



500 Owner's Manual



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Thank you for your purchase of a 500 Stationary 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.

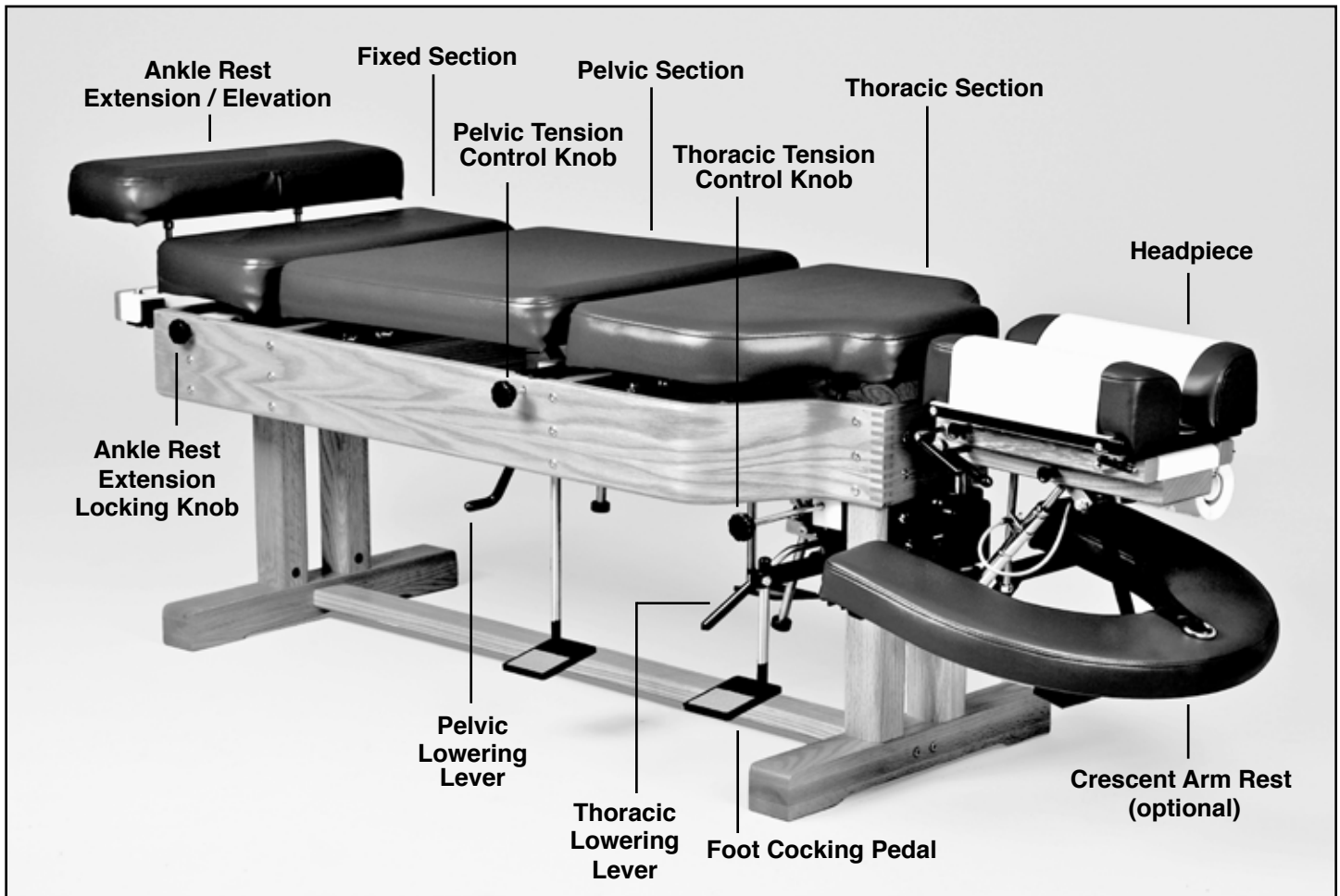
Please take the time to read this manual carefully. It will familiarize you with the table and instruct you on its proper operation and maintenance.

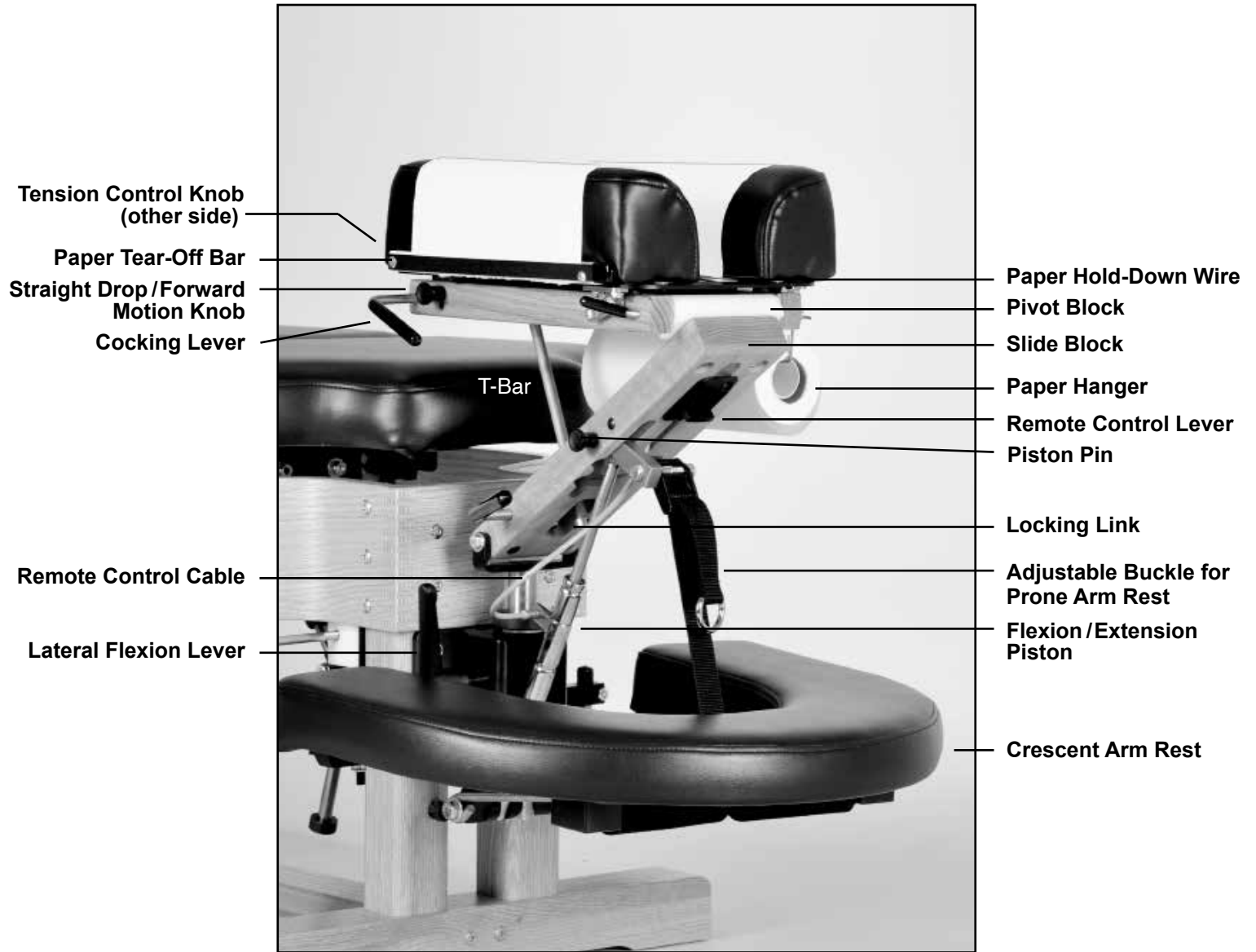
If you have any questions or comments, please contact us.

Sincerely,

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

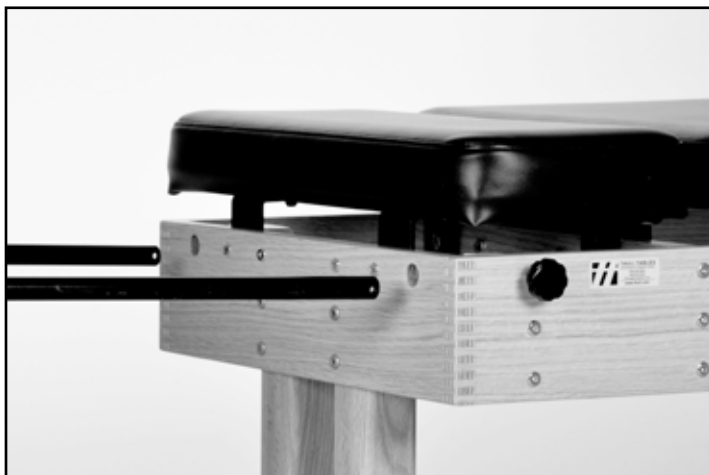
Rick Thuli, D.C.
President





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. A wrench is provided for table assembly, and the accompanying set up instructions will assist you.

ANKLE REST ATTACHMENT



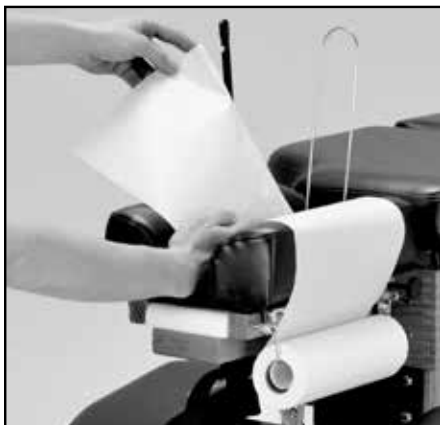
1. Remove the hitch pins and “O” rings from the ankle rest extension rods.
2. Remove tape from the ankle rest extension lockout knobs.
3. Slowly insert the ankle rest extension assembly through the frame, plastic housings and wood crosspiece.
4. Push the ankle rest extension all of the way in and replace the “O” rings and hitch pins.

HEADPIECE ATTACHMENT



Attach the headpiece to the four protruding bolts at the front of the table, using the wrench provided.

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 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



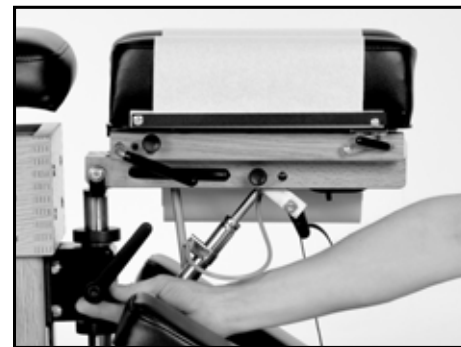
Flex and extend the headpiece by grasping the front end of the headpiece and operating the remote control lever.

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



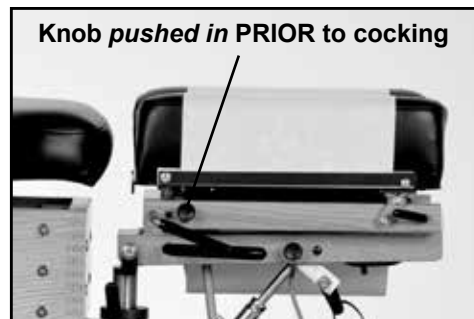
The position of the lateral flexion lever can be changed. With the lateral flexion lever tightened, pull the lever directly outward, rotate to the desired position, and release.

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 counterclockwise (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 black flexion/extension control lever, as in headpiece flexion/extension.



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

VERTICAL LOWERING

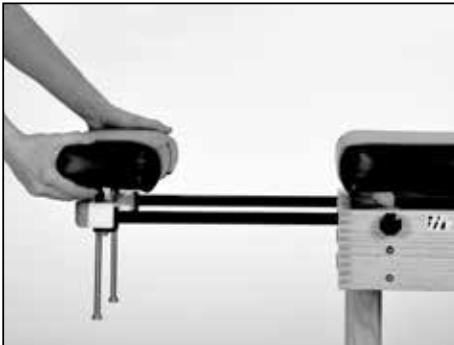


1. Lower the front end of the headpiece by operating the remote control lever.



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 head piece with the other.

ANKLE REST EXTENSION



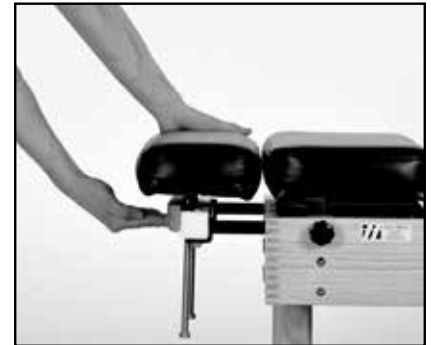
The ankle rest can be extended up to 10" to accommodate taller patients. Shorter patients can drop their feet into the recess created by the extended ankle rest. Locking knobs are provided on both sides of the table.

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.

HEADPIECE CUSHIONS: ADJUSTABLE WIDTH

The headpiece cushions are easily adjustable in width 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



We recommend that the patient be positioned sufficiently forward with their arms outstretched and wrists resting on the prone arm rest. By using the strap, the prone arm rests can be adjusted to the patient's comfort.

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.

THORACIC DROP

When using the thoracic drop, position the patient sufficiently forward with their arms outstretched and wrists resting on the prone arm rest.

PELVIC DROP

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 thoracic sections.

SETTING THE DROP TENSION

The thoracic and pelvic drops cock by stepping down on the foot cocking pedals. **Advise your patient of your intentions before setting the tension.**

1. With the patient on the table, cock the drop 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 section is now set for the patient's weight, which may vary according to the practitioner's preference.

THORACIC SECTION: RAISING



The cephalad end of the thoracic section can be raised to a height of 0"- 9.5" from horizontal, which translates to an angle of 0 - 30 degrees, and is designed to be used with the patient in the **supine position only**.

TO RAISE: Simply lift up on the cephalad end. Ask the patient to assist you by momentarily sitting up and forward while you raise the thoracic section to the desired height/angle.

Uses Include: Anterior Thoracic, Cervical Palpation and Diversified Cervical adjusting (while the practitioner is in a comfortable, upright position).

THORACIC SECTION: LOWERING



IMPORTANT: Before lowering the thoracic from a raised position, advise your patient of your intention. Do not attempt to lower the thoracic section with the patient's weight on the section or without the patient's knowledge, as this could result in a sudden drop of the section causing surprise and/or possible injury to the patient.

TO LOWER:

1. Ask your patient to sit forward on the table removing weight from the thoracic section.
2. Pull back and upward on the thoracic lowering lever.
3. Lower the thoracic section by pushing down on the cephalad end.

PELVIC SECTION: RAISING



The cephalad end of the pelvic section can be raised to a height of 0"-6 1/2" from horizontal, which translates to an included angle of 0-22 degrees and is intended to be used with the patient in the prone position only.

TO RAISE, simply lift up one cephalad end. If your patient is lying prone on the table when you intend to raise the section, ask the patient to assist you by momentarily shifting his/her weight off of the pelvic section (e.g. to his/her chest and knees) while you raise the pelvic section to the desired height/angle.

PELVIC SECTION: LOWERING



Before lowering the pelvic section from a raised position, advise your patient of your intention. Do not attempt to lower the pelvic section with the patient's weight on the section or without the patient's knowledge, as this could result in a sudden drop of the section causing undue alarm and/or possible injury to the patient.

TO LOWER:

1. Ask your patient to shift his/her weight off of the pelvic section.
2. Pull back and upward on the pelvic lowering lever.
3. Lower the pelvic section by pushing down on the cephalad end.

MULTIPLE SECTION POSITIONING



Pregnant woman in prone position

By changing the position of each section, the table can comfortably accommodate various body types.

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. 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.

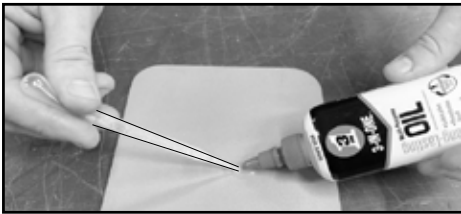
DROP MECHANISMS: CLEANING & LUBRICATION

Periodic lubrication of the drop mechanisms will 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

1. Raise the back of the headpiece and locate the hole in the plastic block
2. **Lubricate with 3-IN-ONE oil:** Apply oil into the hole. Allow a few minutes for the oil to penetrate before using. Lubricate every month or 500 adjustments.
3. **Clean with WD-40:** If the drop has not been lubricated on a regular basis, apply WD-40 into the hole and drop the headpiece several times to clean off dust & debris. It is important to follow the cleaning with **3-IN-ONE** oil for lubrication.



THORACIC & PELVIC DROPS: SYRINGE USE

To access the thoracic and pelvic plungers, 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.



Thoracic Drop

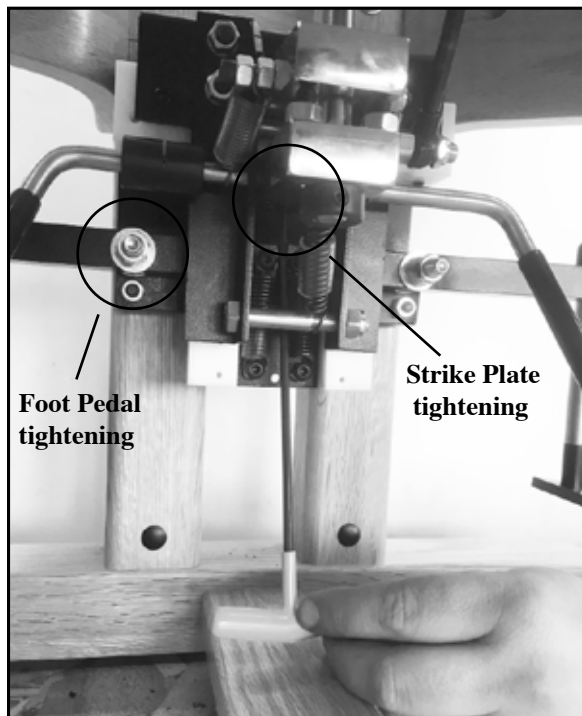


Pelvic Drop

THORACIC & PELVIC DROPS

1. Elevate and cock the thoracic and pelvic drop sections. Locate the lubrication hole on the top of each drop.
2. **Lubricate with 3-IN-ONE oil:** Using the syringe, apply oil into the hole. Note that the hole is not directly over the plunger, so position the syringe at an angle to direct the oil onto the plunger. Allow a few minutes for the oil to penetrate before using. Lubricate every month or 500 adjustments.
3. **Clean with WD-40:** If the drops have not been lubricated on a regular basis, apply WD-40 into the hole. Drop the section several times to clean the plunger of dust & debris. It is important to follow the cleaning with **3-IN-ONE** oil for lubrication.

ROUTINE TIGHTENING



THORACIC & PELVIC STRIKE PLATES

Periodic tightening of the thoracic and pelvic drop mechanism strike plates will assure proper functioning and reduce wear on the cocking arms. It is recommended to do this about once/month. The thoracic strike plate is identified by the middle circle in the photo.

First, cock the drop. Using the long-handled 3/16" allen wrench provided with your table, insert it between the two springs of the drop mechanism and firmly tighten the screw in the strike plate. Do this on both of the thoracic and pelvic strike plates.

FOOT COCKING PEDAL

If the foot cocking pedals loosens over time, tighten the bolt on the cocking arm. This bolt is identified by the circle on the left in the photo. Contact us for instructions if needed.

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 cleaning with a thorough, clear water rinse to minimize premature deterioration of the vinyl extended exposure to chemicals.

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

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



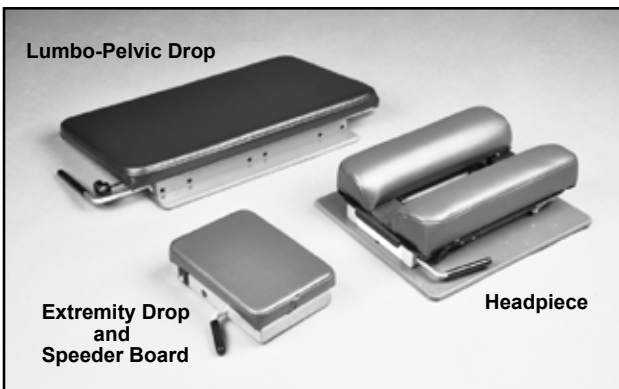
300 Stationary



500 Stationary



Elevation Tables



Lumbo-Pelvic Drop

**Extremity Drop
and
Speeder Board**

Headpiece

Portable Drops



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