



350 Owner's Manual

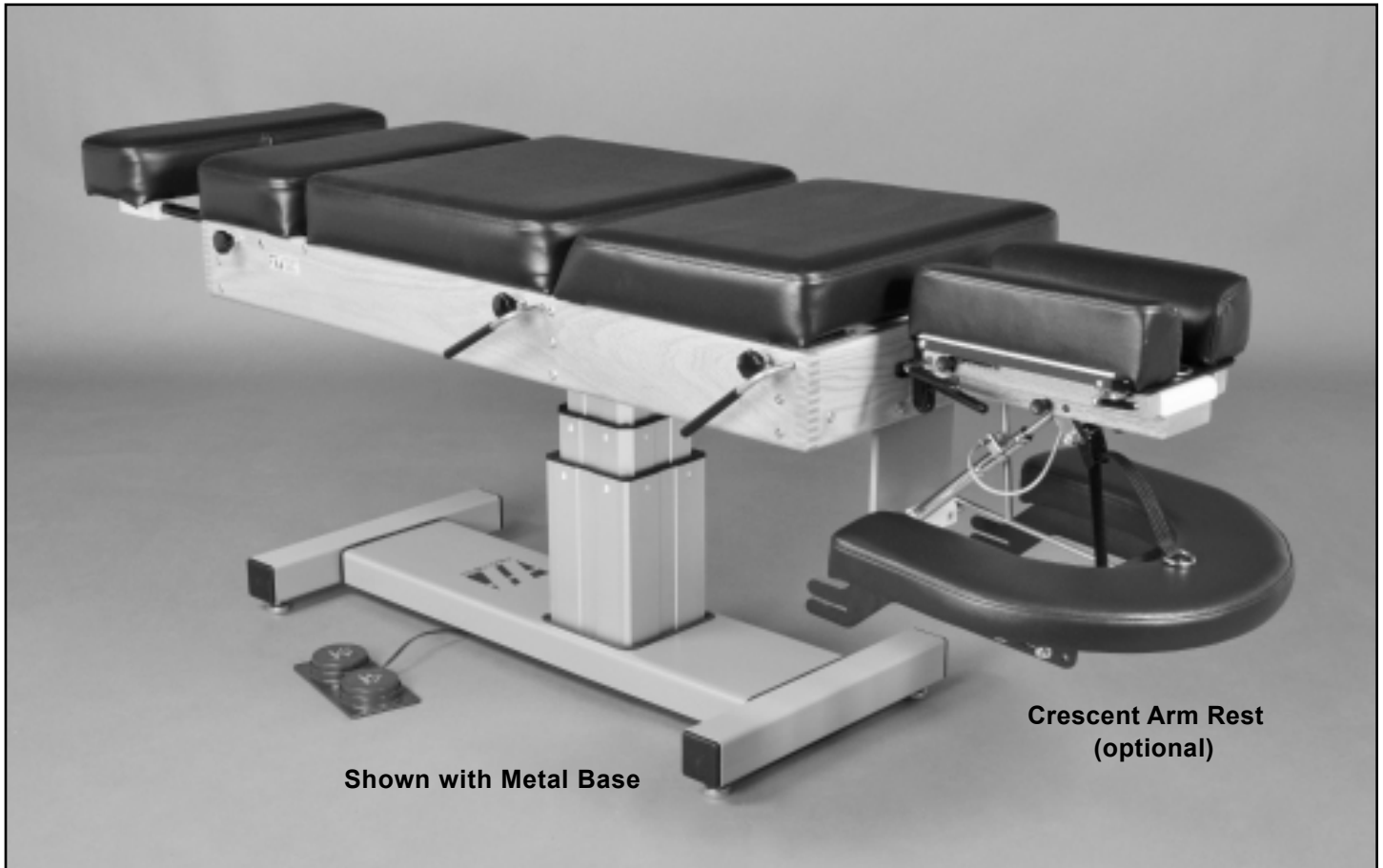
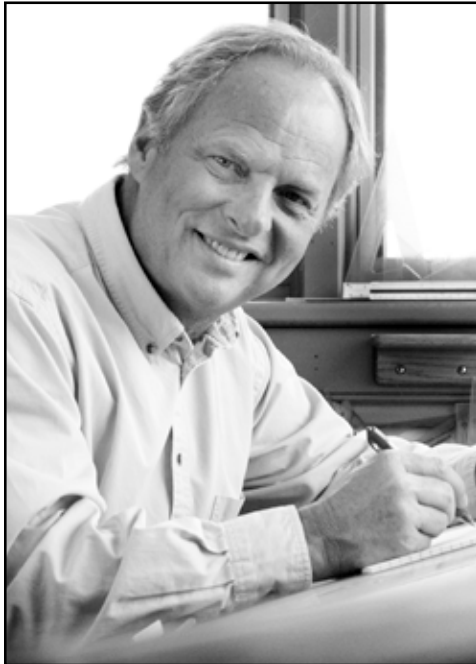


Table of Contents

Introduction	2	Accessories	13
Identification of Parts / Motor	3-4	Care & Maintenance	14-15
Table Assembly	5	Motor Troubleshooting	16
Headpiece Attachment & Operation ...	6-10	Warranty	17
Table Operation	11-12	Overview of Products	Back



Thank you for your purchase of a 350 Elevation table.

We are pleased to provide you with an aesthetically beautiful chiropractic adjusting table that is versatile and precisely engineered. 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.

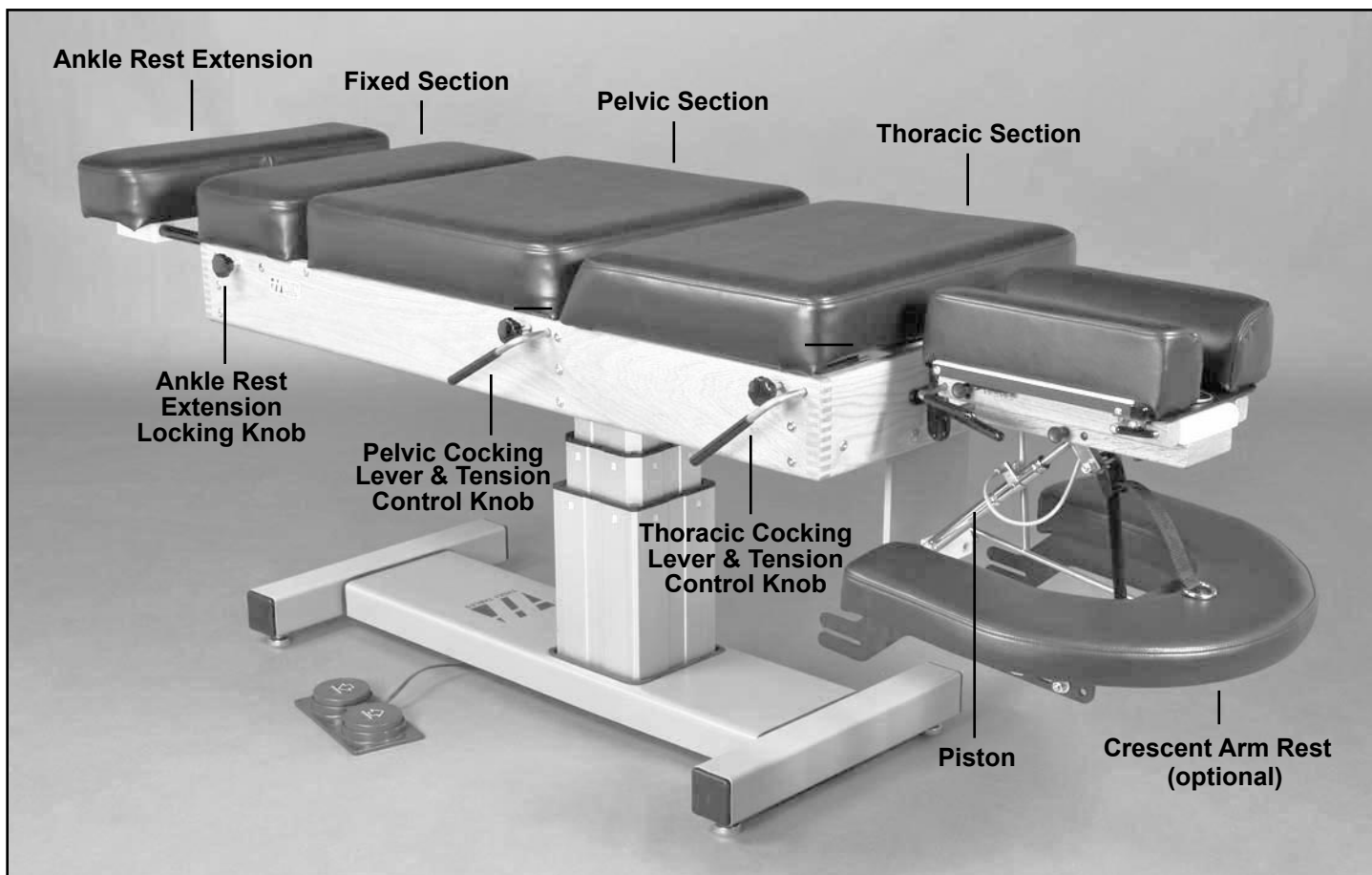
Please take the time to read this manual. It will familiarize you with the table and instruct you on its proper operation and maintenance.

If you have any questions or comments, please contact us.

Sincerely,

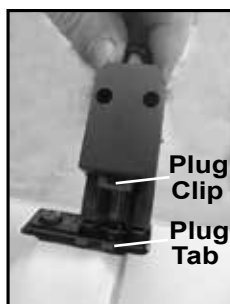
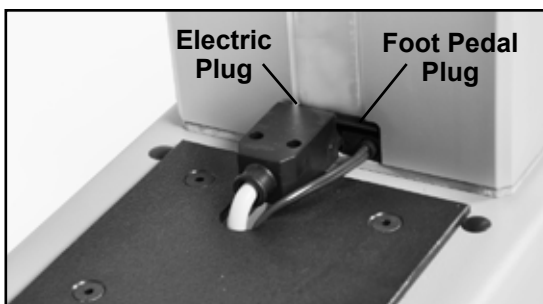
A handwritten signature in cursive script that reads "Thuli".

Rick Thuli, D.C.
President



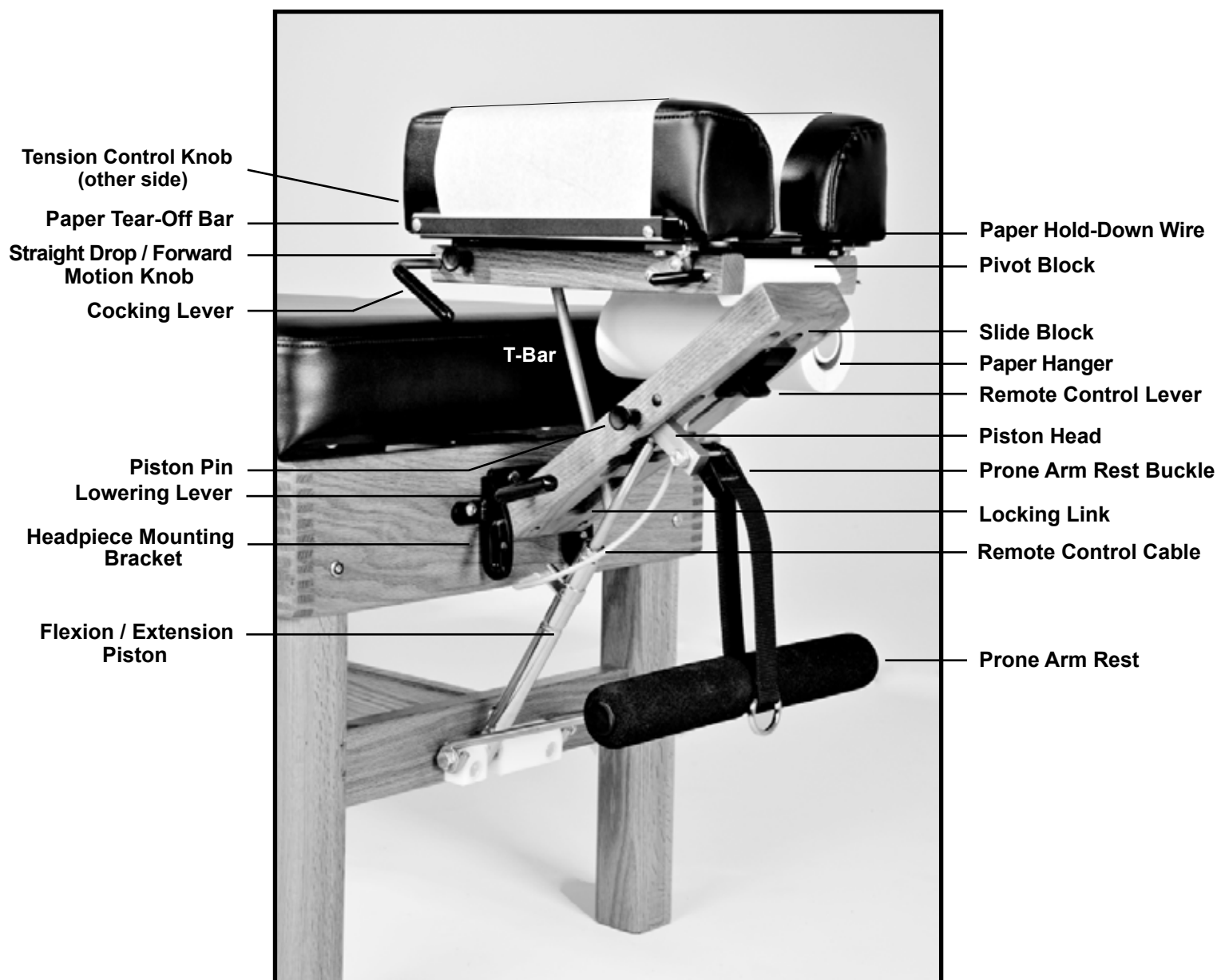
MOTOR INFORMATION

To extend the life of the motor, instruct the patient to get on and off at the center of the table. 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.

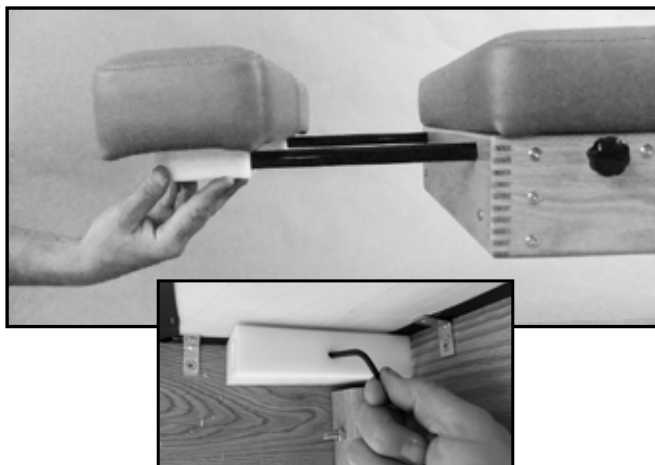


Shown on 300 Stationary

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 ATTACHMENT

1. Remove the hitch pins and “O” rings from the ankle rest rods.
2. Loosen both ankle rest locking knobs.
3. Slowly insert the ankle rest rods through the frame and plastic blocks. **Note:** If the rod does not slide in, the brass spacer that is inside the plastic block (under the table) needs to be moved out of the way. Simply insert an allen wrench into the small hole on the side of the block and push the brass spacer past the large hole, clearing the way for the rod (photo).
4. Push the ankle rest all the way in and replace the “O” rings and hitch pins.



HEADPIECE ATTACHMENT

PISTON / PRONE ARM REST ATTACHMENT

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.

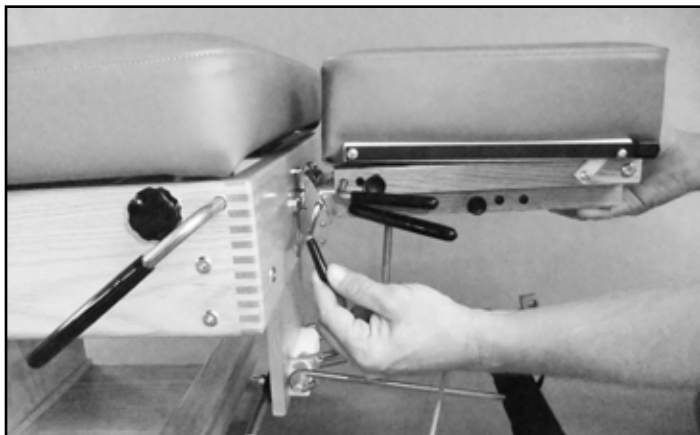


ENGAGE T-BAR

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



HEADPIECE ATTACHMENT (cont)



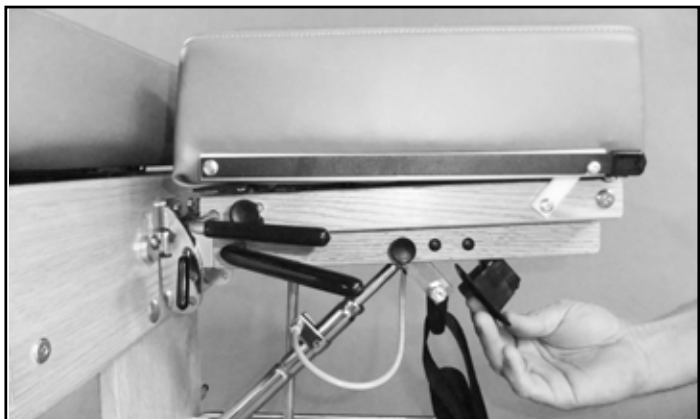
1. To attach the headpiece to the table, slide it between the headpiece mounting bracket.
2. Visually line up the hole in the slide block with the top holes of the mounting bracket and insert the mounting pin with a twisting motion.

PISTON ATTACHMENT



1. Swing the flexion/extension piston down toward the off-centered slot in the headpiece slide block.
2. Remove the piston pin from the slide block and raise the front end of the headpiece to allow the piston to engage in the off-centered slot. If the piston head does not align with the slot, operate the remote control lever to rotate the head as needed.
3. Attach the piston to the slide block by visually lining up the holes and inserting the piston pin.

REMOTE CONTROL LEVER ATTACHMENT



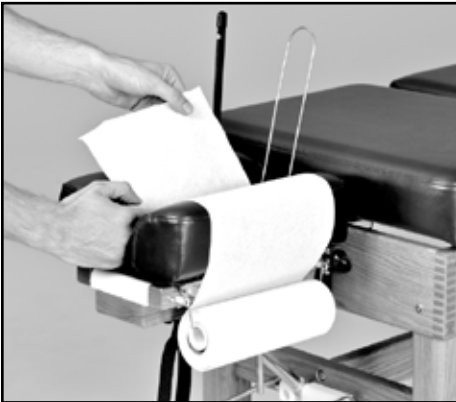
Install the remote control lever into the bottom of the slide block by inserting the cable into the narrow slot and tilting the cable end of the lever into the recess until it snaps into place. Operating the remote control will allow the headpiece to lay flush with the table cushions.

CRESCENT ARM REST (optional feature)



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

HEADPIECE PAPER



1. Install a 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



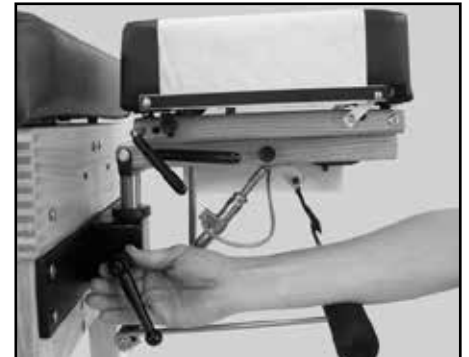
Flex and extend the headpiece by grasping the front end of the headpiece and operating the flexion/extension control lever.

LATERAL FLEXION (optional)



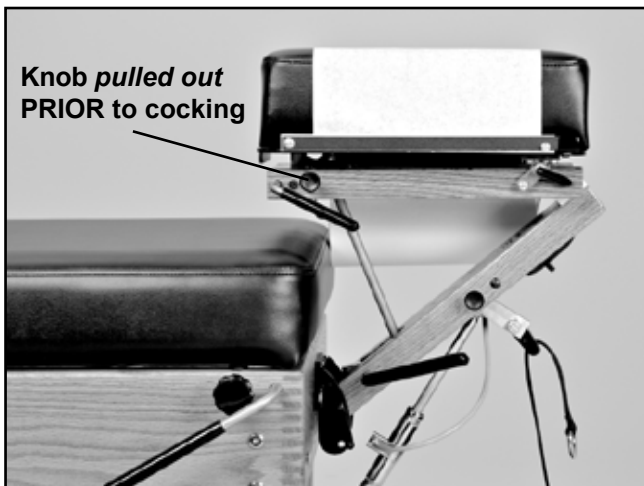
To flex the headpiece laterally, turn the lateral flexion lever in a counterclockwise direction, manually position the headpiece, then lock it into position by tightening the lateral flexion lever. This can be done while the headpiece is in the flexed, extended or elevated position.

LATERAL FLEXION LEVER



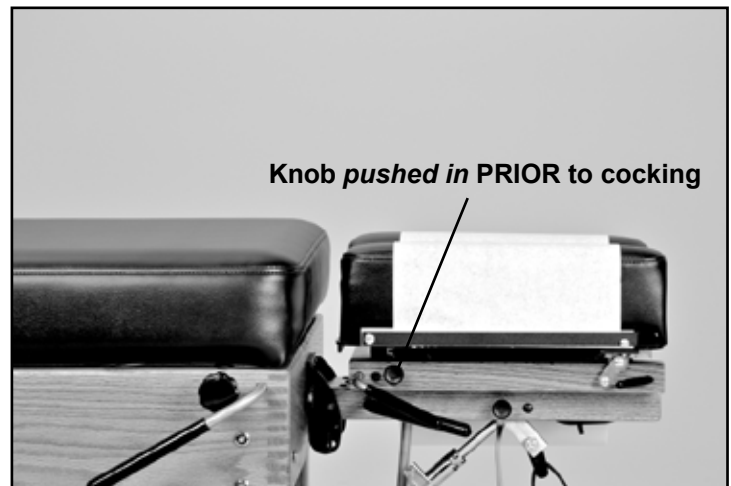
The position of the lateral flexion lever can be changed. With the lateral flexion lever tightened, pull the lever directly outward, rotate to the desired position and release.

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, simply 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: Be sure 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 counter-clockwise (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 with one hand while gently lowering the back end of the headpiece with the other.

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.



Narrower position for smaller faces (eg children).



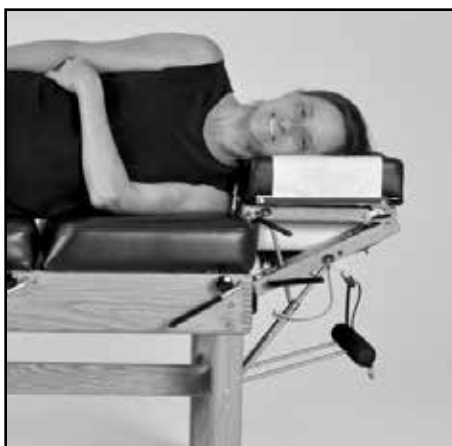
Wider position takes pressure off of the patient's eyes.

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.

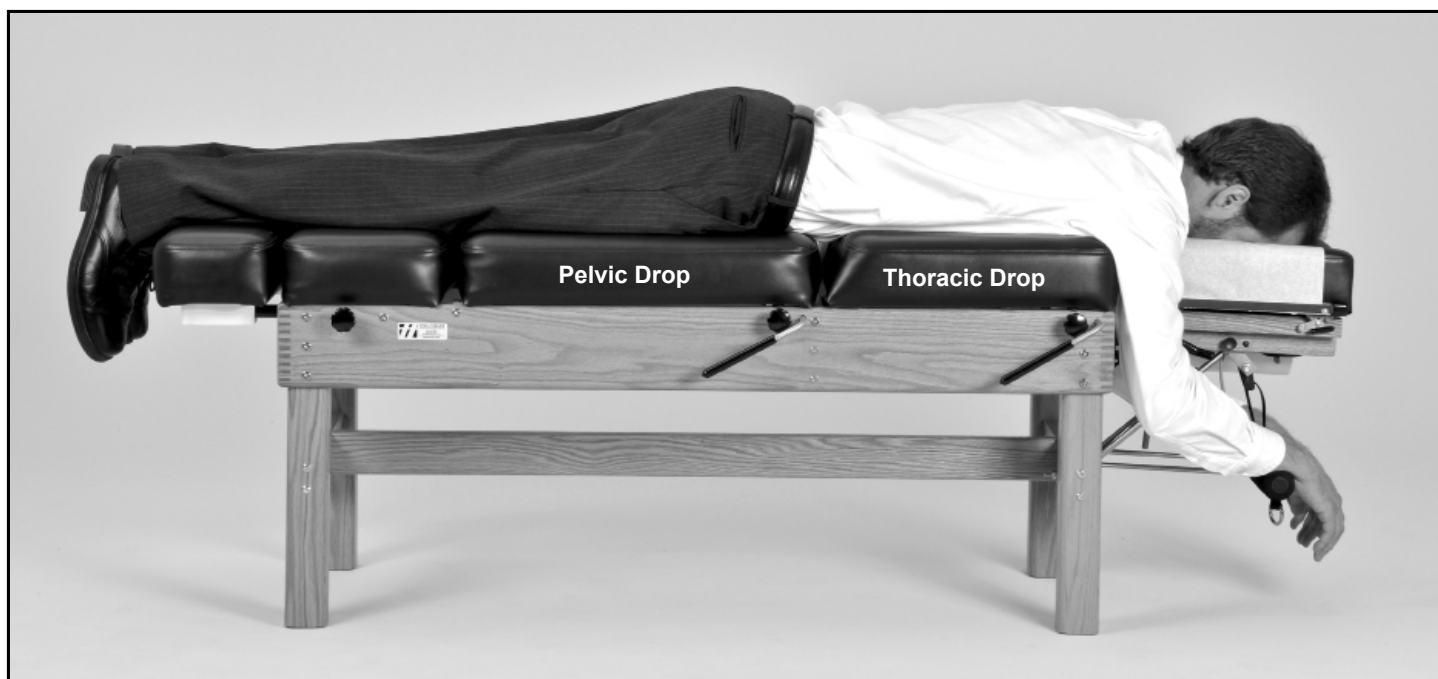
SUPINE POSITION



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.

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 counter-clockwise 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, which may vary according to the practitioner's preference.

THORACIC INCLINE



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.



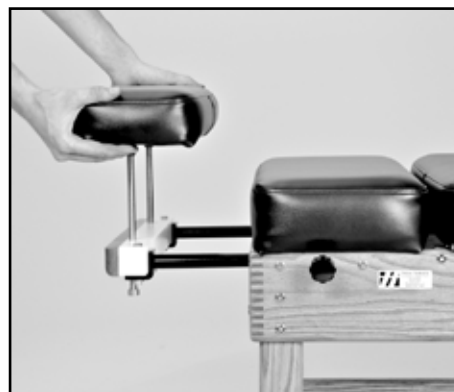
ANTERIOR THORACIC ADJUSTING

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).

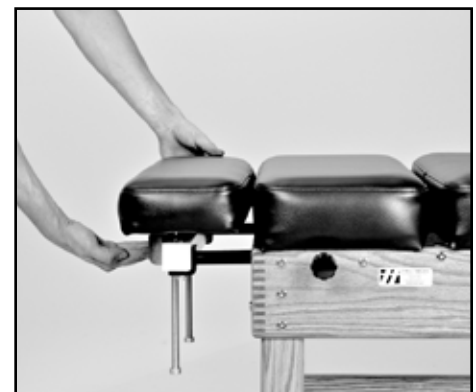
ANKLE REST EXTENSION

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 feature)



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. The opening is adjustable.



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

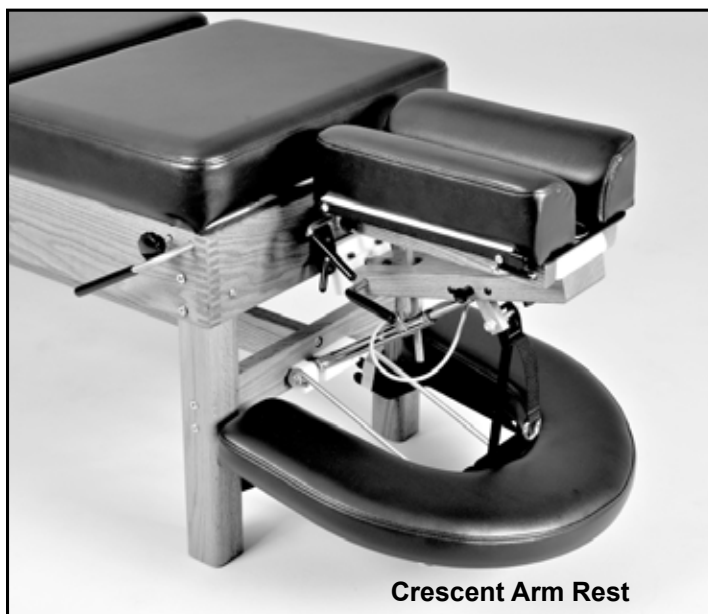


The Comfort Pillow offers massage quality comfort in the prone position.



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 to your table at anytime (minimal installation required).

BOLSTERS

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



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.

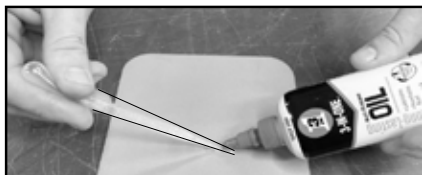
PRONE ARM REST SHIELDS



Nonporous and durable plastic shields slip over the prone arm rest grips. Easy to sanitize.

DROP MECHANISMS: CLEANING & LUBRICATION

Periodic lubrication of the drop mechanisms will insure smooth, crisp drops. Use **3-IN-ONE** oil every month or 500 adjustments. If the drops have not been lubricated on a regular basis, first apply **WD-40** to clean the plungers from dust & debris. See below.



SYRINGE USE (FOR PELVIC DROP)

To access the pelvic plunger, use a small syringe (provided). Squeeze several drops of **3-IN-ONE** oil onto a nonporous surface and suction into the syringe. Save the syringe for future use.

CERVICAL DROP



Routine lubrication:

1. Raise the headpiece and cock the drop.
2. Apply **3-IN-ONE** oil into the hole of the plastic block. Allow a few minutes for the oil to penetrate before using.

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

1. Apply **WD-40** into the hole and then drop the headpiece several times to clean the plunger from dust & debris.
2. It is important to follow the cleaning with **3-IN-ONE** oil for lubrication.

THORACIC DROP



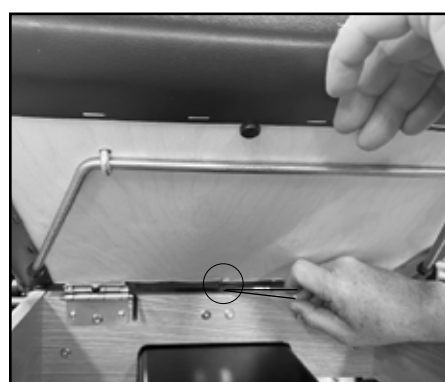
Routine lubrication:

1. Cock the thoracic drop and raise the section to its inclined position. Apply **3-IN-ONE** oil onto the thoracic plunger.
2. Cock the pelvic drop. Raise the thoracic section as far as possible, exposing the pelvic plunger just beyond the wood crosspiece. Using the syringe, apply **3-IN-ONE** oil onto the pelvic plunger and allow several minutes for penetration.

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

1. Apply **WD-40** onto the plungers (as above) and allow a few minutes for penetration. Drop each section several times to clean from dust & debris.
2. It is important to follow the cleaning with **3-IN-ONE** oil for lubrication.

PELVIC DROP



TENSION CONTROL ADJUSTMENT

The resistance on the tension control rod can be increased or decreased. Do this by adjusting the set screw on the bottom of the thoracic, pelvic and caudal drop blocks using a 1/8" allen wrench:

Increase resistance: Turn the set screw clockwise. This is helpful if the tension control rod is "backing out" while using the drop.

Decrease resistance: Turn the set screw counter-clockwise.



Set Screw

VINYL CLEANING

- 1. Mild Daily Cleaning:** Use dish soap and warm water (1:10) with a soft cloth. **Follow with a thorough, clear water rinse.**
If more cleaning is necessary, use a soft bristle brush with the same solution. 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 becoming permanent.
- 2. Disinfecting Options:**
 - Bleach:** Dilute 4 tsp bleach in 1 quart of water in a spray bottle. Spray on vinyl, leave for 1-2 minutes and rinse well with water.
 - Hydrogen Peroxide (3%):** Available in spray bottle. Use undiluted and leave on for 5 minutes and rinse well with water.
 - Alcohol (70% min):** Use undiluted. Leave on for 1-2 minutes and rinse well with water.
- 3. Water Rinse:** It is important to follow all cleaning with a thorough, clear water rinse to minimize premature deterioration of the vinyl from extended exposure to chemicals.

REPLACEMENT VINYL: In the event of wear or damage, pre-sewn replacement vinyl is available from Thuli Tables.

The motor is covered by a one year warranty. Please note that the motor, like all electrical products, will eventually wear out. The life of the motor is determined by various factors including number of uses, weight and positioning of patients, humidity and environmental conditions. To extend the life of the motor, instruct the patient to get on & off **at the center of the table**. Also, avoid raising or lowering the table if the patient is not centered on the table. If the motor is not functioning properly, please go through this checklist to determine the cause and resolution (which may include replacing the motor).

MOTOR IS NOT WORKING

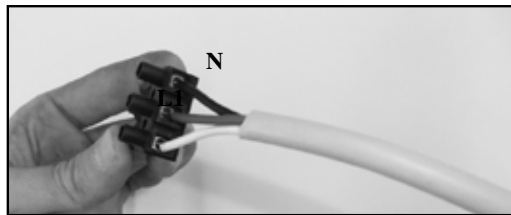
1. The outlet may not be working or the breaker is tripped. Test the outlet using another device.
2. The electrical connection in the back of the motor may be disengaged.
3. The air lines from the foot switch to the motor may not be fully connected or may be kinked or broken.
If kinked, try to straighten. If broken, contact us for a replacement.
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 motor operates by doing this, the foot switch is worn out. Contact us for a replacement.
5. The wires inside the plug may be loose or disconnected.
To check, first unplug the motor from the electricity and then 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 volt motor:

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

220 volt motor:

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

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.

TABLE 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.

Our tables are designed and built to high standards. We are proud to offer a limited lifetime warranty against manufacturing defects, with the exception of the headpiece piston and the motor (on elevation tables), which are covered by a one year warranty.

This warranty is valid to the original owner if the table has not been altered in any way. It does not cover issues caused by normal wear & tear or damage due to accidents, improper use or negligence.

If your table needs repair, whether under warranty or not, please contact us. We will determine what is needed and send you either a replacement or the necessary part for repair. Our tables have been designed so that replacing a part is relatively easy to do yourself. Please note that we do not cover labor costs if you hire someone to install the replacement part on your behalf.



Junior Portable



Sport Portable



Tour Portable



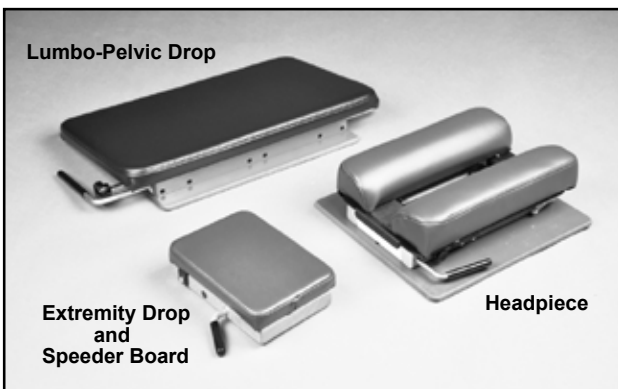
300 Stationary



500 Stationary



Elevation Tables



Portable Drops



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