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## **TABLE LOOM INSTRUCTIONS:**

*Regular / Pique Convertible / Triple Beam Pique / Transportable Floor Loom*  
**Please read completely and carefully !**

Your loom has been assembled prior to shipment, but package size limitations prevent shipping non-folding looms fully assembled. Folding looms are shipped fully assembled in the folded position. Included with the loom are heddles, a stainless steel reed, lease sticks and attached apron rods

### **SET UP CHECKLIST**

1. Unpack loom and accessories
2. Read all instructions
3. Unfold or assemble loom
4. Install heddles
5. Warp loom
6. Connect hand lever cords
7. Weave!

**ASSEMBLY (Non-folding Table Looms)** Match numbered or lettered parts, place washer on thumbscrew and insert through side rails into loom frames. Leave thumbscrews loose until all parts are in place. Turn each thumbscrew in turn so that all they gradually tighten equally. Mount beater last by inserting quick-release pins through side rails.

### **FOLDING LOOM INSTRUCTIONS**

Included are some hand sketches of the loom in weaving and folded positions (page 2).  
If you have ANY questions, please give us a call.

### **SET-UP FOR WEAVING (Unfolding)**

1. Loosen (1-2 turns) thumbscrews at corners of loom. Remove 4 thumbscrews holding castle to side rails.
2. Loosen warp just a bit and stand the castle and beater upright.
4. Tighten warp until excess is taken up on warp roller but not under tension.
5. Line up holes in castle side with holes in side rail by lifting castle just slightly. Insert thumbscrews & washers. Repeat on other side.
6. Line up beater leg with beater hole in side rail. Insert quick-release pin. Repeat other side.
7. Insert quick release pins in castle sides. Tighten all thumbscrews around loom.
8. Tighten warp again as needed. You are ready to weave ... Happy Weaving!

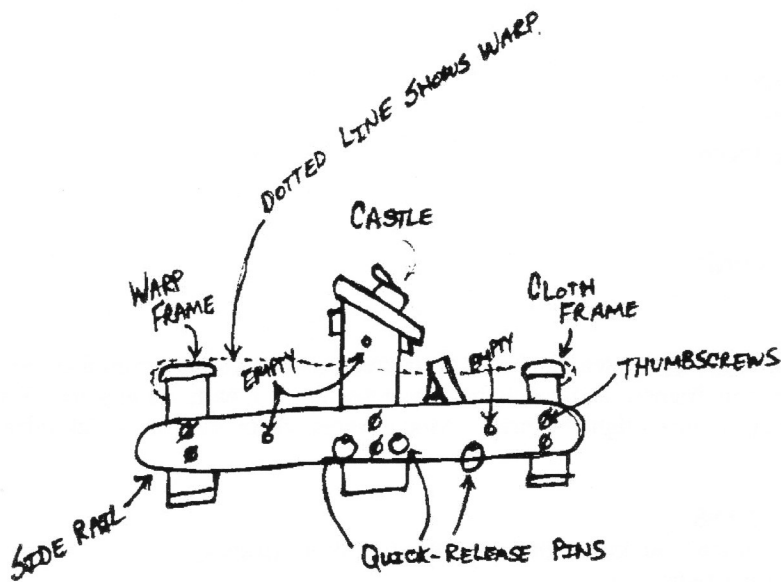
### **FOLDING UP LOOM**

1. Loosen warp. Loosen (1-2 turns) thumbscrews at corners of loom. Do not remove them.
2. Remove quick-release pins from beater and castle sides. Stand up beater at front of castle. Put pins in a small plastic bag so they don't get lost.
3. Remove thumbscrews & washers from castle sides.

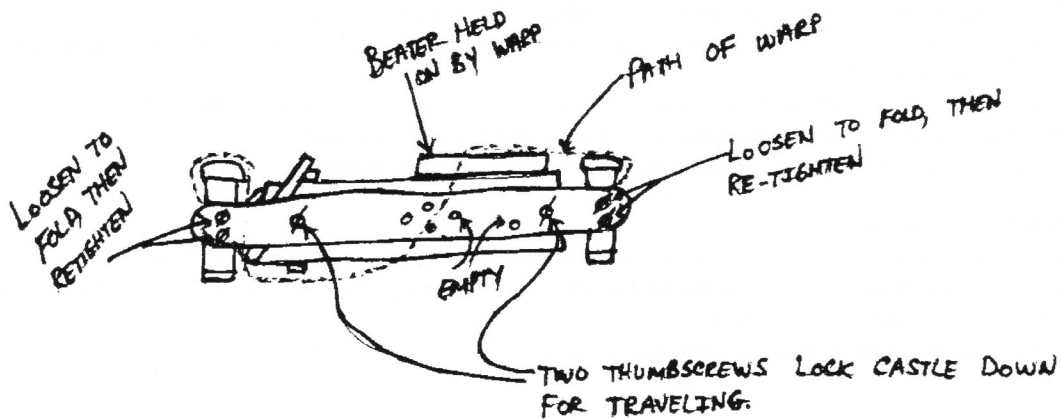
4. Tip castle and beater toward back. Slide forward as you go. Lay these all the way back and nestled down in between side rails. Loosen warp more if needed.
5. Lift castle a little. Line up rear-most fold-holes. You are looking for the hole in the center of the castle side which was near the top when the castle was upright. (See sketch). Insert a thumbscrew & washer. Do not tighten. Just get it started. Repeat for other side.
6. Now find front-most fold holes...On side rails, these holes are in front of beater holes and a little higher up. Lift castle up or down until you find the hole, then insert thumbscrew & washer. Do not tighten, just get screw started. Repeat for other side.
7. Once all screws started, go ahead and tighten everything. Tighten warp. This will lock beater and harnesses in place. You may have to slide harnesses up a little to get warp to tighten up, but warp will retain harnesses and beater. If warp is not on loom, just tie on beater to loom with shoelace or scrap yarn.

You are now ready to be "on the go" with your Mountain Loom!

#### LOOM SET UP FOR WEAVING



#### LOOM FOLDED FOR TRAVEL



## GENERAL INFORMATION

**Apron rods** are attached with cords threaded through the rollers.

**Warp roller capacity** is 6-10 yards.

**Pique Convertible looms:** The single roller warp frames and the double roller (pique) frames are interchangeable and have identical symbols. The warp threads go between the two steel rods. When winding the warp onto the rollers use the lower roller first.

**Beater & Reed:** Swing the beater up, remove the wing nuts and slip off the beater frame bottom. Insert the reed and replace the beater frame bottom and wing nuts.

**Harnesses:** To remove the harnesses, unscrew the acorn nuts and lift off the castle top (board with hand levers). Harness sides are tight on one side and loose on the other side. Take only the loose harness side off the heddle bars.

\* \* *NOTE for 4 HARNESS LOOMS* To remove the harnesses from the castle: 1) Unscrew the two knurled knobs on the back left side of the castle. 2) Remove the harness keeper (thin wooden slat). 3) Now you can lift out the harnesses.

**Heddles** To add or remove heddles, see *Texsolv Heddle Instructions (page 4)*.

**Hand Levers:** The hand levers (lifting levers) on the castle top point toward the rear of the loom when the harnesses are down. To raise a harness, pull the hand lever forward until it touches the front edge of the castle top. Hand levers are numbered from right to left; harnesses are numbered from front to back. One hand lever operates one harness.

**Hand Lever Cord Attachment:** Cords have been threaded through hand levers and eyelet guides ready for you to secure to heddle bars. The purpose of the eyelet guides is to prevent the cords from rubbing against the wooden parts of the loom, which would cause friction and wear. The cords should not be "fiddle string tight", but adjusted to give maximum shed without making the hand levers hard to operate, (see *Hand Lever Cord Adjustments, page 5*) This cannot be done until after the loom is warped. The **Texsolv loom cord** is made of polyester silk, machine crocheted to form a series of "button holes". Pegs are used to secure the cord around the heddle bars. (See *diagram, page 5*) The connection point/hole can be marked with a permanent ink marker to make re-attachment to the same hole easier. The hand lever cords should be centered on heddle bar.

**Multiple Tie-Up Hand Levers (18", 22", 28" / 8 & 12 harness only):** The two center hand levers are reserved for multiple harness tie-up and have thinner, low friction cords. Plain weave tie-up is the most popular use of these. Use one hand lever for the odd number harnesses and the other hand lever for the even numbers.

**Routing & Attachment of Multiple Tie Up Cords** See *Multiple Tie-Up Instructions (page 6)*

**Loom Care** Your loom is made of Maple hardwood and has been lightly treated with boiled linseed oil. It may be re-oiled to further improve luster or repair surface damage at any time. Oil should be applied at room temperature. Surplus oil must be wiped off with a soft cloth within a few minutes to prevent formation of a sticky, unattractive film. Polish with a soft, dry cloth.

## TEXSOLV HEDDLE INSTRUCTIONS

The heddles are made of polyester silk, machine crocheted into smooth, supple, knot free lengths which are fine and strong. The rectangular eye is very easy to thread. Heddles are uncut, tied bundles of 100.

- To install, slip tied bundle onto heddle bars (separate at twist ties, Figure 1), remove twist ties and distribute. If using less than 100 heddles count out quantity to remain on harness.
- Cut apart the two groups of heddles. Retie extra heddles into bundle and slide off heddle bars.
- Slip partial bundle of heddles onto next harness/ heddle bars.
- Repeat with remaining heddle bundles, until all harnesses have heddles.
- Cut into individual heddles at this time.
- To remove heddles, retie into bundle, slide bundle off heddle bars.
- To thread heddles, fold warp end, push with finger then pull through (Figure 2.) Hooks are not required for threading.

Figure 1

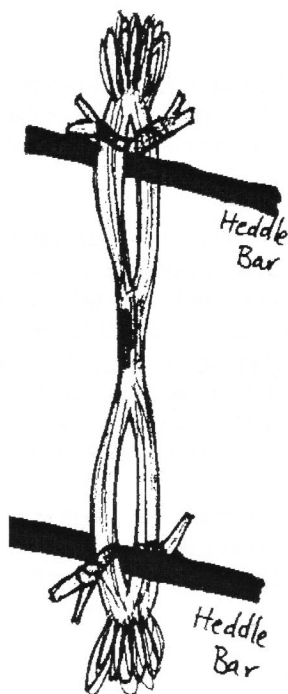


Figure 2

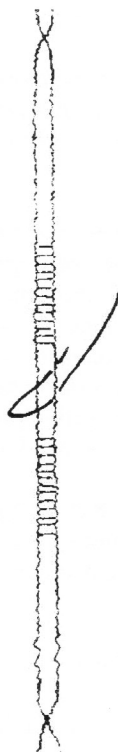
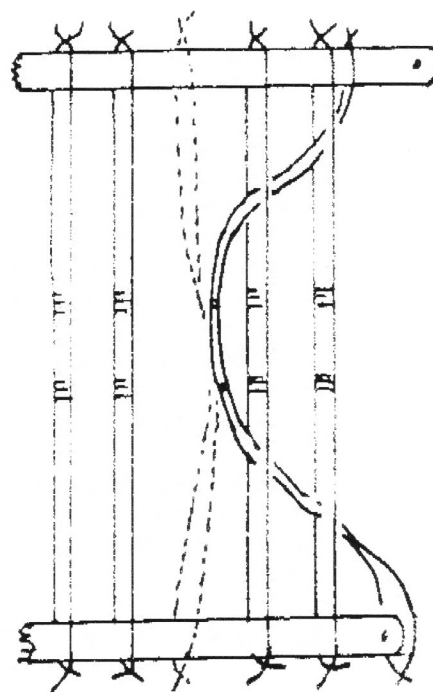


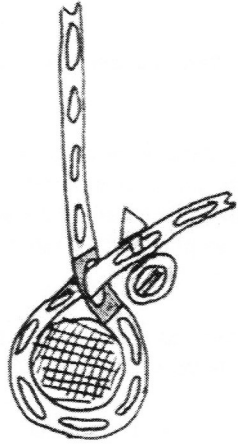
Figure 3



Insertion of extra heddle in threading sequence if mistake has been made (Figure 3.)

1. Put new heddle(s) on upper heddle bar.
2. Thread through heddles above eyes to correct point.
3. Slide entire heddle to correct point.
4. Thread back through heddles below eyes.
5. Slip onto lower heddle bar; slide to correction point and re-adjust.

**CORRECT ATTACHMENT  
OF HAND LEVER CORD  
TO HEDDLE BARS:**



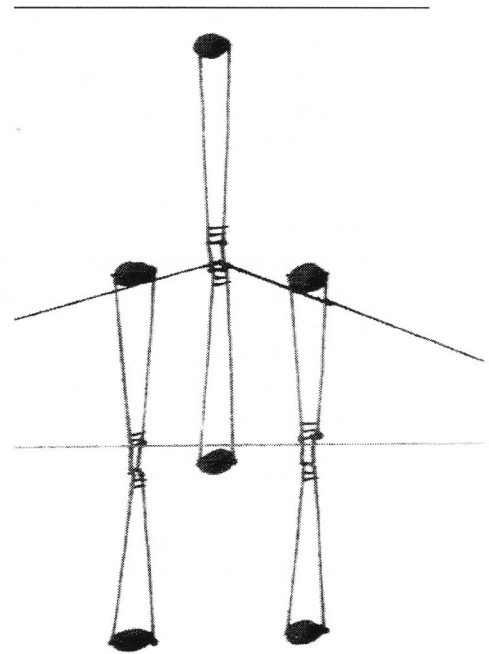
**LEASE STICK:**



**HAND LEVER CORD ADJUSTMENT**

The correct position of the thread when the harness is raised:

When a harness is raised, the threads are just below the upper heddle bar of the adjacent harnesses. This will give you the maximum shed possible. (Diagram Not to Scale)



## MULTIPLE TIE UP INSTRUCTIONS

**NOTE:** *It is necessary to make sure your hand lever cord attachment is correct before attempting to utilize the multiple tie-ups. We suggest weaving 1 or 2 projects first.*

Tie-up illustrated is for plain weave tabby. Right multiple tie-up hand lever cords are connected to odd number harnesses; left multiple tie-up hand lever cords are connected to even number harnesses. This example is only one of many possible routes for multiple tie-ups. The tabby for other weave structures may be very different. Once the tie-ups are completed most weavers leave it as plain weave tabby.

### **Refer to Photo Page:**

Remove castle top from table loom. Place it upside down on a table as shown in the photos.

Photo #1 shows the placement of the eyelets. (Older looms may have a slightly different placement.)

Photo #2 shows the hand lever cords.

Photo #3 shows the multiple tie-up cords from the left eyelet routed for the odd number harnesses.

Photo #4 shows the multiple tie-up cords from the right eyelet routed for the even number harnesses.

### **Multiple tie-up cord routing directions:**

#### **Odds (refer to photo #3)**

#1 = Goes under hand lever cords and through eyelet in *same* direction as hand lever cord.

#3 = Goes under hand lever cords and through eyelet in *same* direction as hand lever cord.

#5 = Goes through eyelet in *opposite* direction as hand lever cord.

#7 = Goes through eyelet in *opposite* direction as hand lever cord.

#### **Evens (refer to photo #4)**

#2 = Goes through eyelet in *opposite* direction as hand lever cord.

#4 = Goes through eyelet in *opposite* direction as hand lever cord.

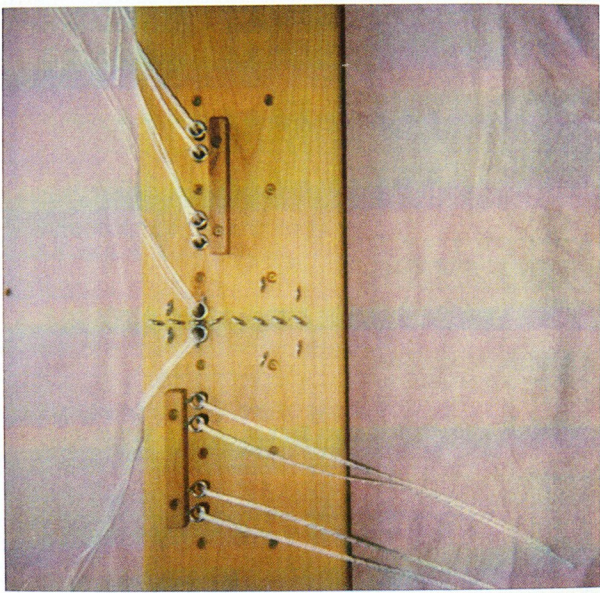
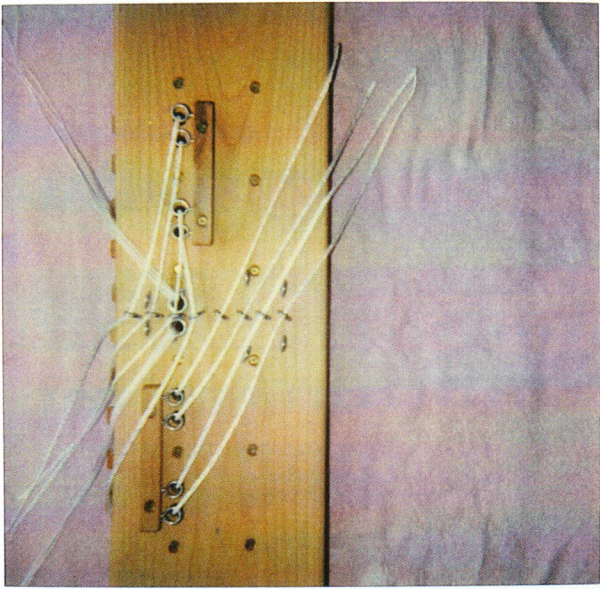
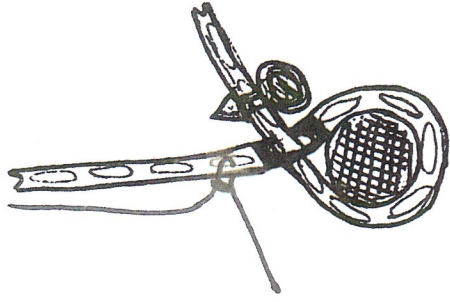
#6 = Goes through eyelet in *same* direction as hand lever cord.

#8 = Goes under hand lever cord and through eyelet in *same* direction as hand lever cord.

#### **Attaching to Harnesses:**

1. Install castle top on table loom. Try to keep cords from twisting around each other!
2. Reconnect hand lever cords to heddle bars.
3. Select multiple tie-up cord for harness #1. Make sure it isn't twisted around any other cords – this is very important!
4. Pull down #1 hand lever and “Odd” multiple tie-up hand lever.
5. Thread #1 multiple tie-up cord through hole in hand lever cord just above peg connection point. (See diagram below.)
6. Tie a double knot.
7. Test cord length by raising and lowering harness using multiple tie-up hand lever.
8. Adjust cord length as necessary.
  
9. Continue making connections with remainder of “Odd” multiple tie-up cords. Then repeat with “Even” cords.
10. Weave a complete project to test cord lengths. Trim off cord ends only after you are certain the connections are correct.

Attachment of multiple tie-up  
cords onto hand lever cords.



#1 Explet Placement

#2 Hand Lever Cords

