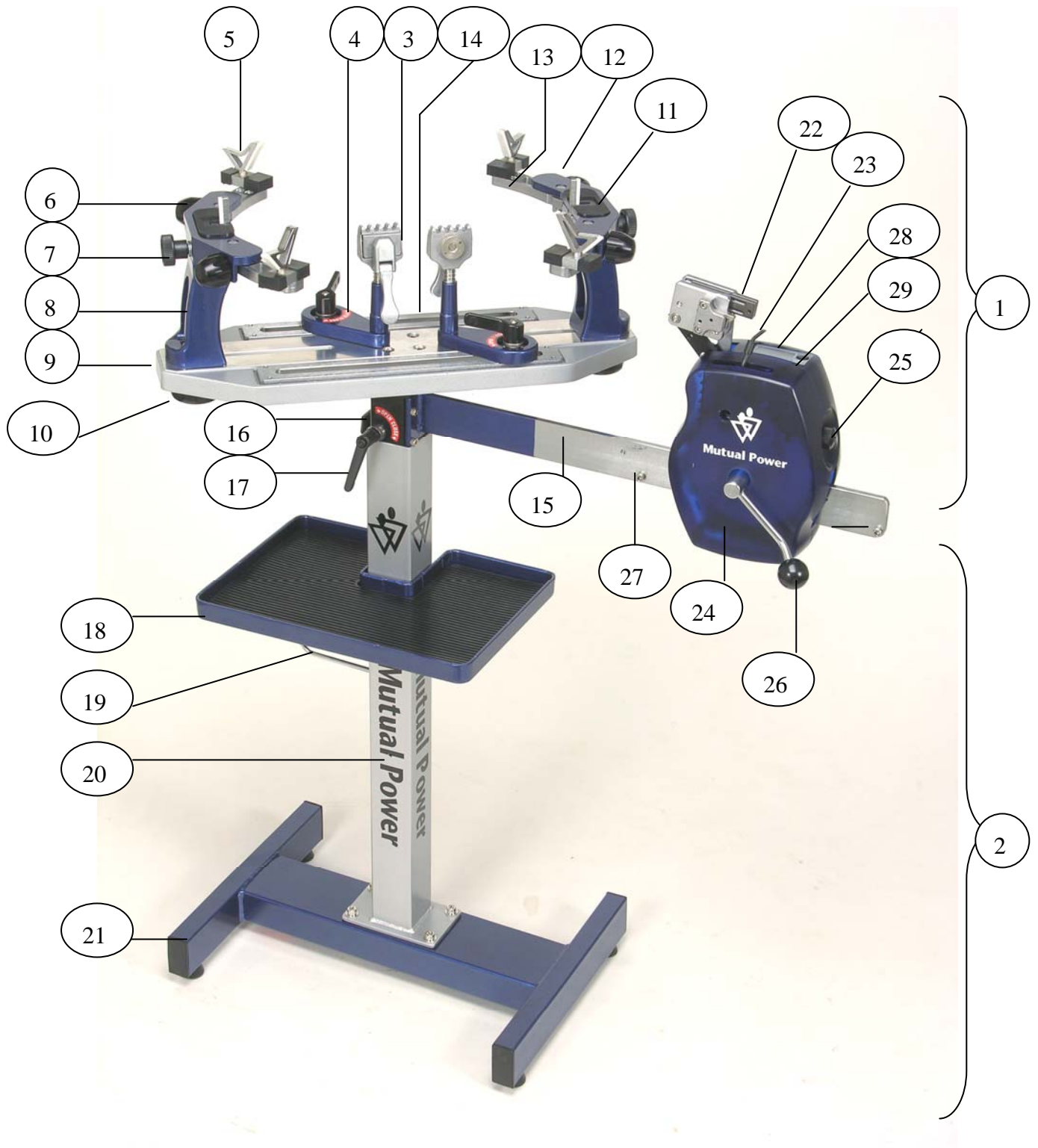


TITAN 7600
STRINGING MACHINE
USER'S MANUAL



ANATOMY

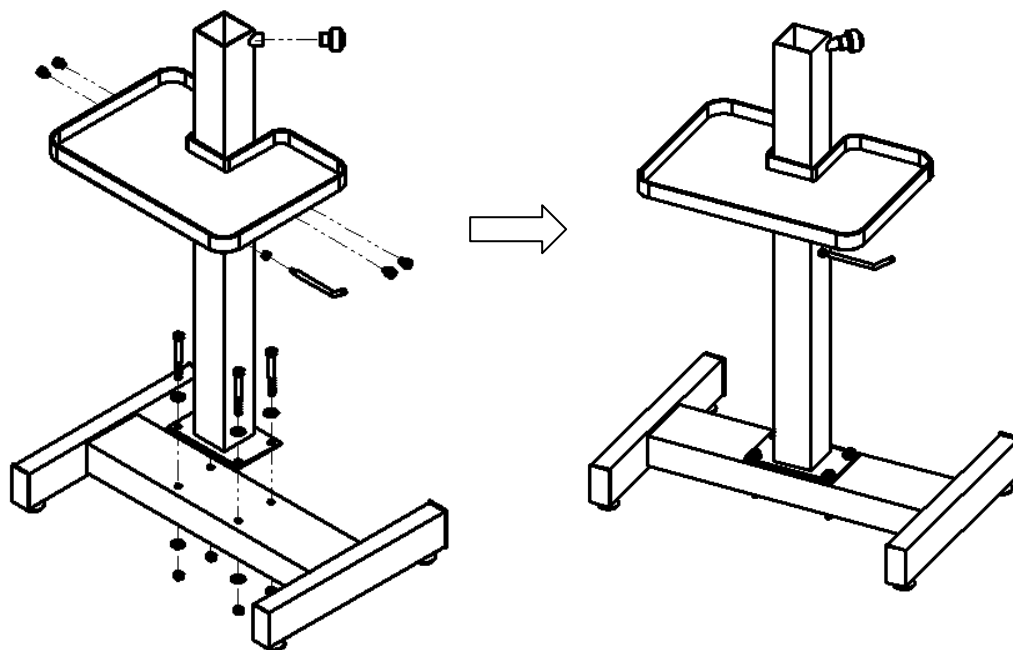


1. Machine Body along Tension-Head Assembly
2. Floor Stand
3. Swivel Clamp
4. Swivel Clamp Holder
5. K-Shaped Side Support
6. Side Support Arm Adjustment Knob
7. Center Support Adjustment Knob
8. Mounting Stock
9. Turntable
10. Mounting Stock Locking Knob
11. Rubber Cover
12. Shoulder of Mounting Stock
13. Side Support Arm
14. Turntable Rail
15. Tension Head Rail
16. Height Adjustment Knob
17. Brake
18. Tool Tray
19. Reel Holder
20. Column
21. Base/Foot
22. String Gripper
23. Tension Locking Lever
24. Tension Head Cover/Housing
25. Tension Setting Knob
26. Tension Head Handle/Crank
27. Stopper
28. Display
29. Power Button

ASSEMBLY

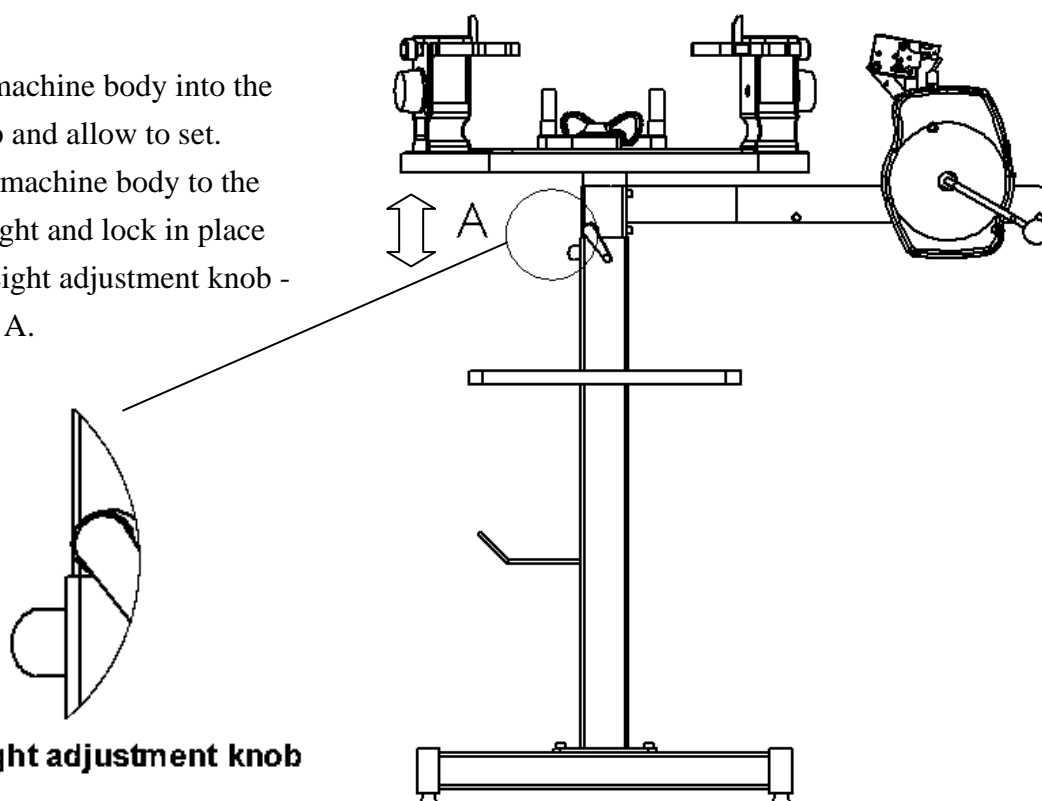
Step 1 :

Secure column to foot using 4 long bolts, washers and nuts by a 6 mm and a 12 mm wrenches. Mount the tool tray on the column with 4 small bolts by a 10 mm wrench. Screw the string reel holder into the column. Screw the height adjustment knob onto the column but not too deep.



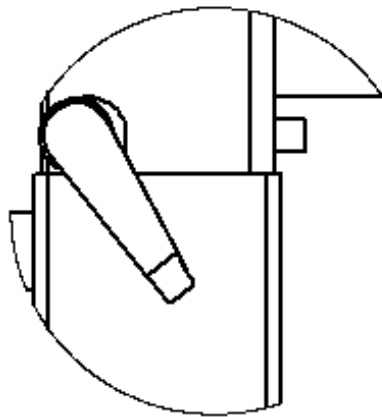
Step 2 :

Insert the machine body into the column top and allow to set. Adjust the machine body to the desired height and lock in place with the height adjustment knob - illustration A.

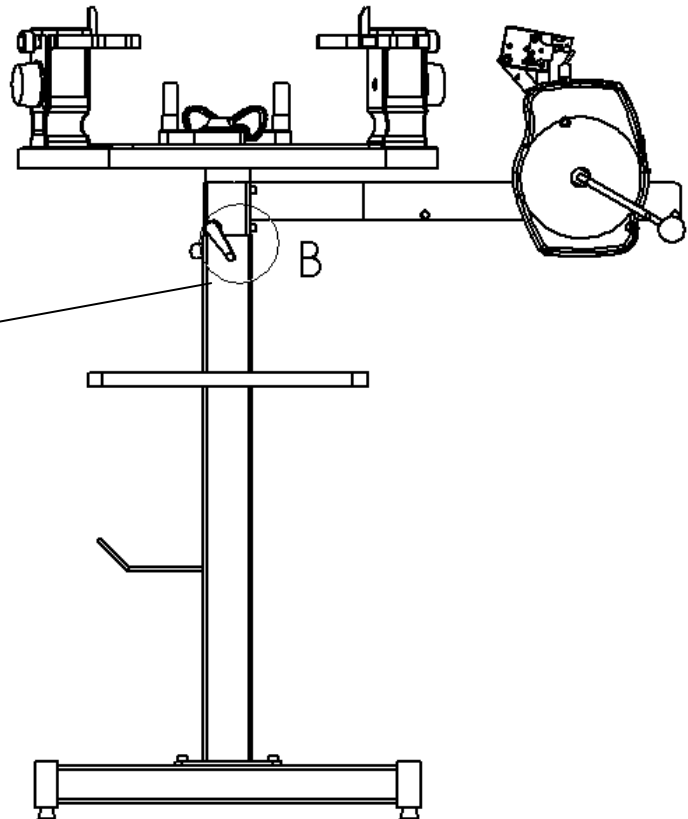


Step 3 :

Unlock the turntable by loosening the brake – illustration B.

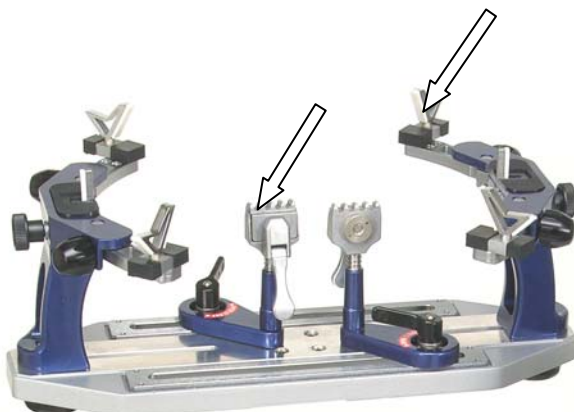


B : brake



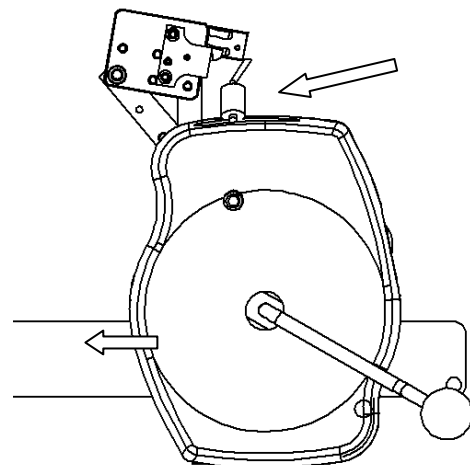
Step 4 :

Insert two string clamps into the string clamp bases and four side supports in the holes of the side support arms.

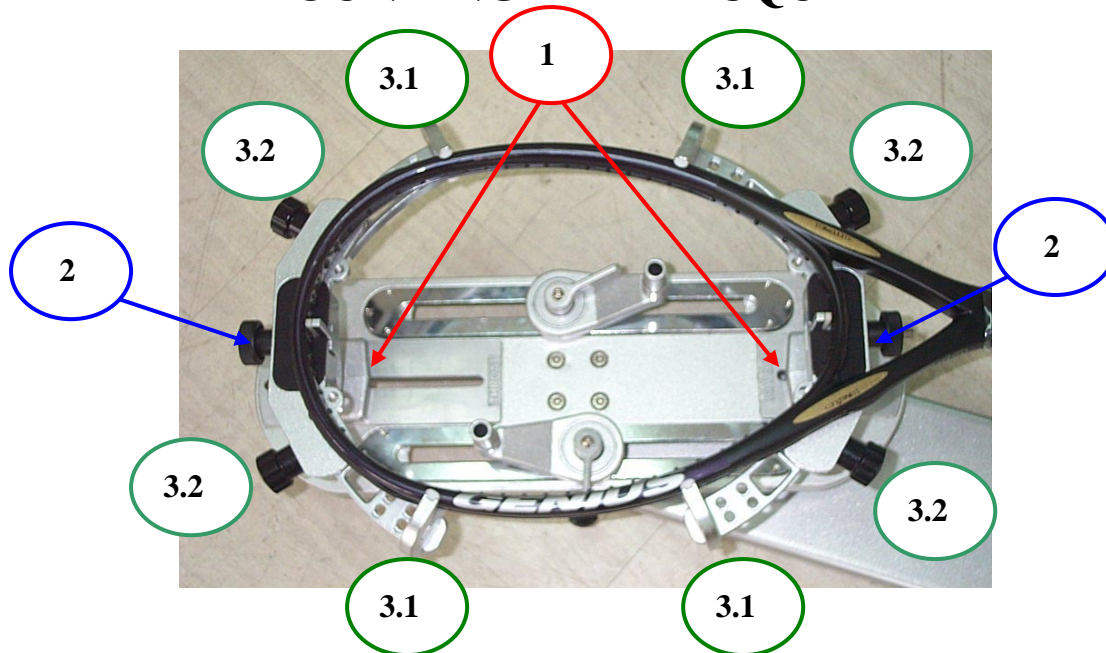


Step 5 :

Unlock the tension head by pushing the tension head by pushing the tension head locking lever back into catch. Rotate the crank/handle counter-clockwise to slide the tension head to get closed to the racquet mount.



MOUNTING THE RACQUET FRAME



1. Loosen both mounting stocks by turning the mounting stock knobs counterclockwise. Place the racquet properly on both mounting stocks. Adjust the distance between the mounting stocks to accommodate the size of the racquet frame. Turn both mounting stock knobs clockwise to lock both mounting stocks in place. Do not apply excessive force or over tighten the mounting stock knobs; this will damage the parts. Check that the two swivel clamps can reach all the stringing area of the racquet frame.
2. Lightly tighten center supports by turning the knobs on the outside of the center support clockwise.
- 3.1. The side supports are adjustable to provide support to the racquet frame. Open side support arms by turning four side support arm adjustment knobs counterclockwise. Insert the four side supports onto the proper holes of the side support arms.
- 3.2. Rotate the side support arm adjustment knobs clockwise until the firm contact is made between the side supports and the racquet frame.
If the side supports can't contact the frame squarely when the arms are closed against the racquet, please insert the side supports onto the other holes of the side support arms.

Apply a final adjustment to all racquet support points until the racquet is firmly secured in the mounting system.

KEYPAD OPERATING INSTRUCTIONS

Step 1 : Battery Setting

Set one dry battery (9 volts) beneath the tension head.

Caution : position + and – correctly.



Step 2 : Power Button

To turn the machine on, press the black POWER-KG/LB button for 1 second until a tension appears on the display.

NOTE the power save function has been set for 1 minute at factory before shipping so the display will shut down automatically after 1 minute. To motivate the display, repeat the procedure step 2 again.



To turn power off, press the black POWER-KG/LB button for 2 seconds until OFF appears on the display.
Or wait for 1 minute till the power save function is motivated and display will shut down automatically as well.



Step 3 : KG/LB Button

Press the black POWER-KG/LB button for 0.5 second to change tension display from KG to LB. To set tension unit from LB to KG, press the black POWER-KG/LB button for 0.5 second again.



TENSIONING

Step 1 : Setting Tension

Set the tension by rotating the tension setting knob counter-clockwise to increase the tension or clockwise to decrease the tension until the desired tension appears on the display.



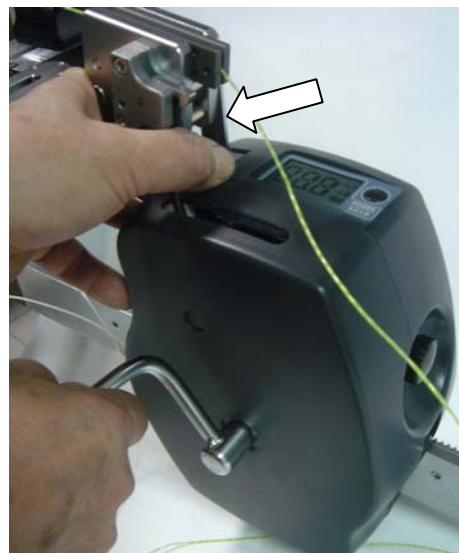
Step 2 : Pulling the Strings

To pull the string, continue rotating the tension head crank/handle backward until the tension locking lever clicks out. This locks the tension head to the tension rail.



Step 3 : Releasing the Strings

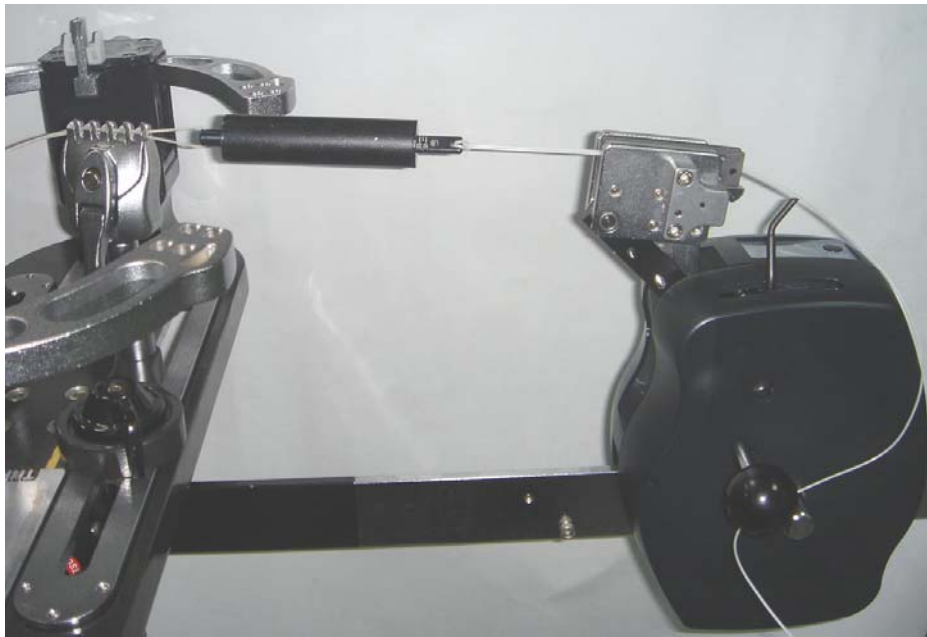
To release the string after clamping, hold on to tension head and push tension locking lever back up into the catch on the tension head. Lift the string out of the string gripper for the next hole.



TENSION CALIBRATION

Step 1 :

Set the tension scale on 60 lbs. Place a string attached to a tension calibrator in string gripper. Tension calibrator will indicate the pounds of tension on tension head under actual stringing conditions. Pull string until the locking lever releases. If it releases before 60 lbs or after 60 lbs., the following adjustment is needed. **CAUTION:** Be sure to release string holding tension calibrator. You are now ready for adjustment.



Step 2 :

Loosen the safety screw A. If the locking lever release before 60 lbs., turn the adjustment screw B counterclockwise until the scale reading matches the calibrator's; if the locking lever release after 60 lbs., turn the adjustment screw B clockwise.

WARNING: Be sure to tighten the safety screw A after the adjustment has been made.



APPENDIX A

Adjust String Clamp to the Correct Holding Pressure

1. If gripper of the string clamp is over tension, turn the round adjustment of the string clamp counterclockwise to the correct tension by needle nose pliers or fingers adjusting directly.
2. If gripper of the string clamp doesn't hold string well, turn the round adjustment of the string clamp clockwise to the correct tension by needle nose pliers or fingers adjusting directly.

Needle Nose Pliers Adjustment



Fingers Adjustment



APPENDIX B

Adjust the Base of the Swivel Clamp to the Correct Holding Pressure

1. Lift up the base handle and turn it counterclockwise.
Lower the handle and turn it clockwise.
Repeat the process until the base is locked in place.
2. The handle position could be at any desired position.
To adjust it, lift up the base handle, turn it to the desired position,
then lower the handle.

