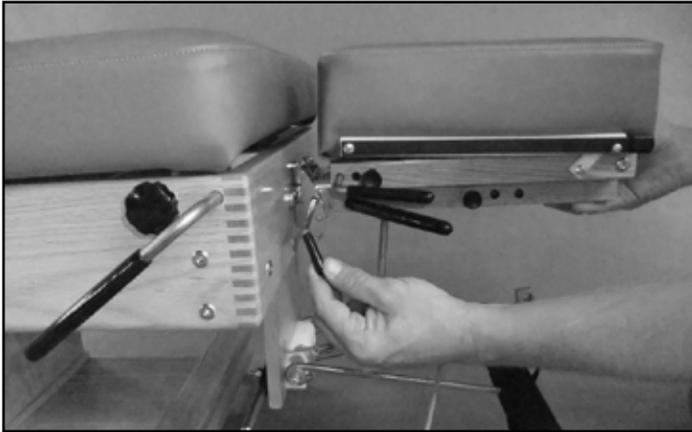
1. Attach the piston/prone arm rest and crescent arm rest mounting bracket (optional) to the headpiece plate, matching up the colored dots.
2. Swing the piston/prone arm rest down out of the way to provide room for attaching the headpiece.

### ENGAGING T-BAR



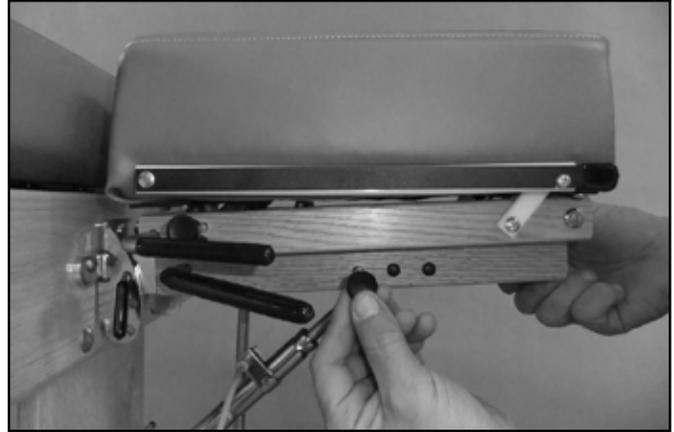
1. Place headpiece onto its cushions.
2. Lift the headpiece base block to a 45 degree angle by grasping the headpiece lower lever.
3. Grasp the long rod of the T-Bar and insert it through the hole in the locking link of the base block.
4. Lower the headpiece base block to a closed position by applying counterclockwise (downward) pressure to the headpiece lowering lever.

## ATTACHING HEADPIECE



1. To attach the headpiece to the table, slide it between the headpiece mounting bracket.
2. Visually line up the hole in the headpiece base block with the top holes of the headpiece mounting bracket and insert the mounting pin with a twisting motion.

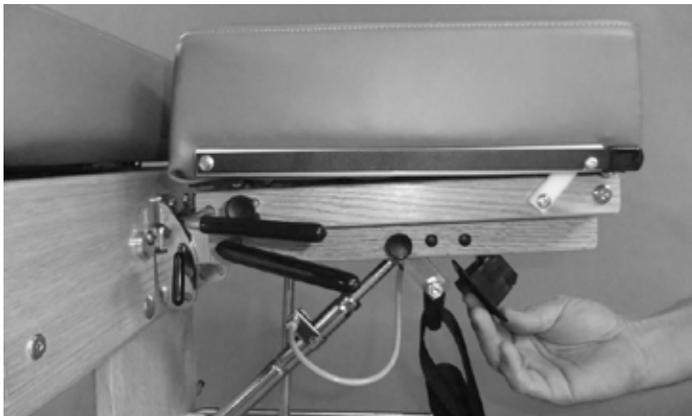
## ATTACHING PISTON / PRONE ARM REST



1. Swing the flexion/extension piston down toward the off-centered slot in the headpiece base block.
2. Remove the piston pin from the headpiece base block and raise the front end of the headpiece to allow the piston to engage the off-centered slot.

**NOTE:** Operating the remote control lever will allow you to rotate the piston head to align with the off-centered slot.

## PISTON / PRONE ARM REST (cont.)



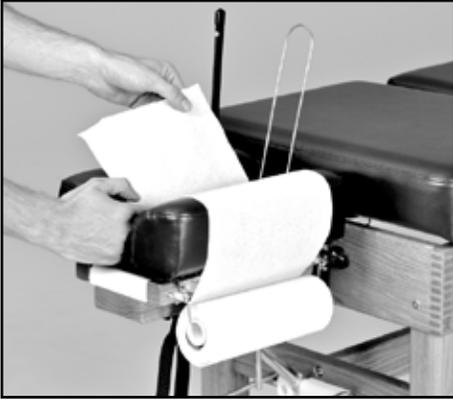
3. Attach the flexion/extension piston to the headpiece base block by visually lining up the holes and re-inserting the headpiece piston pin.
4. Install the remote control lever into the bottom of the base block by inserting the gray cable into the narrow slot and tilting the cable end of the lever into the recess until it snaps into place. Operating this lever will allow the headpiece to lay flush with the table cushions.

## CRESCENT ARM REST (optional)



Attach Crescent Arm Rest by sliding the slotted end of the brackets over the mounting rods. Push front of Crescent Arm Rest down so that the block plastic bars slide over the foam pads on the Prone Arm Rest.

## HEADPIECE PAPER



1. Install a standard 8.5" roll of headpiece paper.
2. Raise the paper hold-down wire and tear-off bar. Advance the paper and tuck it between the cushions.
3. Lower the hold-down wire between the cushions, lower the tear-off bar and tear off any excess paper.



4. To advance the headpiece paper, raise the tear-off bar, hold your finger on the hold-down wire and pull the paper across the cushions. Pulling the paper in an upward direction will reduce friction, making it easier to pull.



5. To tear off used headpiece paper, use an upward motion while holding down the tear-off bar.

## FLEXION & EXTENSION



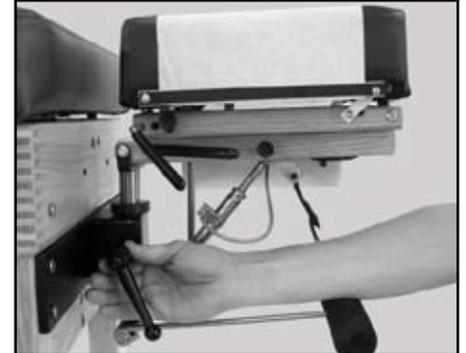
Flex and extend the headpiece by grasping the front end of the headpiece and operating the flexion/extension control lever.

## LATERAL FLEXION (optional)



To flex the headpiece laterally, turn the lateral flexion lever in a counterclockwise direction, manually position the headpiece, then lock it into position by tightening the lateral flexion lever. This can be done while the headpiece is in the flexed, extended or elevated position.

## LATERAL FLEXION LEVER



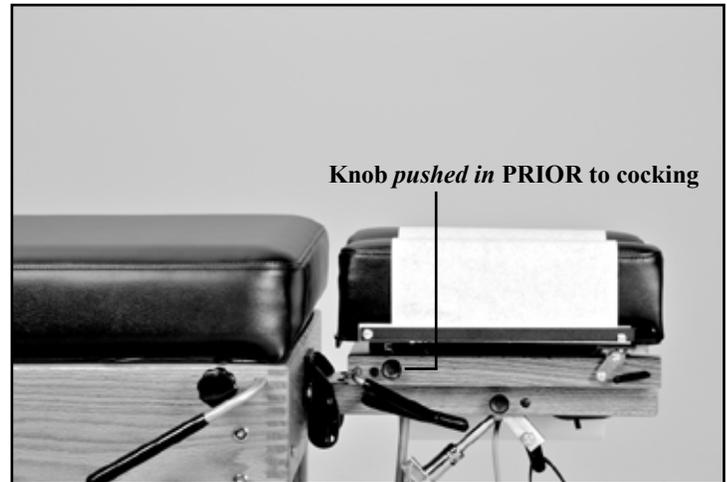
The position of the lateral flexion lever can be changed. With the lateral flexion lever tightened, pull the lever directly outward, rotate to the desired position and release.

## STRAIGHT DROP



**PRIOR to cocking the headpiece**, set for straight drop by **pulling out** the headpiece straight drop/forward motion knob until you feel it is “set” into position. This will be just short of coming into contact with the cocking bar. If you pull the knob out too far, no problem. Just push it back in and continue.

## FORWARD MOTION DROP



**PRIOR to cocking the headpiece**, set for forward motion drop by **pushing in** the headpiece straight drop/forward motion knob.

**PLEASE NOTE:** It is very important to **change the headpiece drop function BEFORE cocking the headpiece** to prevent an ineffective drop and damage to the drop mechanism. Cock the headpiece with an upward motion on the headpiece cocking lever. Set the desired tension by turning the tension control knob clockwise (increasing tension) or counterclockwise (decreasing tension).

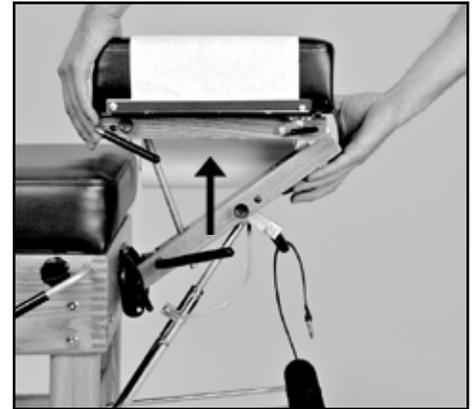
## VERTICAL ELEVATION



1. Raise the back end of the headpiece by lifting the grey grip of the cocking lever (without operating the lever).  
Caution: Do not grasp the cushions to raise the back end, which could stretch and damage the small springs.



2. Raise the front end of the headpiece by operating the flexion/extension control lever.



3. With practice, steps 1 and 2 can be combined to vertically raise the headpiece in one smooth motion.

## VERTICAL LOWERING



1. Lower the front end of the headpiece by operating the flexion/extension control lever.



2. In one smooth motion, lower the back end of the headpiece by lifting the headpiece lowering lever firmly with one hand while gently lowering the back end of the headpiece with the other.

## IMPORTANT

Advise your patient before changing the position of the headpiece. This is especially important when lowering the back end of the headpiece. **Always gently lower the back end with one hand while operating the headpiece lowering lever with the other.** Failure to do so may result in its sudden drop, causing possible alarm to the patient.

## HEADPIECE CUSHIONS: ADJUSTABLE WIDTH

The headpiece cushions are easily adjustable in width at the front end for individualized patient comfort. Firmly pull up on the front end of each headpiece cushion and move in (one or two notches) or out (one or two notches) to desired position. Secure cushions by engaging locating pins into notches provided.



Neutral position.



Narrowest position for smaller faces (eg children).



Widest position takes pressure off of the patient's eyes.

## PRONE POSITION



Position the patient sufficiently forward with arms outstretched and wrists resting comfortably on the Prone Arm Rest, which is adjustable in height. To raise, pull on the loop at the end of the strap. To lower, squeeze the cam lock (to loosen the strap) and pull down on the Prone Arm Rest grips. Advise the patient not to apply weight on the Prone Arm Rest while getting up from the table.

## SIDE POSTURE POSITION



Side posture positioning of the patient's head for lumbo-pelvic adjusting or toggle recoil adjusting.

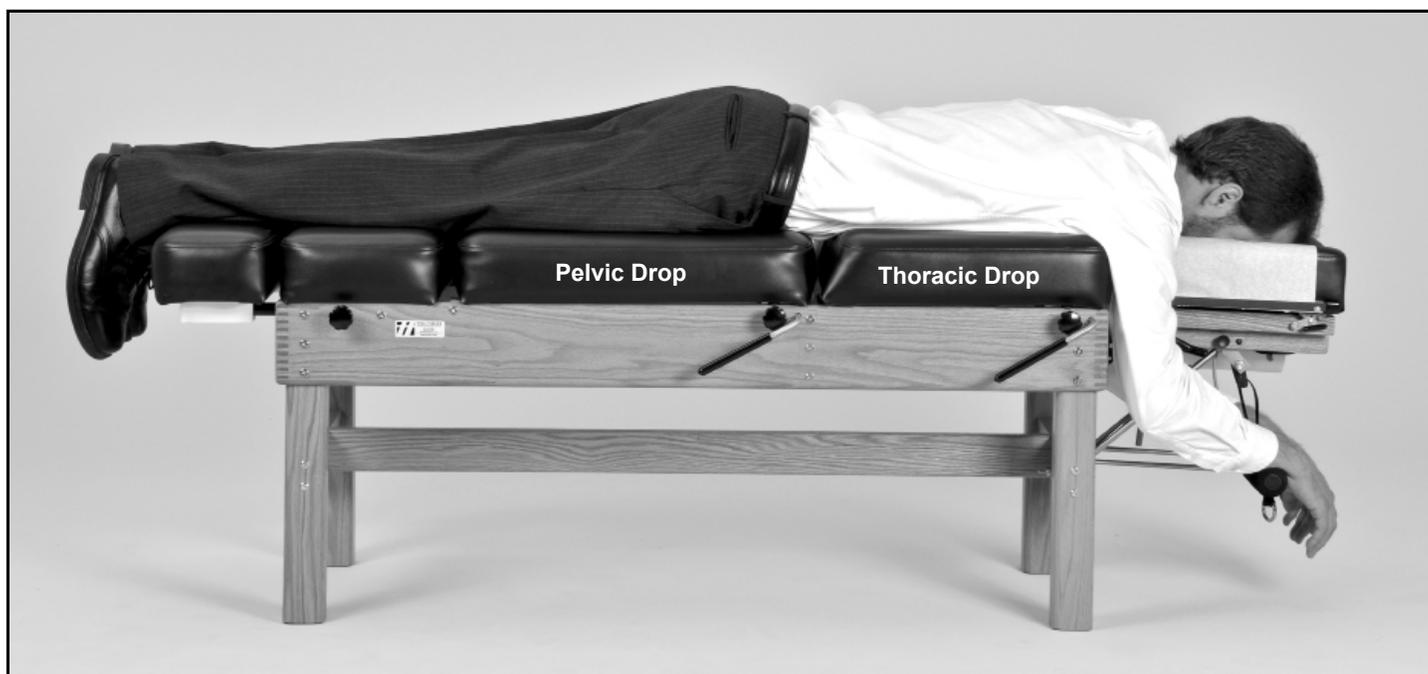
## SUPINE POSITION



Position the headpiece vertically to give maximum support of the cervical spine and patient's head when in a supine position.

### EYE COMFORT IN PRONE POSITION:

For patients who are sensitive to pressure on their eyes, slightly raise the back end of the headpiece. This will take pressure off of the eyes by supporting the weight of the head at the mandible and zygomatic arches. Using this maneuver, in combination with slight flexing of the headpiece, will provide additional comfort for many patients.



## PELVIC DROP

Position the patient's anterior superior iliac spine (ASIS) at the juncture of the pelvic and thoracic sections.

## THORACIC DROP

Position the patient sufficiently forward with their arms outstretched and wrists resting on the prone arm rest. This will insure that the skin on the back of the patient's arms will not be pinched between the thoracic section and the table frame when using the drop.

## SETTING THE TENSION

All drops have adjustable tension control and cock with an upward movement of the cocking lever. Following is a general guideline for setting the tension, which can vary according to your personal preference.

1. Advise your patient prior to setting the tension.
2. With the patient on the table, cock the drop section with an upward motion of the cocking lever. There must be sufficient tension on the drop to hold the patient's head or body weight.
3. Decrease the tension control knob by turning it counterclockwise until the section drops.
4. Increase the tension by turning the tension control knob clockwise 3 - 4 half turns. As a general rule, the drop is now set for the patient's weight.

## THORACIC INCLINE



### ANTERIOR THORACIC ADJUSTING

The thoracic section can be raised to a 20 degree angle. Lift the thoracic section, swing the slant bar down and allow the rubber tips to rest on top of the front legs (the right arm of the slant bar will straddle the thoracic tension control knob).



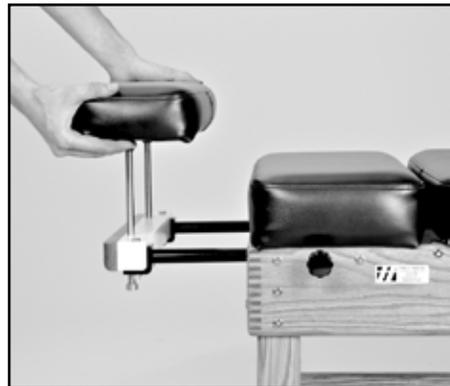
### CERVICAL PALPATION & ADJUSTING

**Uses of the thoracic incline include** anterior thoracic adjusting, cervical palpation and diversified cervical adjusting. This feature allows the practitioner to remain in a comfortable, upright position.

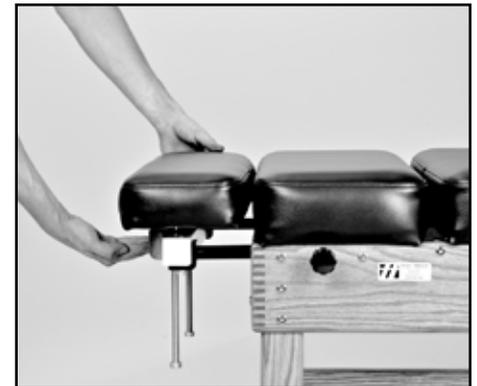
## ANKLE REST EXTENSION

The ankle rest can be extended up to 11" to accommodate taller patients. Shorter patients can drop their feet into the recess created by the extended ankle rest. Locking knobs are provided on both sides of the table.

## ANKLE REST ELEVATION AND LOWERING (optional)



To **ELEVATE**, simply lift up on the ankle rest.

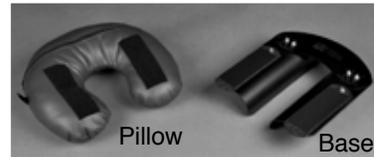


To **LOWER**, lift the center of the wood bar with one hand while gently lowering the ankle rest with the other hand.

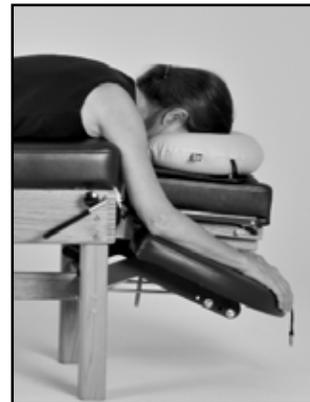
## COMFORT PILLOW



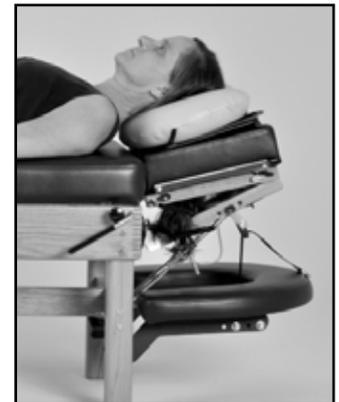
The base of the Comfort Pillow inserts into place between the headpiece cushions. Use with your Thuli or any other manufacturer's table!



The Velcro on the underside of the pillow secures it to the base, allowing for width adjustability.

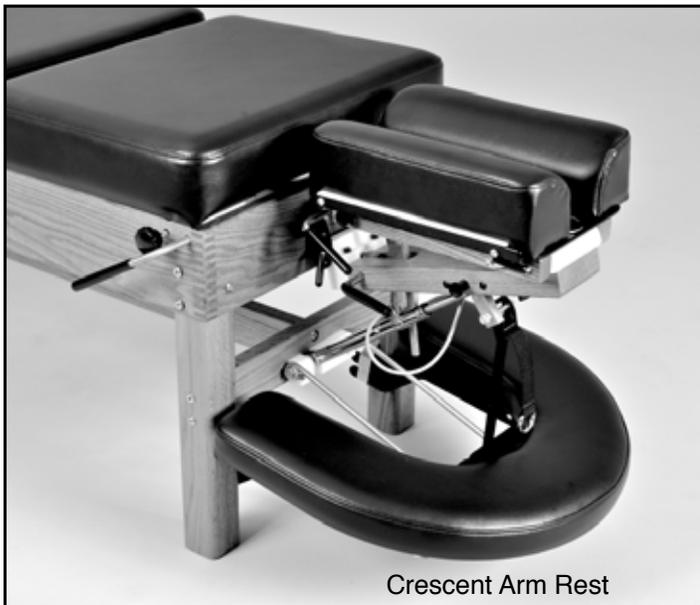


The Comfort Pillow offers massage quality comfort in the prone position.



Rotate the Comfort Pillow 180 degrees to provide cervical support in the supine position.

## CRESCENT ARM REST



The Crescent Arm Rest provides additional forearm support in the prone position. Simply slide both slotted ends of the bracket onto the bolts located on the inside of the front legs and push down onto the standard Prone Arm Rest. The Crescent Arm Rest will snap into place and its positions are easily adjustable. Can be retrofitted at anytime (minimal installation required).

## BOLSTERS

2.75" x 20" Bolster (shown on Tour portable)



Bolsters are 20" wide with a nonslip base. Choice of two heights: 2.75" or 4.25". Use in prone position under ankles or in supine position under knees to relax hamstrings.

## DROP MECHANISM LUBRICATION

Periodic lubrication of the drop mechanisms will insure smooth, crisp drops. We recommend that you use 3-IN-ONE oil after about 500 adjustments or once/month, whichever comes first. If the drops have not been lubricated on a regular basis, it is recommend to first clean the plungers using WD-40. See instructions below.

### CERVICAL DROP



#### Routine lubrication:

1. Raise the back of the headpiece.
2. Apply 3-IN-ONE into the hole of the white drop mechanism housing as shown in the photo. Allow a few minutes for the lubricant to penetrate the mechanism before using the headpiece drop.

#### If the drop has not been lubricated on a regular basis:

1. First clean the plunger from accumulated dust and debris by applying WD-40 (as shown above) and then drop the headpiece several times.
2. Apply 3-IN-ONE oil to lubricate the drop (as described above).

## UPHOLSTERY

Normal day to day soil on the vinyl upholstery can be removed with neutral soap and warm water followed by a thorough water rinse. Avoid harsh detergents and powdered abrasives. Areas coming in contact with hair, body oils or perspiration should be washed frequently. Remove stains immediately to prevent the possibility of them becoming permanent. In the event of damage, pre-sewn replacement upholstery is available from Thuli Tables.

### THORACIC & PELVIC DROPS



#### Routine lubrication:

1. Cock the pelvic drop section. Cock and raise the thoracic section to its inclined position. This will expose the lubrication holes in the drop mechanism housings (on the opposite side of the tension control knobs).
2. Apply 3-IN-ONE oil into these holes. Allow a few minutes for the lubricant to penetrate the mechanisms before using the drops.

#### If the drops have not been lubricated on a regular basis:

1. First clean the plungers from accumulated dust and debris by applying WD-40 (as described above) and then drop the sections several times.
2. Apply 3-IN-ONE oil to lubricate the drops (as described above).

To extend the life of the motor, instruct the patient to get on and off at the center of the table as much as possible. Avoid elevating or lowering the table while the patient is not centered on the table. Following is a list of items to check if the motor is not working properly.

## MOTOR IS NOT WORKING

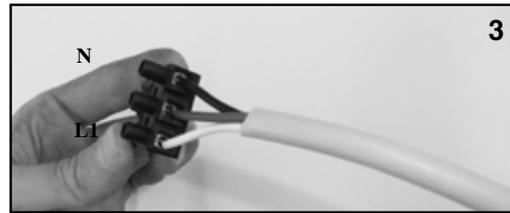
1. The outlet may not be working or the breaker is tripped. Try plugging in another device.
2. The electrical connection in the back of the motor may be disengaged.
3. The air lines from the foot switch to the motor may be not be fully connected or they may be kinked or broken. If they are kinked, try to straighten them. If broken, we sell replacement air lines.
4. The foot switch may be worn out. Unplug the air lines from the foot switch and blow into both of them, one at a time. If the foot switch is worn out, the motor will operate by doing this. Contact us for a replacement foot pedal.
5. The wires inside the plug may be loose or disconnected.  
To check this, first unplug the motor from the electricity. Follow the steps below.



Remove the plug from the motor by lifting up on the tab (using a flat screwdriver).



Remove the cover by removing the 2 screws (using a Philips screw driver).



Loosen the 3 screws (using a flat screwdriver) and re-connect the wires as follows:

**110 Motors:**

White wire goes into L1 (left)  
Green wire goes into middle  
Black wire goes into N (right)

**220 Motors:**

Brown wire goes into L1 (left)  
Green/Yellow goes into middle  
Blue goes into N (right)

6. If the above steps do not solve the problem, the motor must be sent in for repair. Please contact us.

## MOTOR IS MAKING NOISE

1. Squealing or screeching noise:  
The electronic brake has likely failed and must be sent in for repair.
2. Clicking noise:  
This is normal and may get louder with age, but functionally the motor is fine.

## MOTOR MOVEMENT

When the table is in an elevated position, some movement of the table is normal. If the movement becomes excessive and interferes with function, it is likely that the motor needs replacing. Please contact us.

### VERY MODERN, VERY SOPHISTICATED

Recognizing the need for distinctive, contemporary graphics for chiropractic offices and reception areas, Thuli Tables has commissioned two fine sets of plaques. Unmatched in visual appeal and content, these plaques are perfect for your consultation and adjusting rooms. They will assist your patients in understanding the essential principles of chiropractic.

Silkscreened on black laminate, each piece is 9" x 22" x 3/4".

### QUOTATION SET

*"Look well to the spine for the cause of disease."*



HIPPOCRATES

*"The doctor of the future will give no medicine, but will interest his patients in the care of the human frame, in diet, and in the cause and prevention of disease."*



THOMAS EDISON

### **chi-ro-prac-tic** (kī'rō-prāk'tic)n.

[Greek *cheir*, hand + *praktikos*, done by]

That science and art concerned with the relationship between the spinal column and the nervous system as it affects the restoration and maintenance of health, primarily utilizing the hands to adjust misaligned or malfunctioning vertebrae.

### EDUCATION SET



A **SUBLUXATION** refers to the structural misalignment or fixation between two or more adjacent vertebrae, causing nerve irritation and resultant alteration in normal mechanical and neurological functions of the body.

An **ADJUSTMENT** is the specific chiropractic procedure used to eliminate or reduce a subluxation, thereby restoring normal neural transmission to the involved area, and assisting the body's natural ability to achieve maximum health.



[www.thulitables.com](http://www.thulitables.com)



Tour Portable

[youtube.com/thulitables](https://youtube.com/thulitables)



Sport Portable



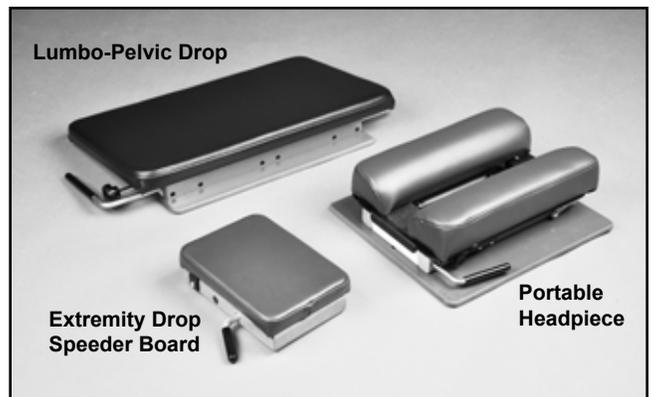
300 Stationary



500 Stationary



Elevation Tables



Lumbo-Pelvic Drop

Extremity Drop  
Speeder Board

Portable  
Headpiece

Portable Drops