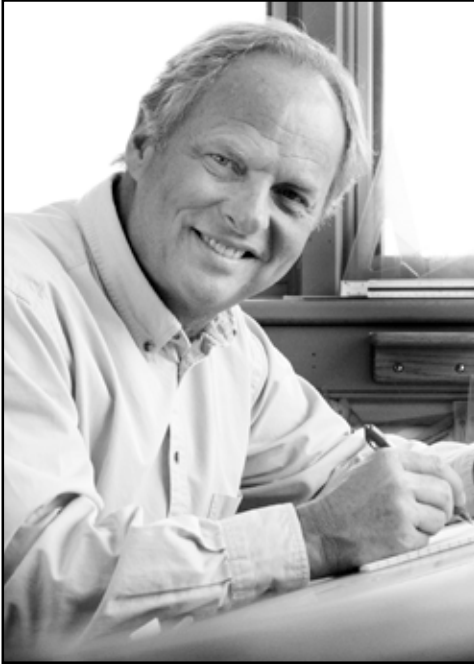


700 Elevation Owner's Manual



Table of Contents

Introduction	2	Accessories	12
Identification of Parts / Motor	3	Care & Maintenance	13
Identification of Headpiece Parts	4	Motor Troubleshooting	14
Table Assembly	5	Warranty	15
Headpiece Operation	6 - 8	Overview of Products	Back
Table Operation	9 - 11		



Thank you for your purchase of a 700 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.

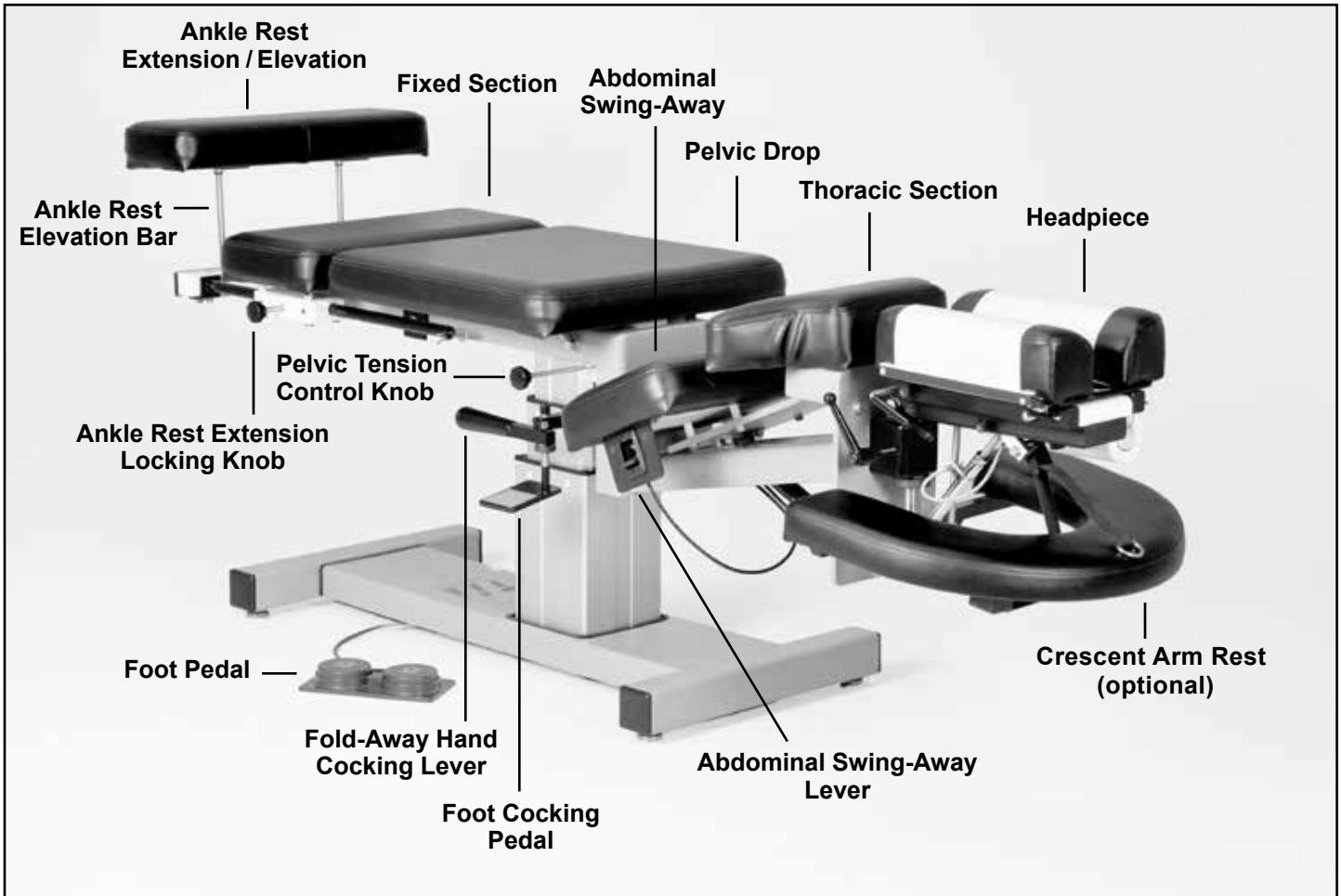
Please take the time to read this manual carefully. It will familiarize you with the table and instruct you on its proper operation and maintenance.

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

Sincerely,

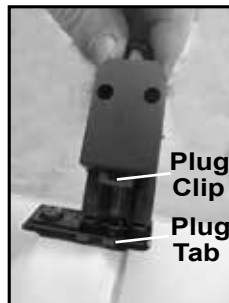
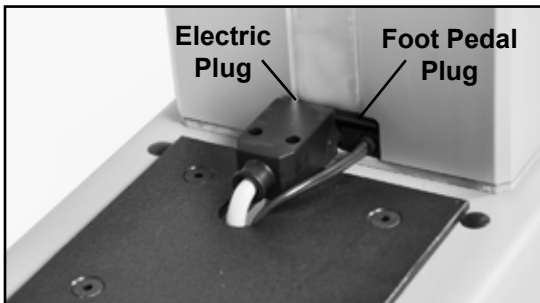
A handwritten signature in cursive script that reads "Thuli".

Rick Thuli, D.C.
President



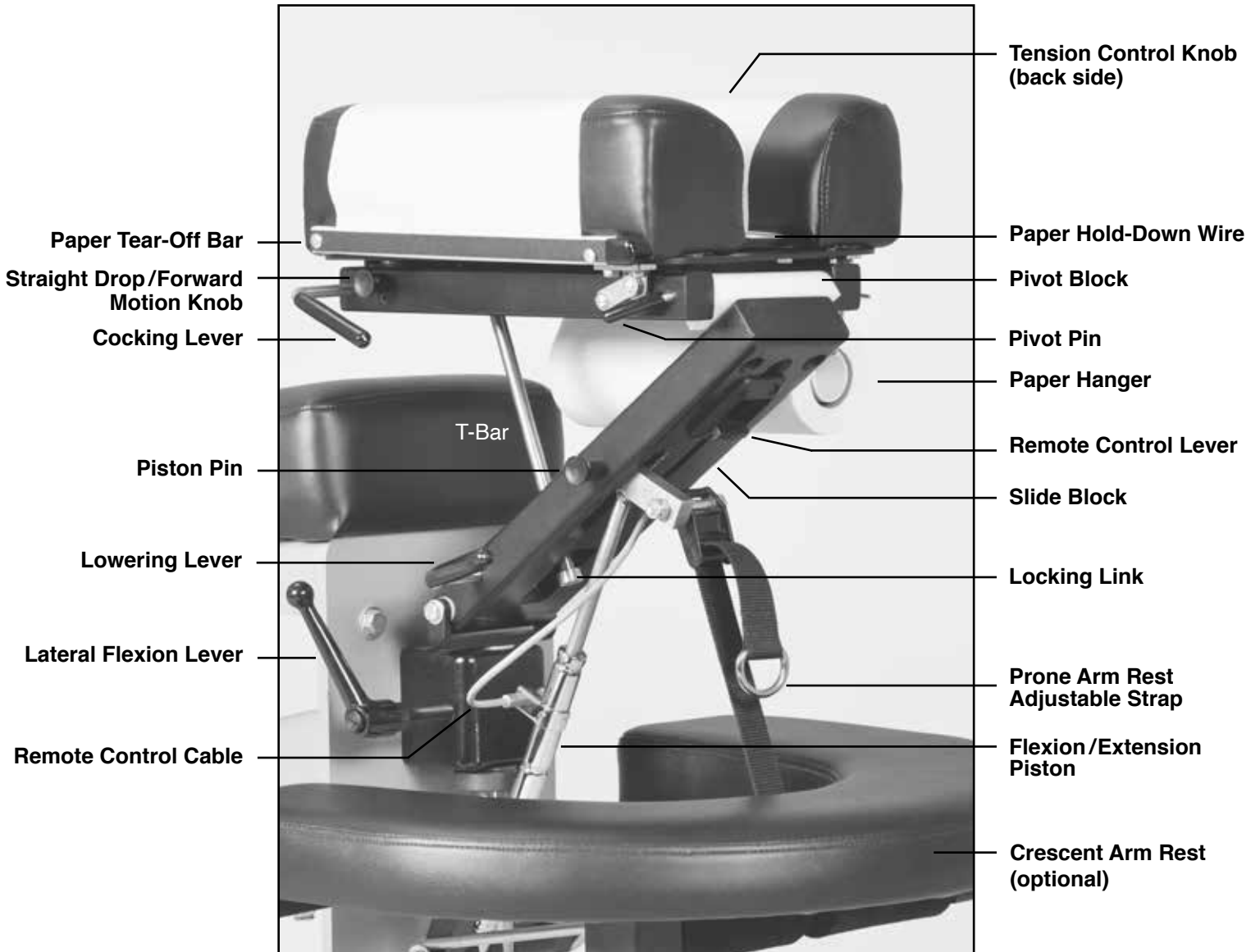
MOTOR INFORMATION

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.



Your table is easy to set up and operate. In order to protect the headpiece and ankle rest extension during shipment, they have been packaged together in a separate box from the table.

HEADPIECE ATTACHMENT



1. For ease, elevate the table before attaching the headpiece.
2. Attach the pre-assembled headpiece to the table using the four bolts, lockwashers and allen wrench provided.

ANKLE REST ATTACHMENT



1. Remove the hitch pins and “O” rings from the ankle rest extension rods.
2. Loosen both ankle rest extension lockouts 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 PAPER



1. Install a standard 8.5” roll of headpiece paper, as shown.
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 excess paper.



4. To advance the headpiece paper, raise the tear-off bar, hold your finger on the paper 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 remote control lever.

LATERAL FLEXION



To flex the headpiece laterally, lift 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



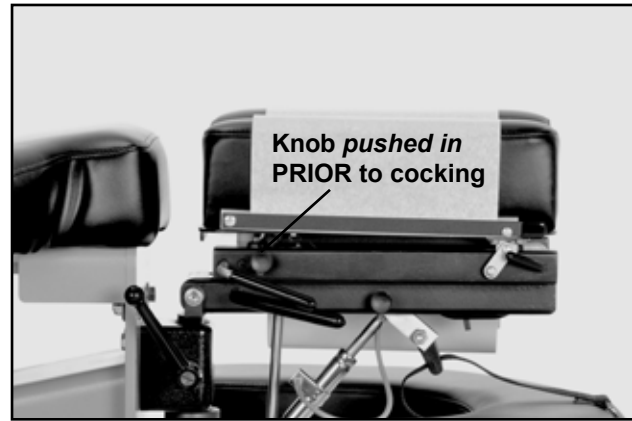
The position of the lateral flexion lever can be changed. With the lateral flexion lever tightened, pull the lever directly outward, rotate to the desired position and release.

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).

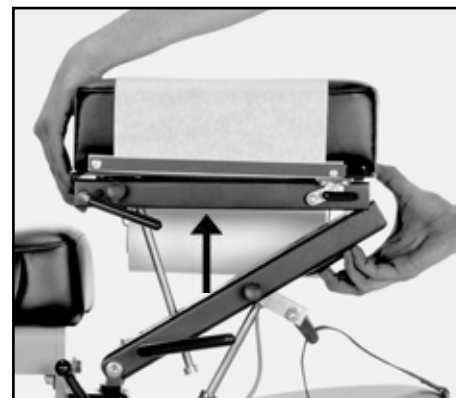
VERTICAL ELEVATION



1. Raise the back end of the headpiece by lifting the red 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 remote control lever.



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

IMPORTANT

Advise your patient of your intention before positioning the headpiece. This is especially important when lowering the back end of the headpiece (step 2). Failure to gently lower the back end of the headpiece may result in its sudden drop, causing alarm to the patient.

VERTICAL LOWERING



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



2. 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.

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.

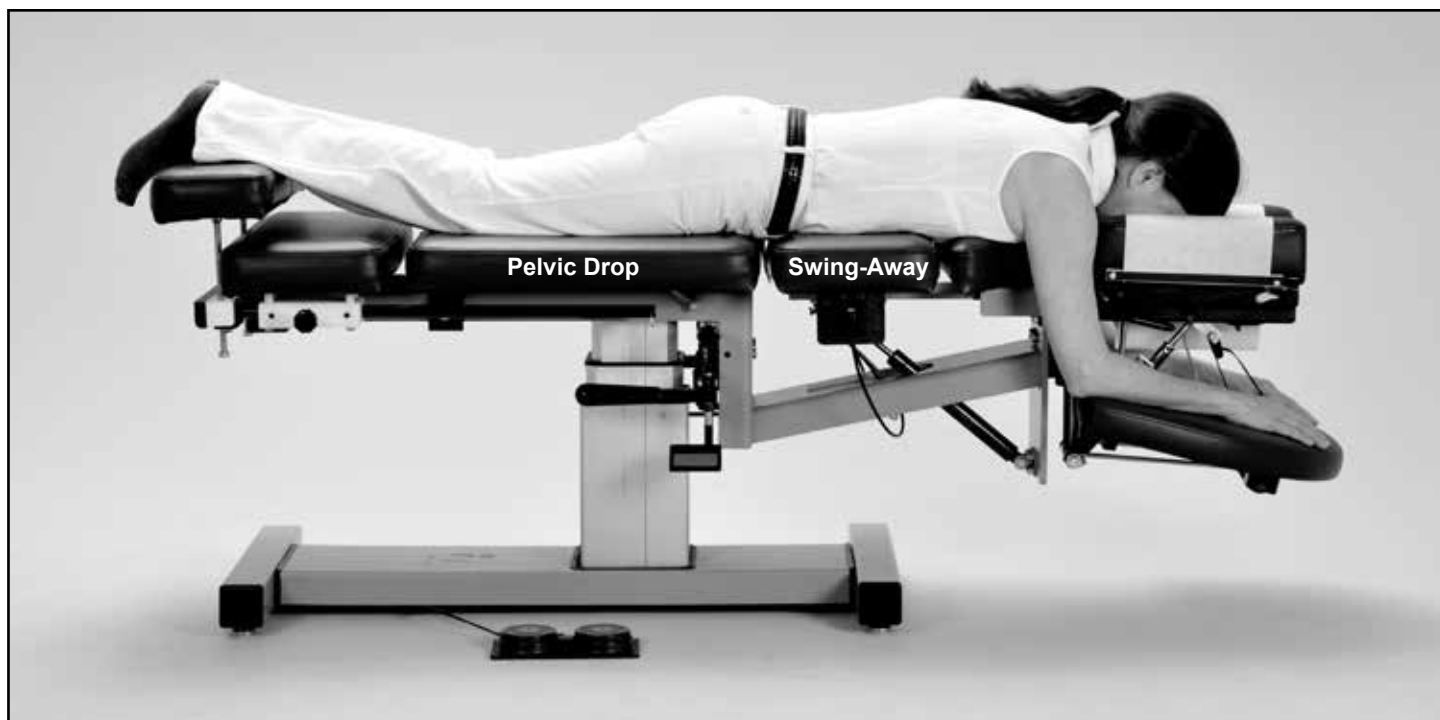
SUPINE POSITION



The headpiece can be positioned to support the cervical spine and head when the patient is in the 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: POSITIONING & TENSION SETTING

Position the patient sufficiently forward with their arms outstretched and wrists resting on the prone arm rest.

Proper prone positioning on the pelvic drop section should have the patient's anterior superior iliac spine (ASIS) at the juncture of the pelvic and abdominal swing-away sections.

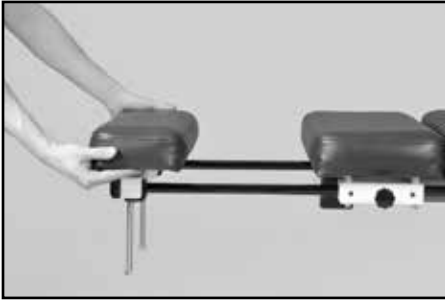
ADVISE YOUR PATIENT BEFORE SETTING THE TENSION

The pelvic drop has adjustable tension and cocks with a downward movement of the fold-away hand lever or foot pedal.

1. With the patient on the table, cock the pelvic section. You must have sufficient tension on the drop mechanism to hold the patient's weight.
2. Loosen the tension by turning the tension control knob counter-clockwise until the section drops.
3. Tighten the tension by turning the tension control knob clockwise 3 - 4 half turns.

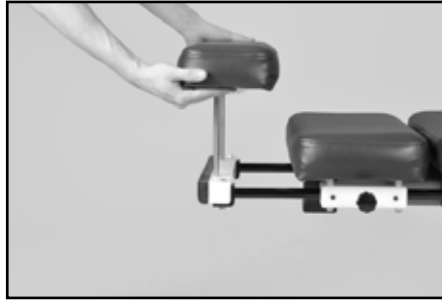
As a general rule, the drop is now set for the patient's weight, which may vary according to the practitioner's preference.

ANKLE REST EXTENSION



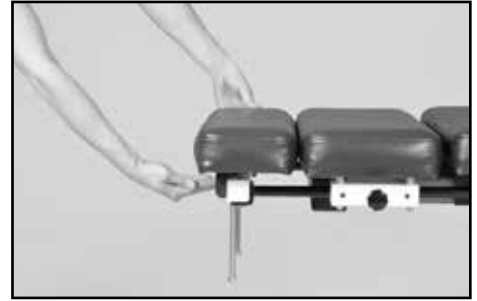
The ankle rest can be extended up to 12" to accommodate taller patients. Shorter patients can drop their feet into the recess created by the extended ankle rest. Locking knobs are provided on both sides of the table.

ANKLE REST ELEVATION



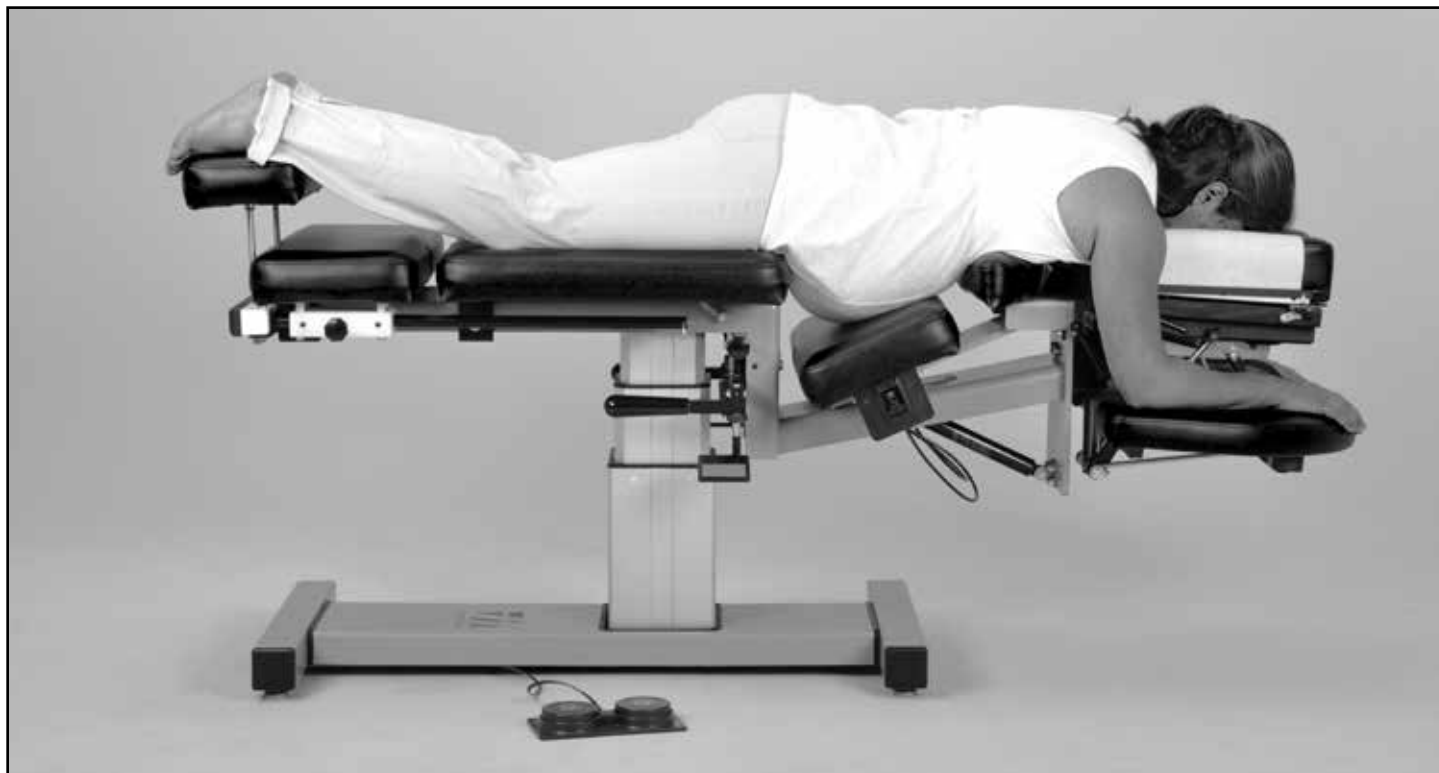
To ELEVATE, simply lift up on the ankle rest.

ANKLE REST LOWERING



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

ABDOMINAL SWING-AWAY



Proper prone positioning on the pelvic drop section should have the patient's anterior superior iliac spine (ASIS) at the juncture of the pelvic and abdominal swing-away sections.



Lower the section completely before your patient lies prone on the table. Squeeze the lever (on either side of the table) and push down on the posterior end of the section. When the patient is on the table, release the section until it naturally comes to a stop against the patient's abdomen.

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. 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.

DROP MECHANISMS: CLEANING & LUBRICATION

Periodic lubrication of the drop mechanisms will ensure smooth, crisp drops. Apply **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.

CERVICAL DROP



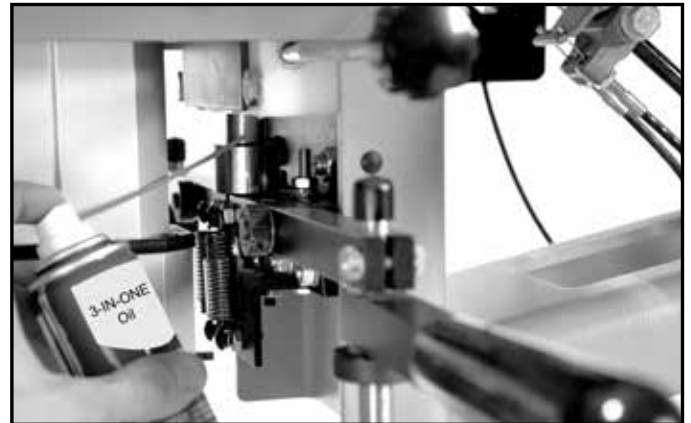
Routine lubrication:

1. Raise the headpiece and cock the drop mechanism.
2. Apply **3-IN-ONE** 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.

PELVIC DROP



Routine lubrication:

1. Lubricate the pelvic drop while in a neutral (un-cocked) position. Locate the steel plunger on the underside of the table. Apply 3-IN-ONE oil onto the plunger.
2. Cock the drop and leave it for a few minutes to allow the lubrication to penetrate the mechanism before using the 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 section several times.
2. It is important to follow the cleaning with **3-IN-ONE oil** for lubrication.

VINYL CLEANING

1. **Mild Cleaning:** Dilute dish soap in warm water (1:10) and clean using 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:** In spray bottle, dilute 4 tsp bleach in 1 quart of water. 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 any 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 elevating 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.

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 be 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.

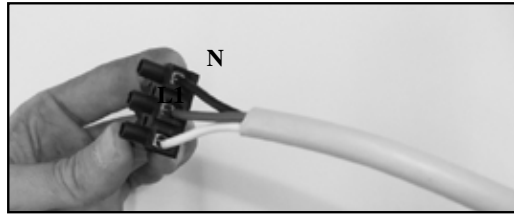
To check, first unplug the motor from the electricity and then follow the steps below.



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 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)

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 and we are proud to offer a limited lifetime warranty against manufacturing defects. This warranty is valid to the original owner and only if the table has not been altered in any way. It does not cover issues caused by normal wear and tear, which naturally and inevitably occur as a result of normal use over time, or damage caused by accidents, improper use and negligence. It also does not cover the headpiece flexion/extension piston and the electric motor (on elevating tables). These two items are covered by a one year warranty against manufacturing defects.

If your table needs repair, whether under warranty or not, please contact us. We will determine what is needed and, at our discretion, send you either a replacement or the necessary part for repairing. 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



Tour Portable



Sport Portable



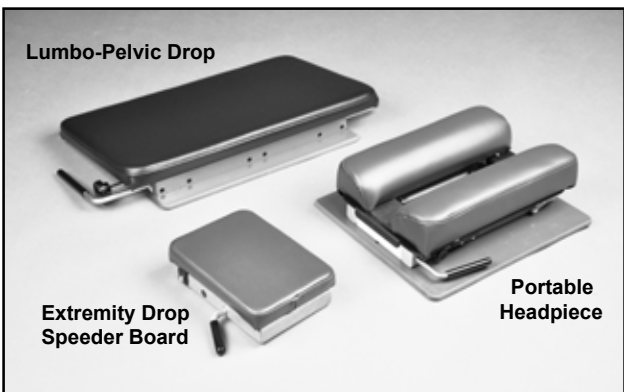
300 Stationary



500 Stationary



Elevation Tables



Lumbo-Pelvic Drop

Extremity Drop
Speeder Board

Portable
Headpiece

Portable Drops



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