

Leclerc Looms

Since 1876

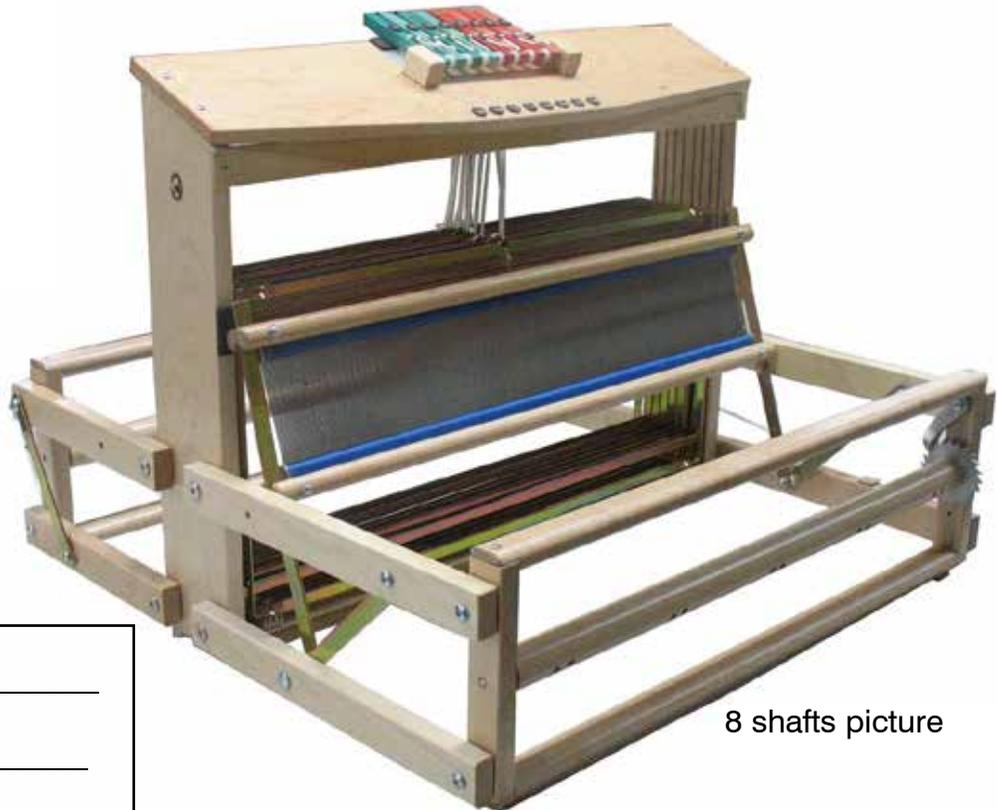


Métiers Leclerc

Depuis 1876



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Loom Prepared by: _____

Inspected by: _____

Date: _____

Voyageur 24"

2124-0424 4s

2124-0824 8s

2124-1224 12s

2124-1624 16s

The Loom shipping container includes the following (2 boxes):

- 1) Loom with back and front beam (A) Box #1
- 2) 12 Dent Stainless Steel Reed (B)
- 3) 600 Inserted Eye Heddles.
- 4) 2 Crank handles (long)
- 5) 1 Leclerc Boat Shuttle 6122-0000 (Slim)
- 6) 1 Leclerc Reed and Heddle Hook 6141-7000 / for 12s and 16s only Hook 6140-9000
- 7) 2 Metal Lease Sticks
- 8) 2 Metal Warp Rods
- 9) 10x, 18" (46 cm) loop cords for lashing
- 10) Screwdriver Multi
- 11) 2 transfer heddle bars.
- 12) The book "Warp and Weave" by Robert Leclerc
- 13) Shaft frames with the middle top heddle support hook and the loop cord.(C)
- 14) Heddle supports (D)
- 15) Friction brake wing nut

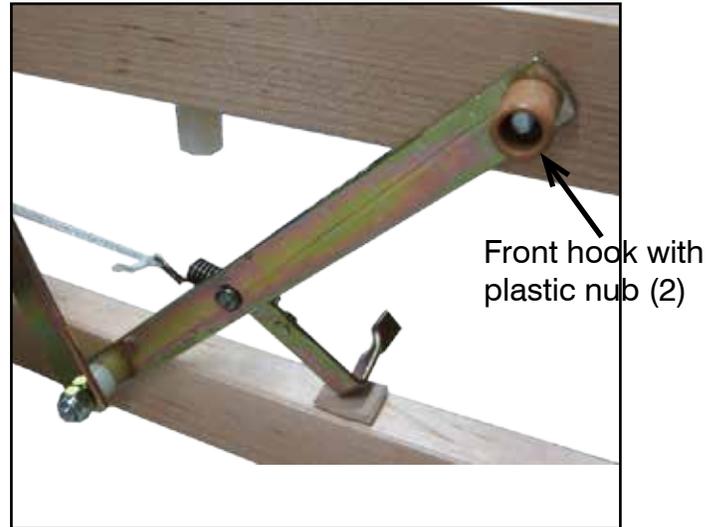
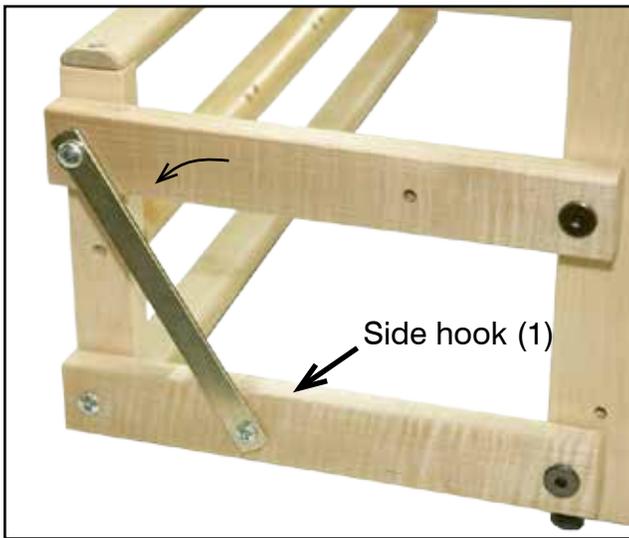
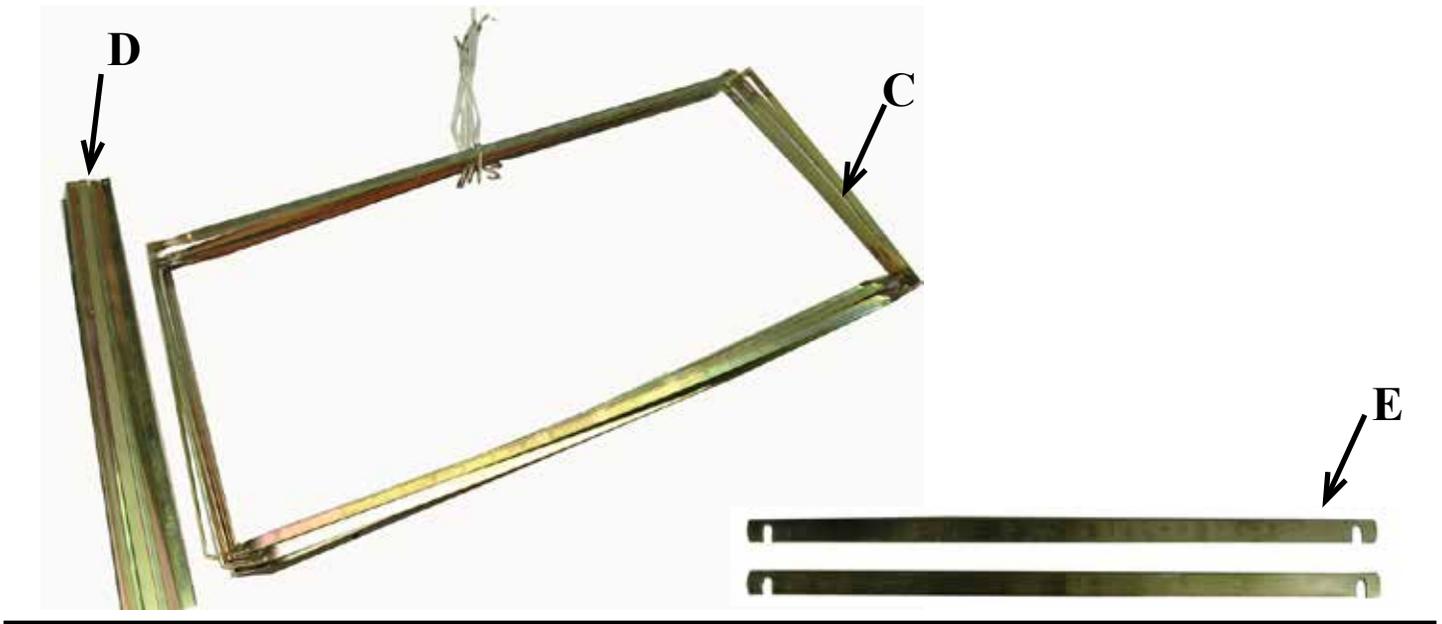
**LECLERC NOTE IN French:
les manivelles longues .**



A



B



Re-position the 2 back hooks (1) to the back post post and tighten using the supplied screwdriver.
 Affix the 2 front hooks (2) to the front cross-member using the plastic nub and the screwdriver to hold the bolts.

Install the Warp and Cloth Beam Cranks. The Loom is shipped from the Factory with a bolt instead of the cranks. Unscrew the Bolts holding the Beams in place and screw in the Cranks.
 (Retain the Screws and side hooks for future folding)

Install the reed (B) in place between the two batten handtree.

The height of the Beater has been set at the Factory. If the Beater needs adjustment, it should be set so the Warp Threads just touch the bottom of the Reed when the Beater is in the back, rest position.

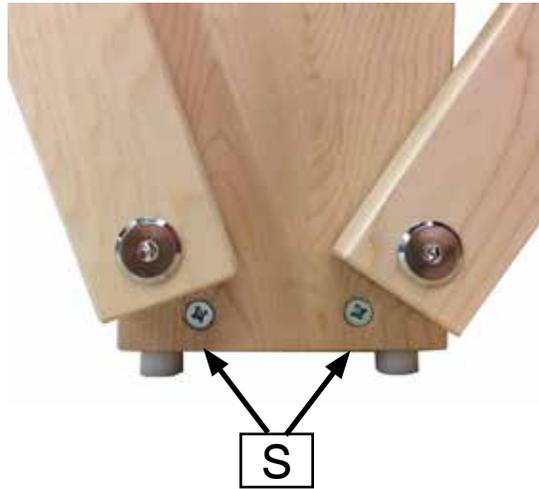


16 shafts picture

Shaft frame installation.

Heddles can be install in the heddles support before installing the shaft frames to the loom.

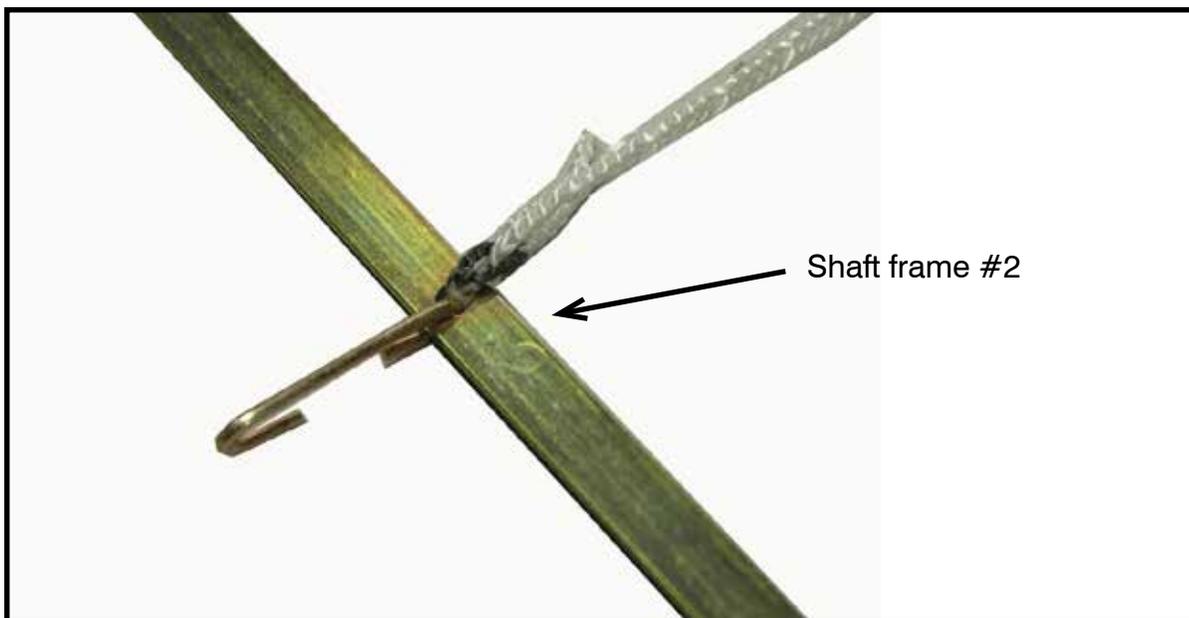
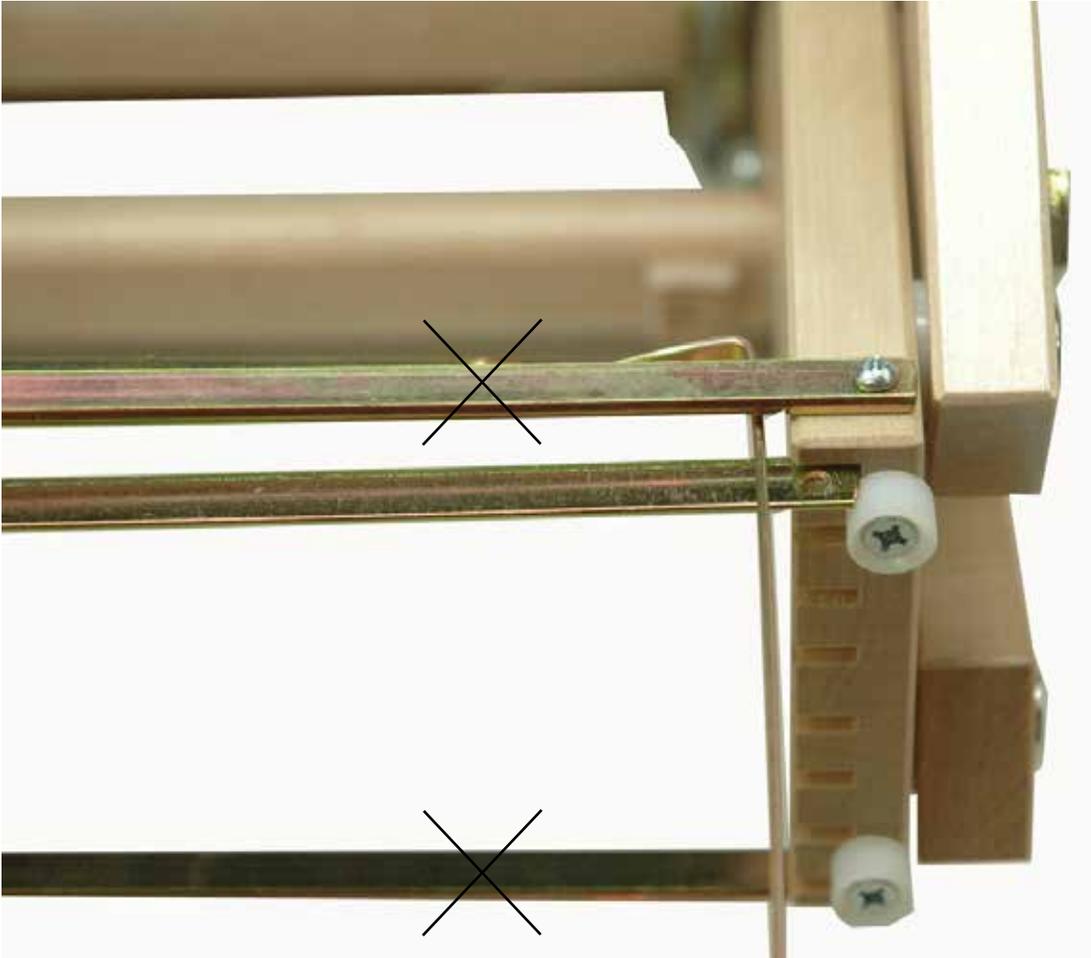
Remove the bottom board (remove the 2 small screws “S” on each side).



Insert one heddle support to the top of shaft frame #1.

Slide it to the top side groove (#1)

Each shaft frame have a loop cord, a heddle support hook and a number on it's top. It is important to place shaft frame #1 to the front groove and respect the number of each other shaft frame.



Slide it and insert the bottom heddle support.

Again heddles can be insert on each shaft frame in the same operation.

Repeat the same process for all shafts following the numbers stamp on each frame.

Affix the bottom board "B" back to the loom using the 2 screws on each side.



Put the loom on its legs.

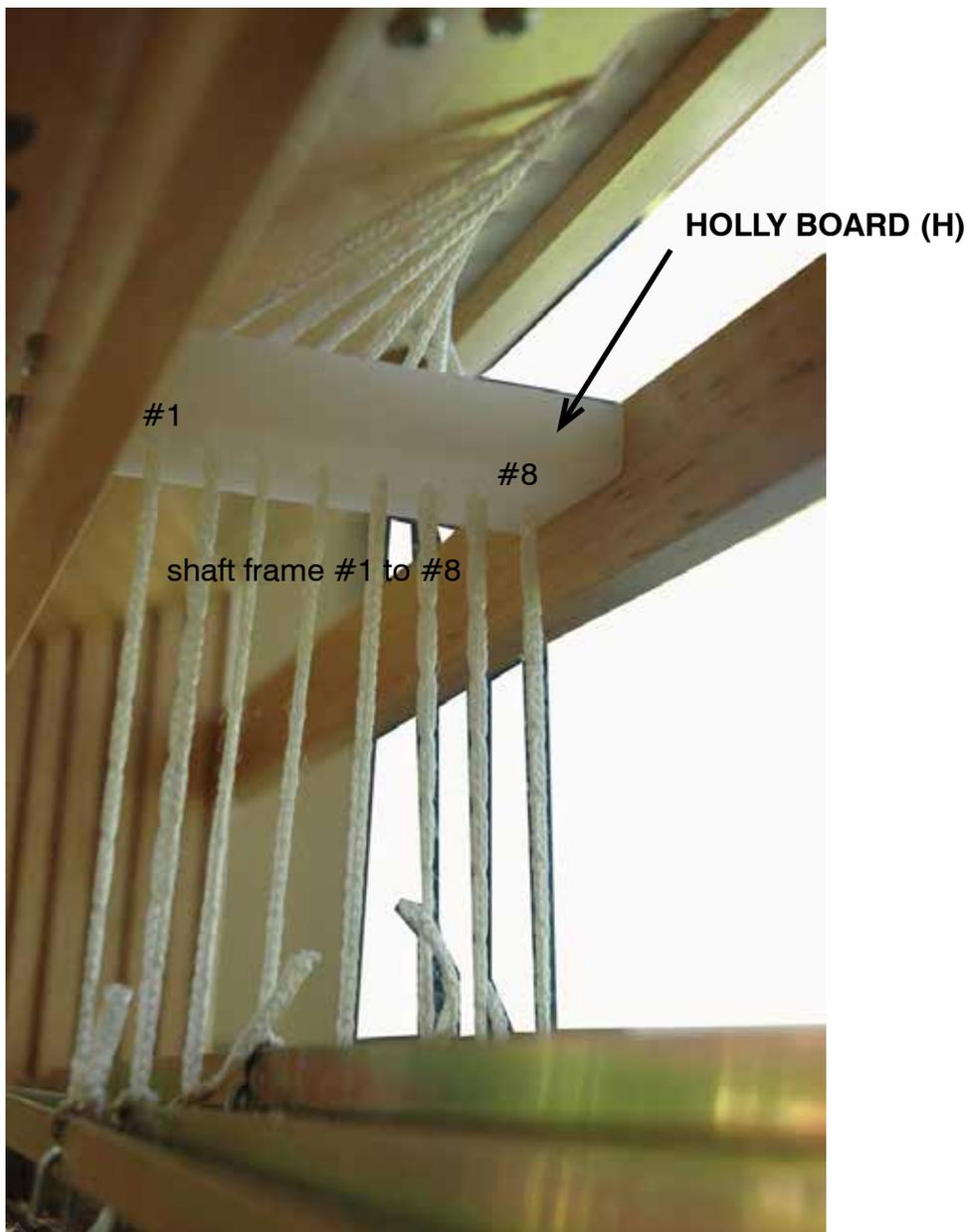
Thread the loop cords through the holly board (H), the top board Nylon guide and to the screw (at the black mark of each loom lever. (see next page pictures)

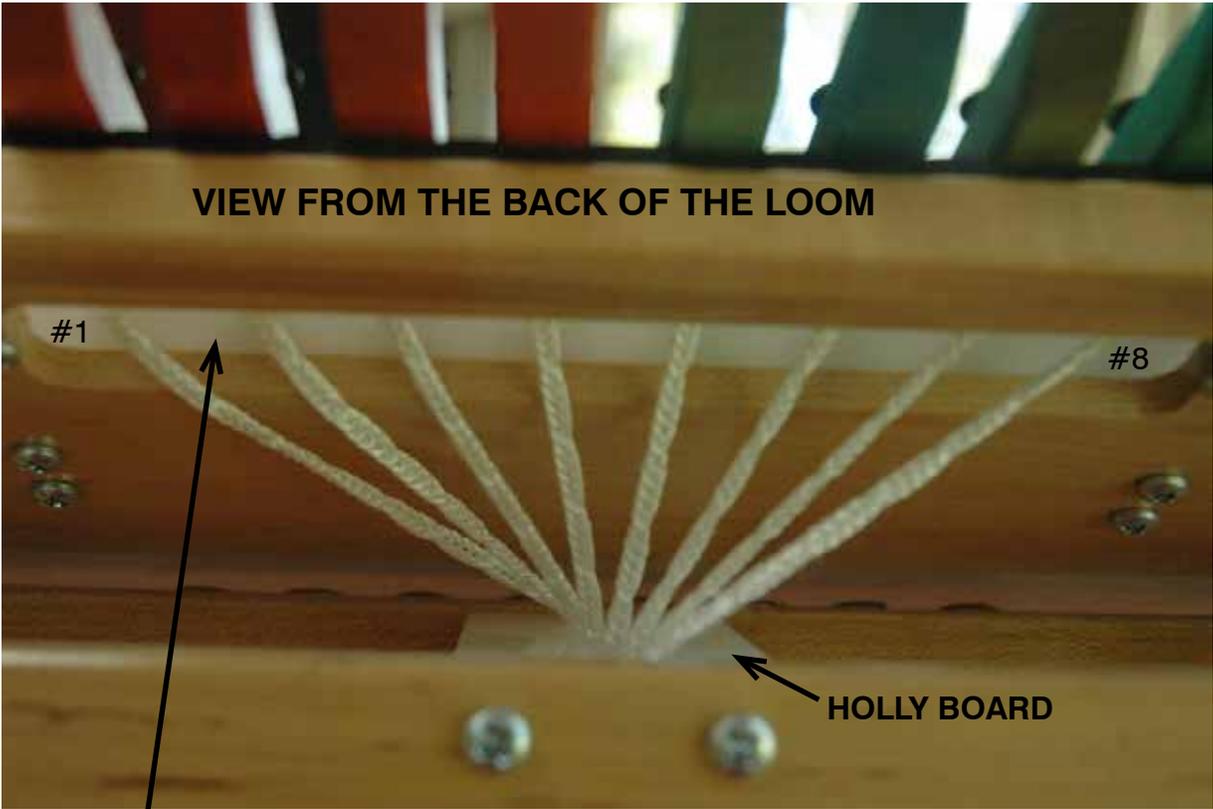
If the loom is right side (our standard), the shaft frame #1 cord goes at the right side of the loom (standing in the front of the loom)

If your loom is left side, the Shaft #1 loop cord have to be thread to the left side lever.

NOTE:

- 1) It is normal and desirable to have the back shaft frames a little higher then the front shaft frames. It will give you a better shed.
- 2) It is also normal to have the shaft frames not completely level to the ground. They will level by themself with the tension on the warp threads.





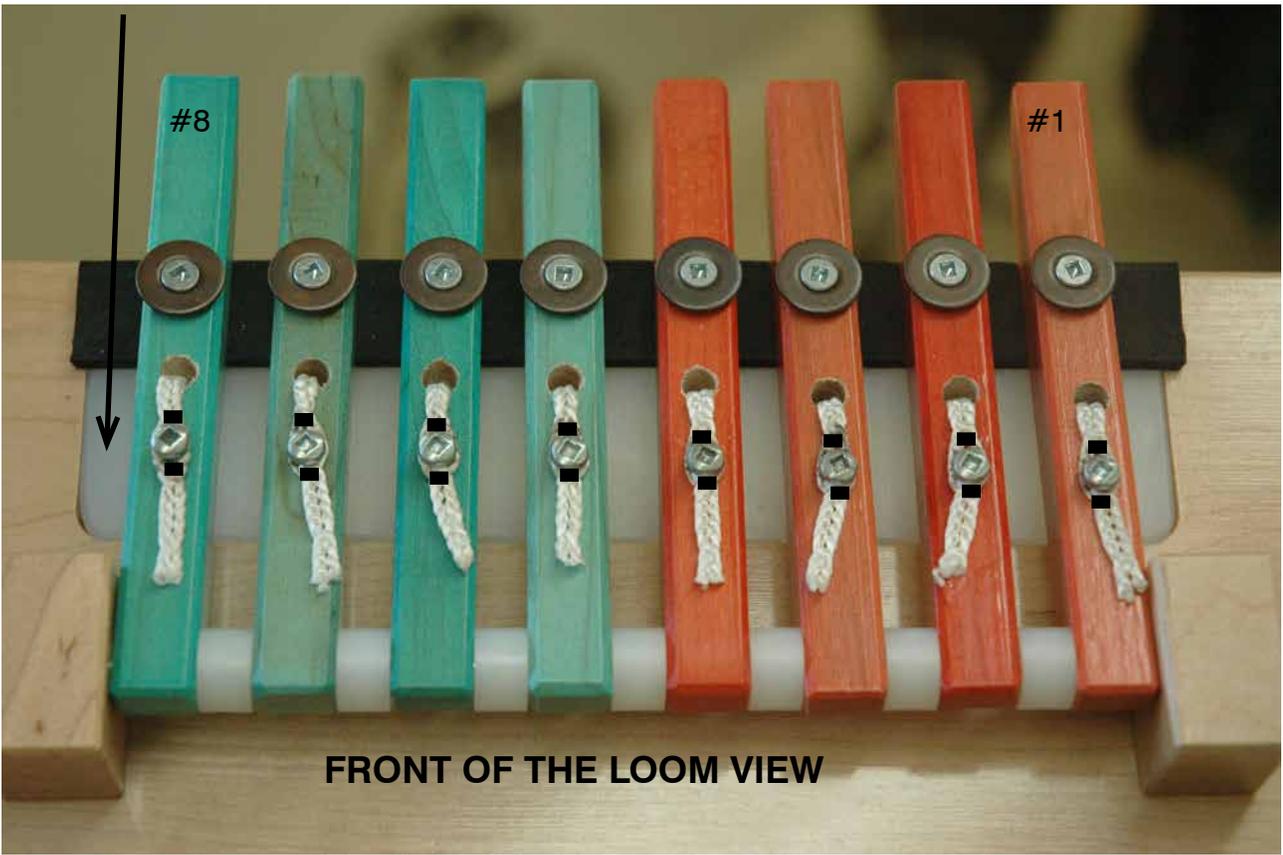
VIEW FROM THE BACK OF THE LOOM

#1

#8

HOLLY BOARD

NYLON GUIDE

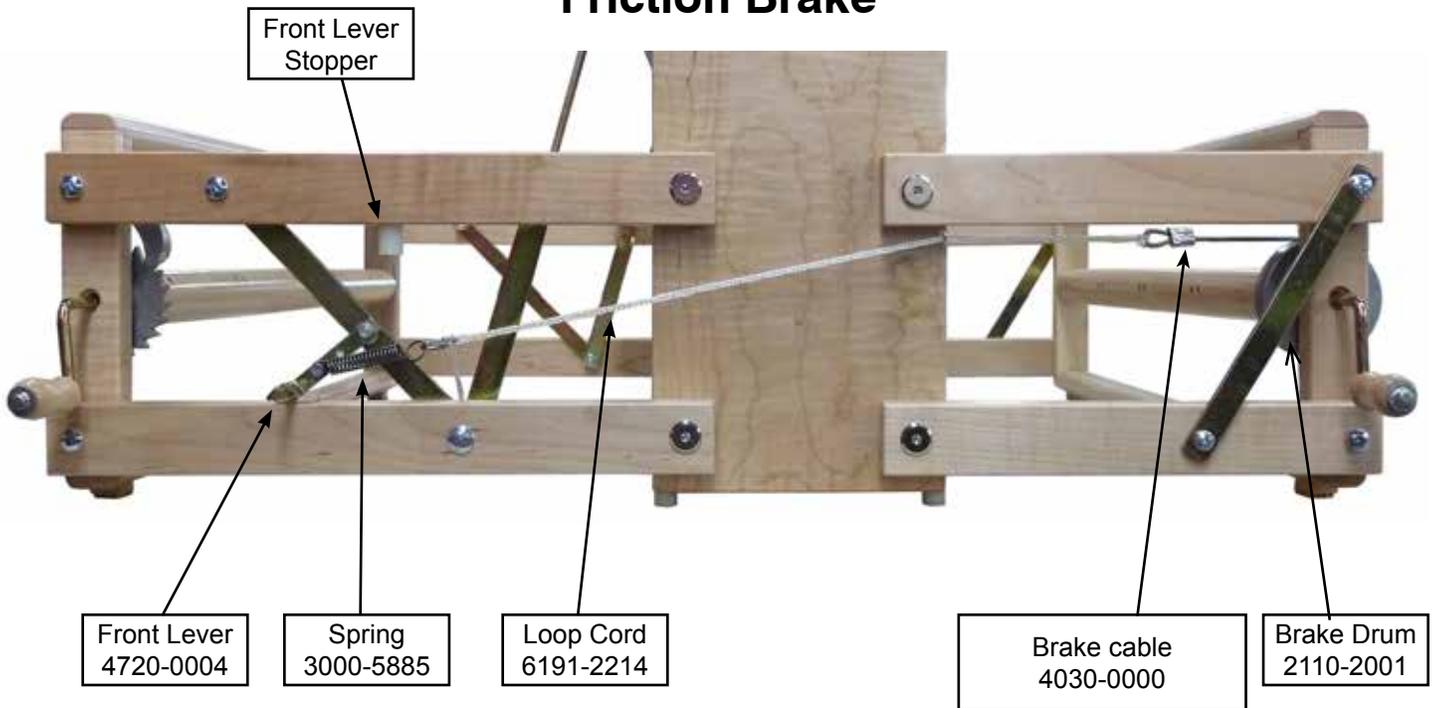


#8

#1

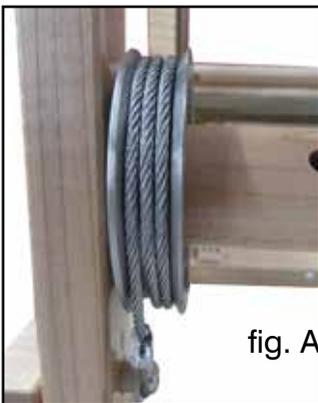
FRONT OF THE LOOM VIEW

Friction Brake

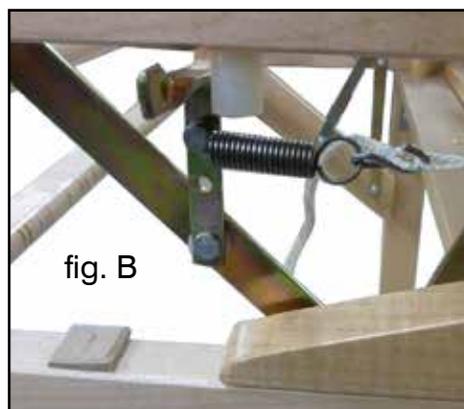


The length of the loop cord has been marked (black mark) and tested before shipping. After some time, the loop cord may stretch. You will then have to readjust the tension by changing the loop on the cord. When the front lever is release (to the front lever stopper), the brake cable (around the brake drum) should be loose enough to be able to turn the back beam.

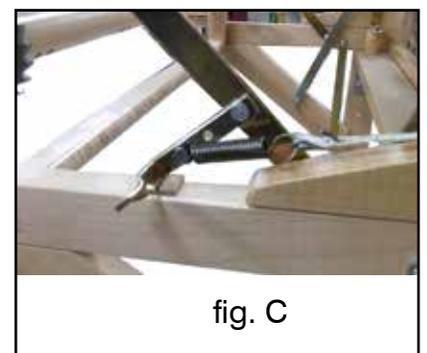
To advance the cloth, pivot the front lever to the back of the loom in order to release the tension on the brake circle. When sufficiently advanced, pivot the lever back to the front to re-establish the tension on the brake. Tighten the warp with the warp beam crank.



Brake assembly with brake cable. Make sure that it is properly in place.



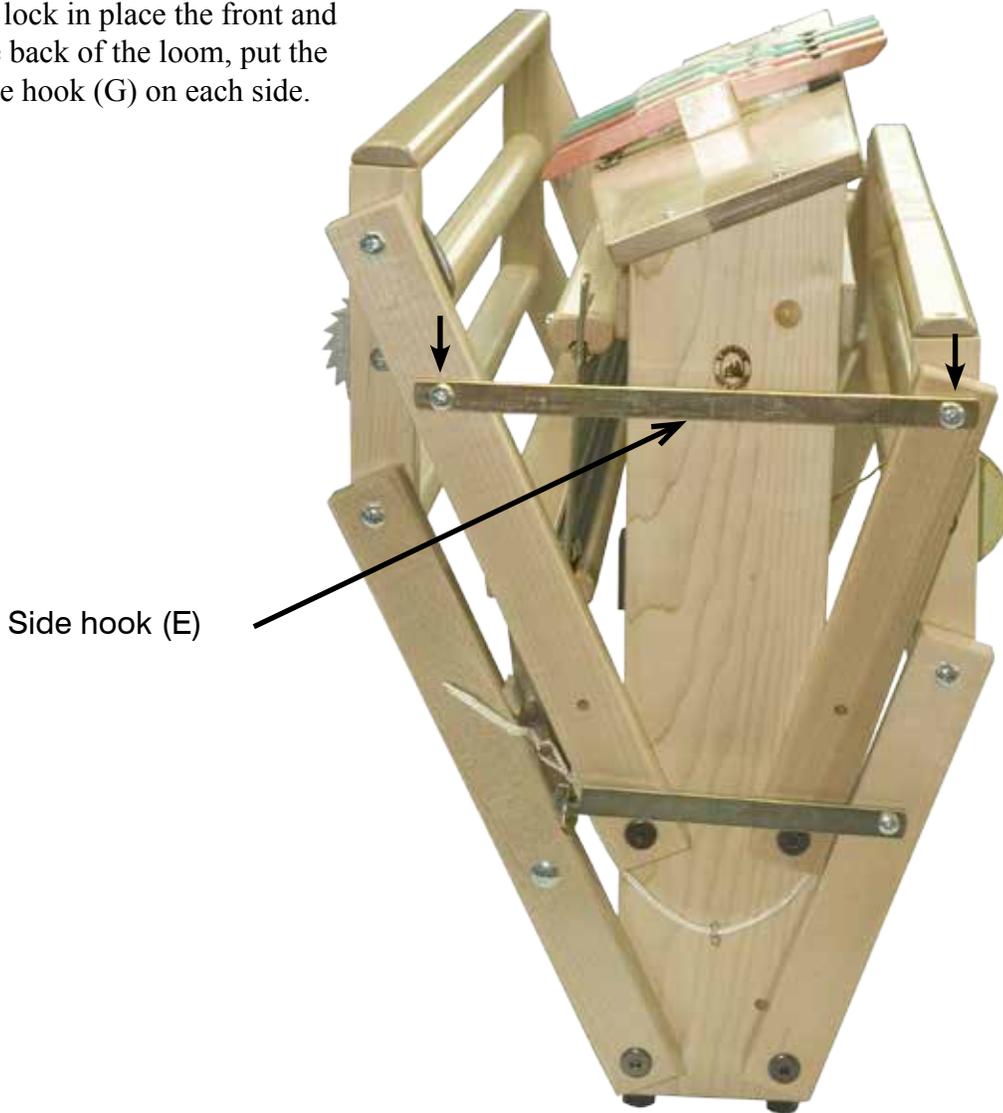
Move it up to release the brake.



Brake lever closed to tighten the brake cable.

Safely fold the loom when on the go!

To lock in place the front and the back of the loom, put the side hook (G) on each side.



Changing heddles:

- 1) Lay the Loom on its left side(the side opposite the Cloth and Warp Beam Handles.), or fold up the back of the loom and lay the loom on its back.
- 2) Remove the loop cord from the lever of the shaft you want to change the heddles on .
- 3) Remove the shaft(s) from the Loom through the bottom by holding the ends of the Heddle Bars so that the Bars will not slip out of the Frames.
- 4) After making the desired changes, reverse the procedure to replace the Shafts. Please note that each Shaft is numbered. It is important that each Shaft be returned to its numbered slot (#1 is in front and #8 is in back) Each Lever/Shaft Cord must be replaced in its proper hole in the Lever/Shaft Guide Board(holey board). #1 is closest to the front and #8 is the furthest hole to the back.

If you have a large number of Heddles to transfer, you can use the transfer bars supplied with the loom.

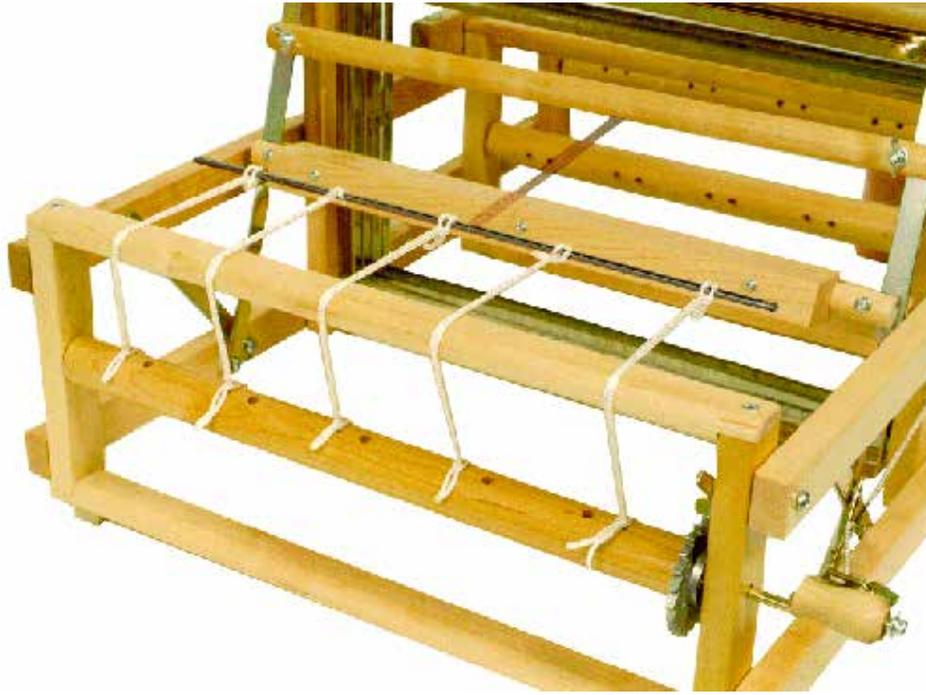
PREPARING (Stringing) WARP AND CLOTH BEAMS

- 1) Into 5 evenly chosen holes on each beam, thread one length of the loop cord.
- 2) Thread each loop cord back through itself, using the first hole in the Cord, as it comes out of the beam and pull tight.
- 3) Using the last hole of the free end on each Cord, pull a portion of the Cord through the hole forming a Loop. (A crochet hook can help you)
- 4) Slip a Bar through each loop of all cords and pull tight.(See diagram)



**Warp beam
advance
control
system**

This system will eliminate excessive warp yarn advance when releasing the brake system at cloth take-up. This friction system is adjustable and have to be released when winding the warp on. Just screw the wing nut with nylon bolt to the left back post. Screw in to increase the friction or unscrew it to release.



Voyageur Loom Shaft Adjustment

Voyageur Looms are shipped from the Factory with the Shafts preset for initial weaving. As the Shaft Frames and Cords relax under weaving tension, the Shaft height may need to be readjusted.

To adjust the Shaft height:

- 1) Set the Shaft in the raised position (Magnets in contact).
- 2) Place your little finger(Pinky) over the Hole and Cord in the Castle Top holding the Cord firm. Release the Lever.
- 3) Draw the slack through the Lever Cord Hole and set the new Cord position by advancing or backing off one Loop Hole over the Locking Pin(Screw Head) on the Lever .

PROMPTLY CALL YOUR DEALER OR LECLERC FOR ANY QUESTIONS.

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