

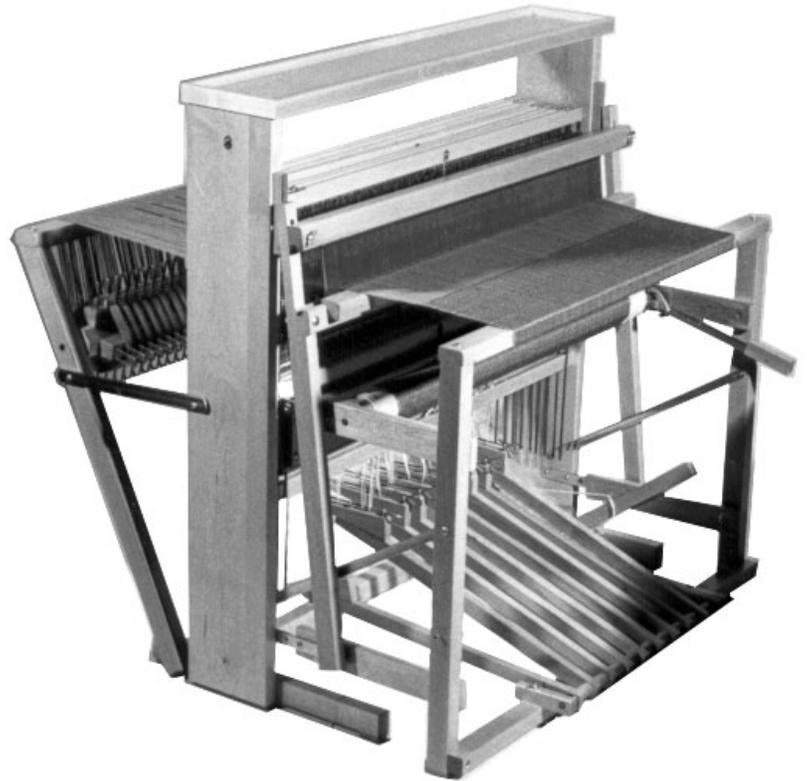
Leclerc Looms

Since 1876



ARTISAT 36" JACK-TYPE 8 SHAFTS 1009-0008

1573 Savoie
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www.leclerclooms.com
info@leclerclooms.com



On receiving the loom, unpack and lay out the loom components.
Do NOT discard any packing material until all parts are inventoried.

Check the parts received against the parts list on pages #2 to #6 of the assembly instructions. Report any discrepancies to Leclerc immediately.

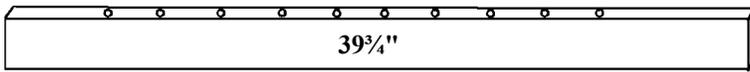
To assemble this loom, a minimum of 2 people are needed but it is recommended you use 3.

Loom Prepared by: _____

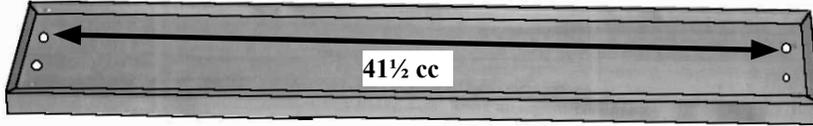
Inspected by: _____

Date: _____

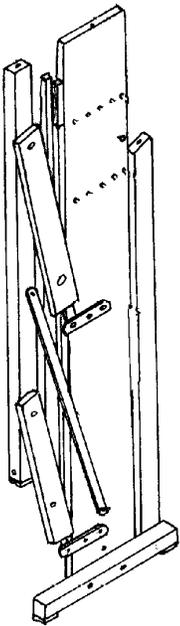
PARTS LIST



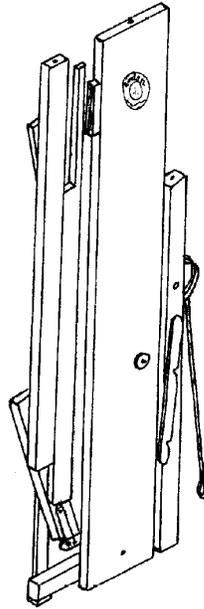
8 FLOATING LAMS



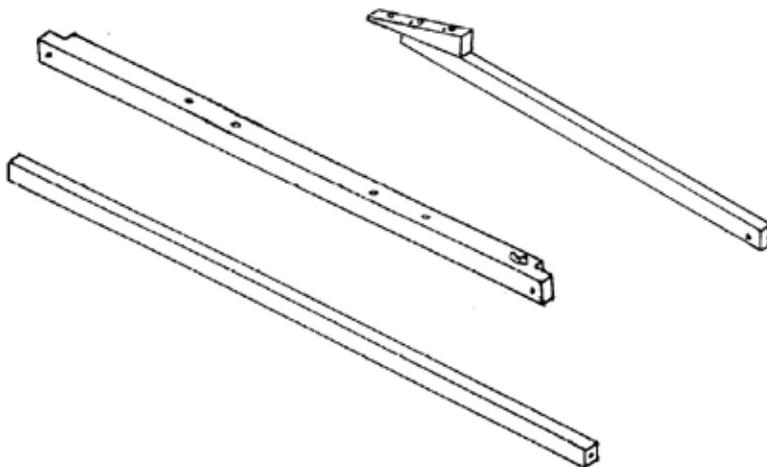
1 CASTLE TOP COVER



1 LEFT-HAND SIDE



1 RIGHT-HAND SIDE



10 TREADLES

1 FRONT CROSS-MEMBER (TREADLE)

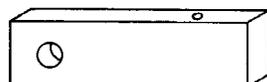
1 MIDDLE LOWER CROSS-MEMBER



1 TREADLE ROD 28 3/4" with one push nut



1 MORE PUSH NUT 7/16"



2 TREADLE set SUPPORTS



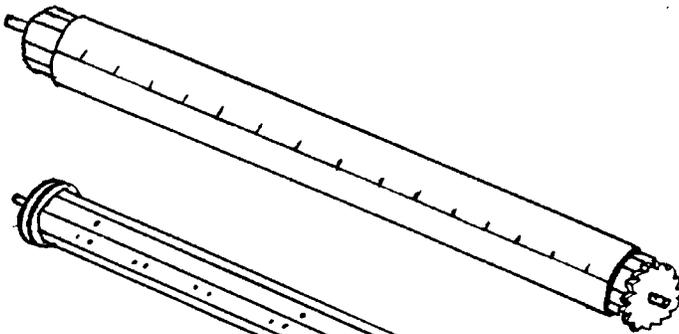
1 PK. 10 YDS FOR BEAM STICK
 1 PK 5 YDS FOR BEAMING AND LEASE
 STICK



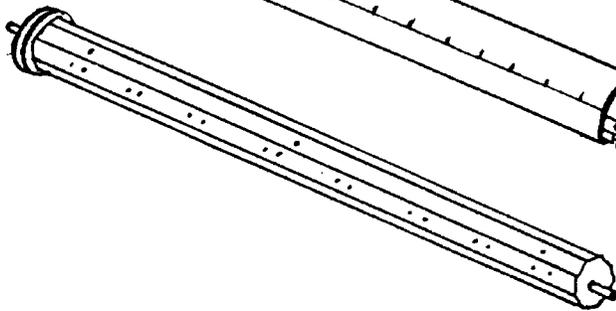
1 SHUTTLE



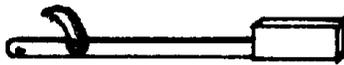
1 DOZ. BOBINES 4"



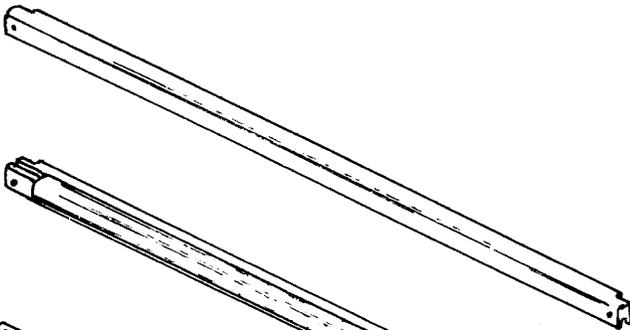
1 CLOTH BEAM WITH RATCHET
 WHEEL (wood = 38 1/8")



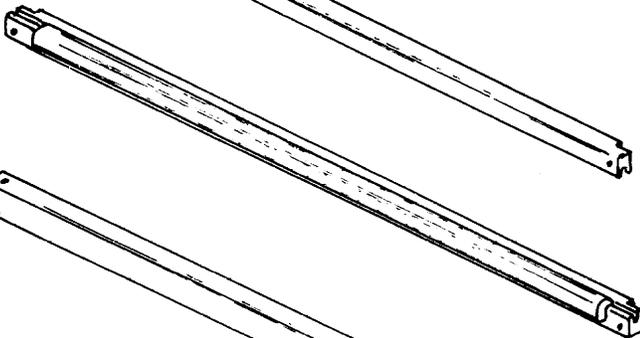
1 WARP BEAM WITH BRAKE DRUM
 (wood = 38 7/8")



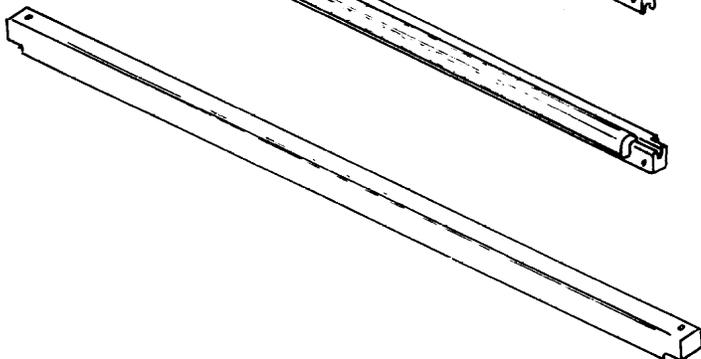
1 TAKE-UP MOTION HANDLE



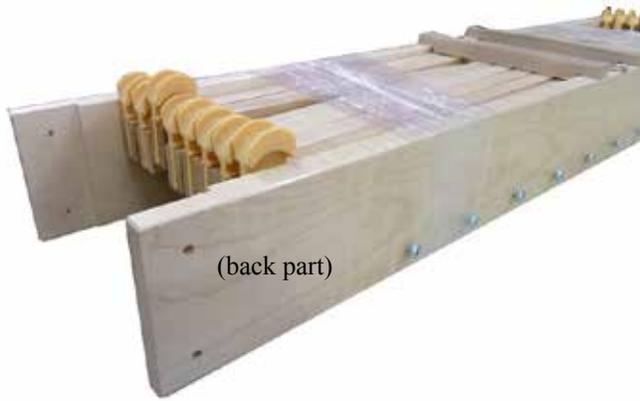
1 BATTEN HANDTREE



1 BATTEN SLEY WITH SHUTTLE RACE



2 BREAST BEAMS

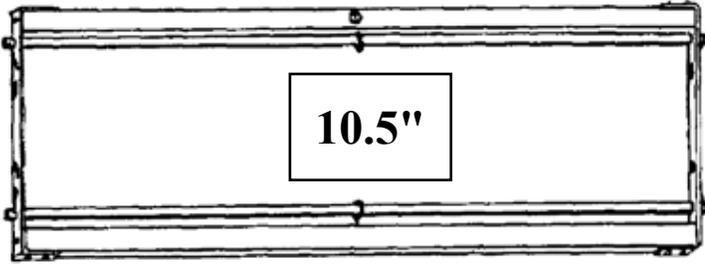


(back part)

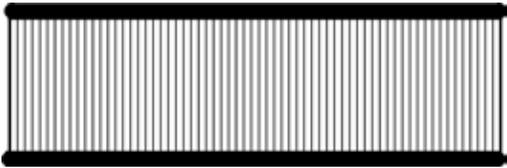
1 JACK BOX



10 Treadle springs with Loop
cord 6" (9½" with spring)



8 SHAFT (harness) FRAMES



1 REED



2 LEASE STICKS



1 BEAM STICKS



3 WARP RODS



1000 HEDDLES



1 HEDDLE AND REED HOOK 8 5/8" long
6140-9000



1 Black Screwdriver

1 Red Screwdriver



1 Adjustment wrench



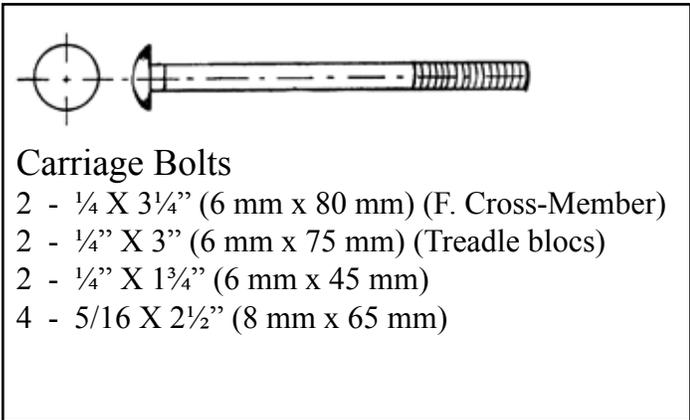
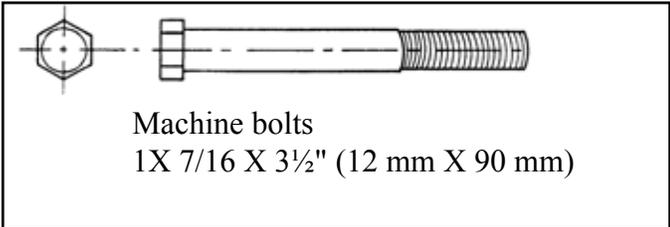
10 TREADLE HOOK 10" LONG



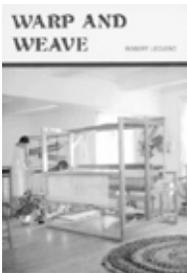
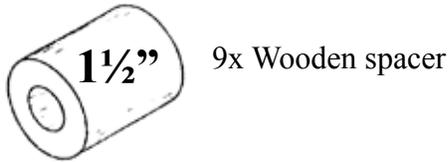
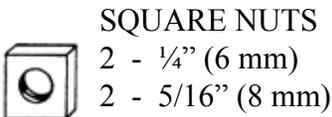
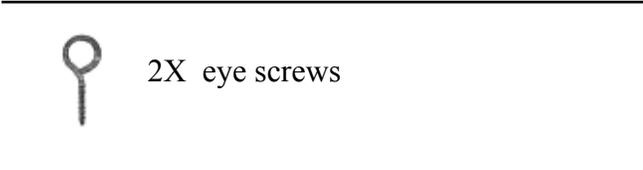
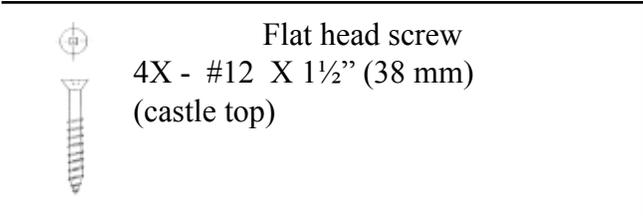
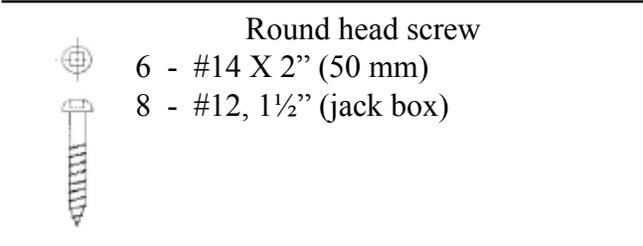
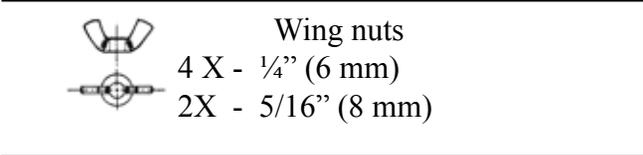
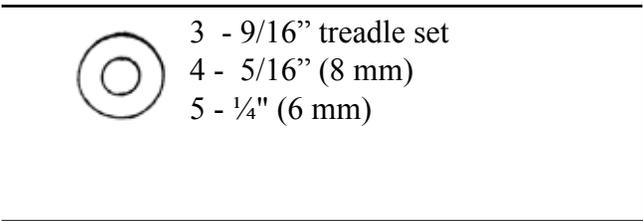
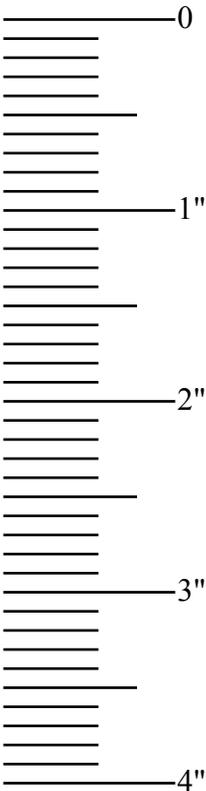
60 TREADLE CORDS 7"



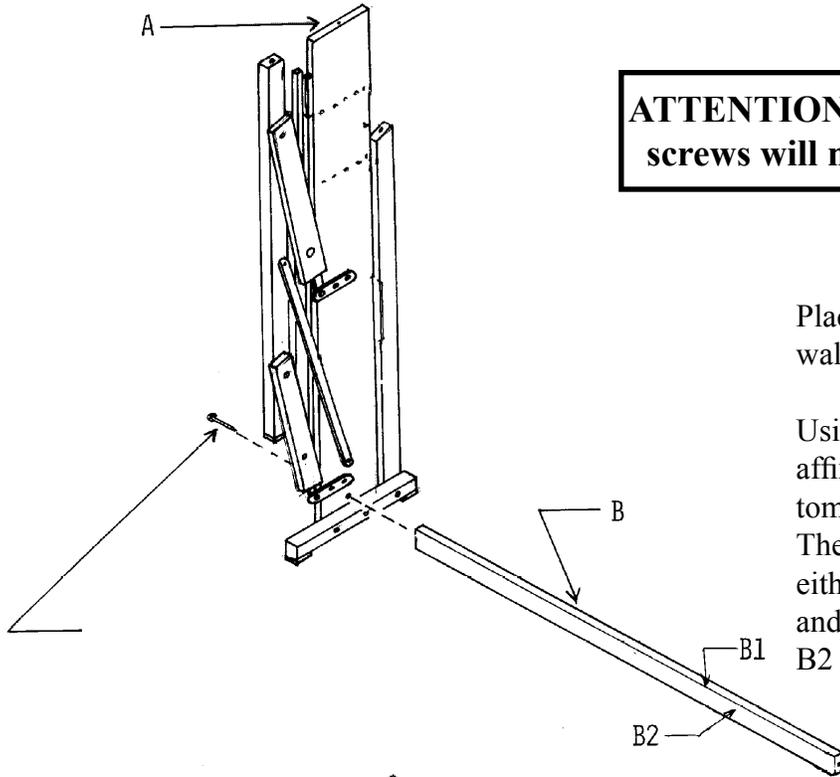
1 CRANK FOR BACK BEAM



Nylon Wing nut for the Warp beam advance control system



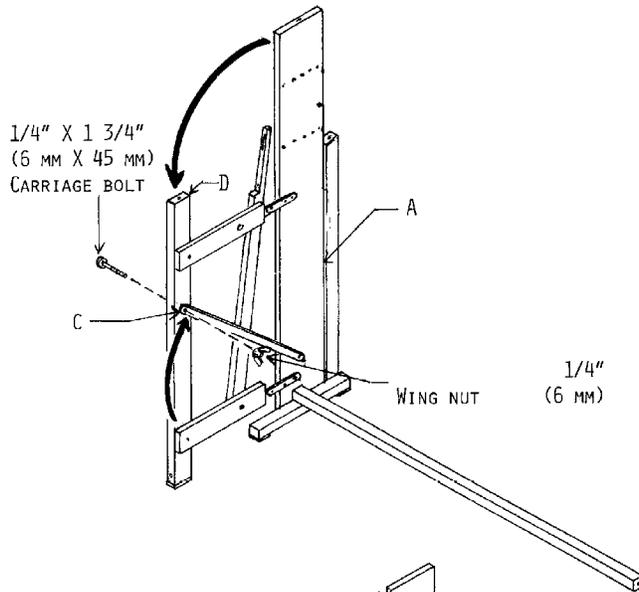
ATTENTION: Application of soap to the screws will make their insertion easier.



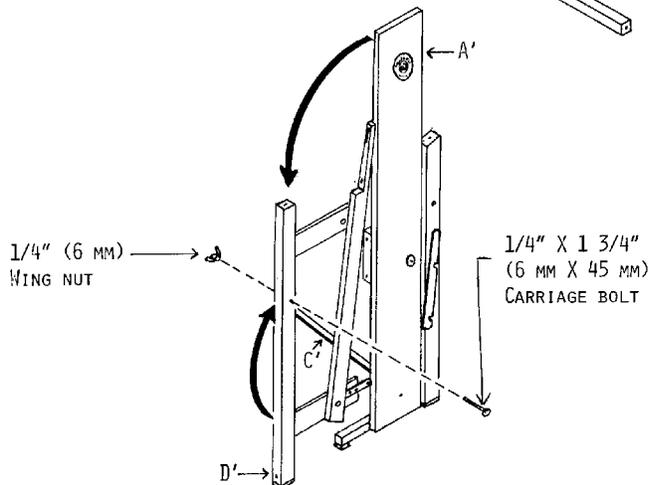
Place right-hand side A straight up beside the wall.

Using a 2" (50-mm) round-headed screw no 14, affix lower middle cross-member B to the bottom of left-hand side A.

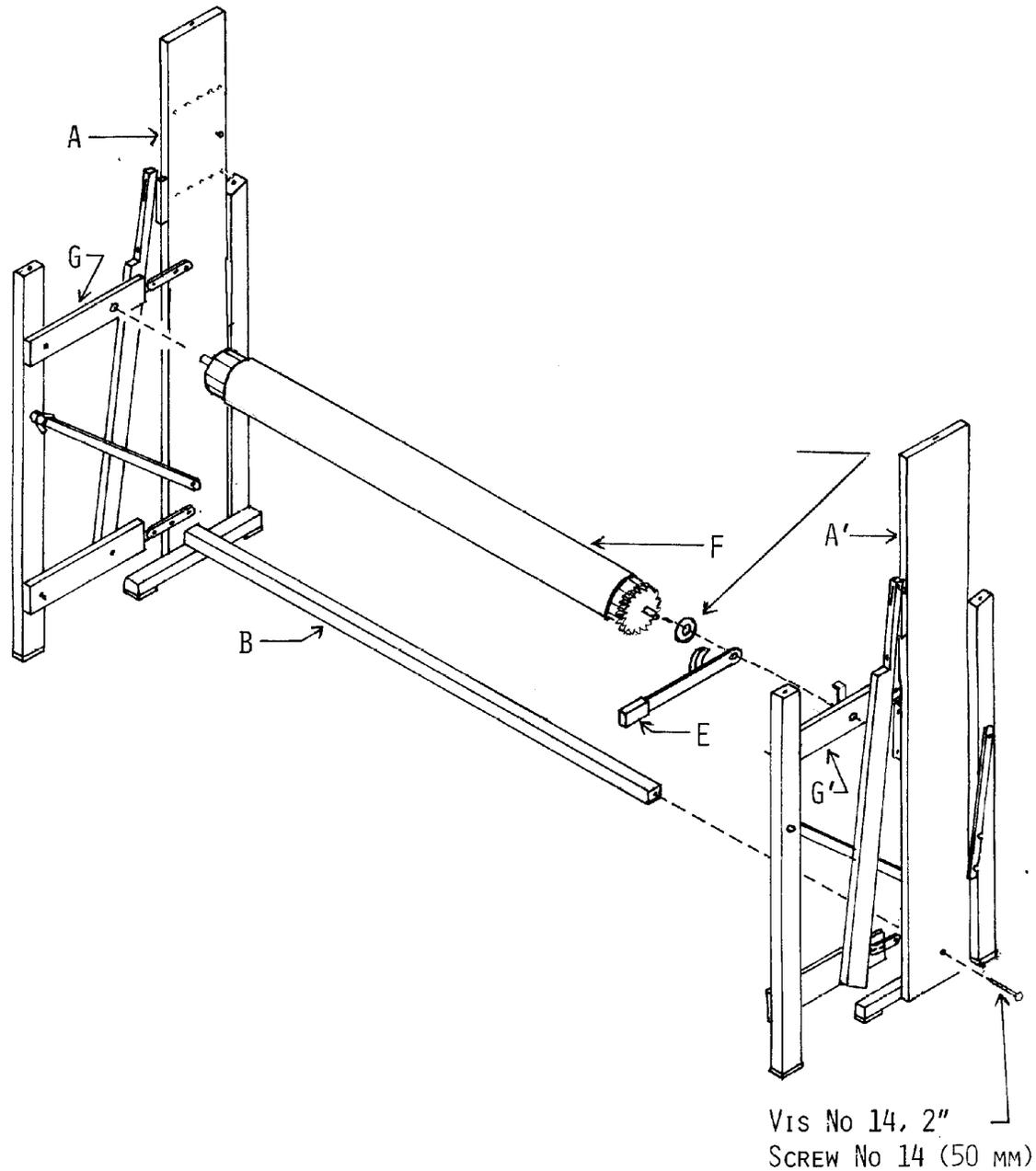
The lower middle cross-member has a hole at either end; the narrow sides B1 must be above and under the cross-member and the wide faces B2 must be on the sides.



Unfold the front section of left-hand side A. Using a 1/4" x 1 3/4" (6mm x 45mm) carriage bolt and a 1/4" (6mm) wing nut, affix metal hook C to left-hand side front post D.



Using a 1/4" x 1 3/4" (6mm x 45mm) carriage bolt and a 1/4" (6mm) wing nut, affix metal hook C' to right-hand side front post D'.

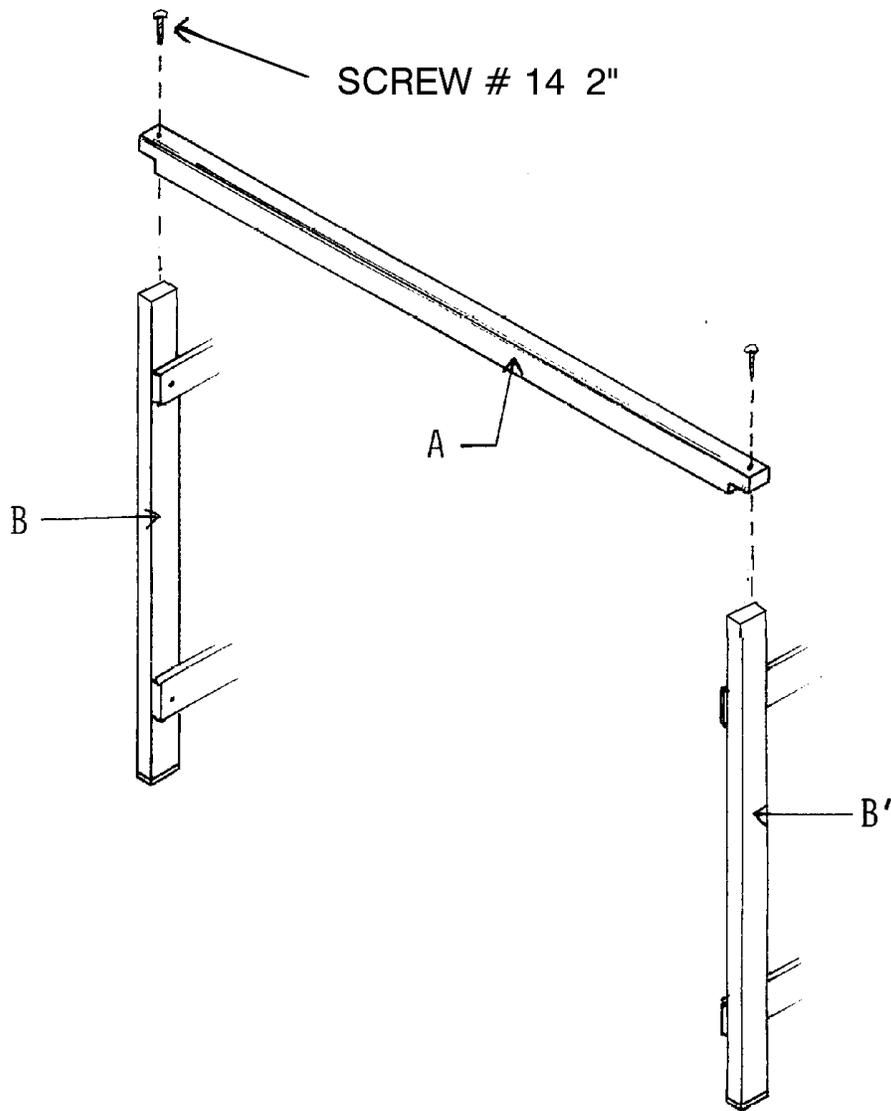


Place the take-up motion handle E, with a 9/16" steel washer, on the right-hand side end of cloth beam F.

note: The ratchet gear is on the right-hand side beam end.
the ratchet pawl affixed to the take-up notion handle must be lifted up.

Insert the end of cloth beam F into the holes in upper front cross-members G and G'. The hole in lower middle cross-member B must be right beside the hole at the bottom of right-hand side A'.

Using a 2" (50 mm) round-headed screw no. 14, affix right-hand side A' to lower middle cross-member B.

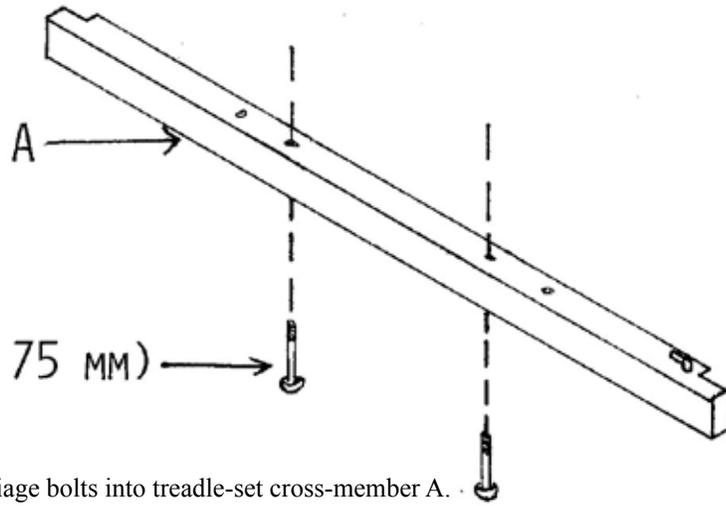


Using two 2" (50 mm) round-headed screws no. 14, affix one of the two breast beams to the top of the front posts B and B'

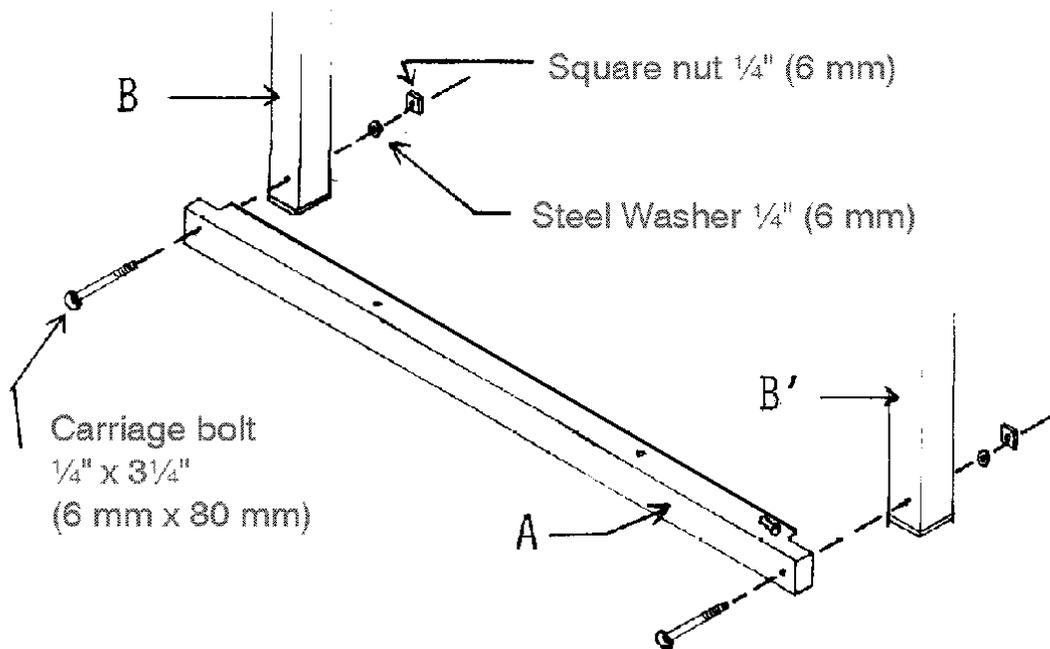
The rounded angle must be towards the outside of the loom.

CARRIAGE BOLT

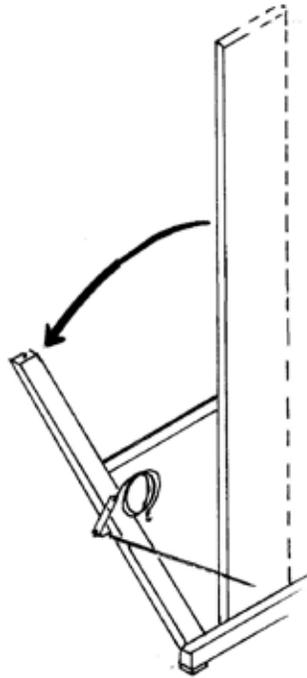
1/4" X 3" (6 MM X 75 MM)



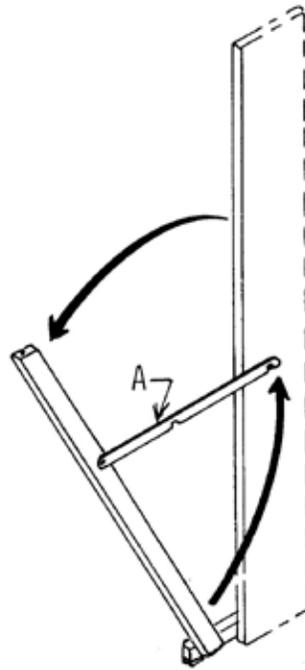
Insert two 1/4" x 3" (6 mm x 75 mm) carriage bolts into treadle-set cross-member A. The bolt heads must be to the underside. The 2 center hole are for a 6 treadles set and the 2 outside one are for the 10 treadles set.

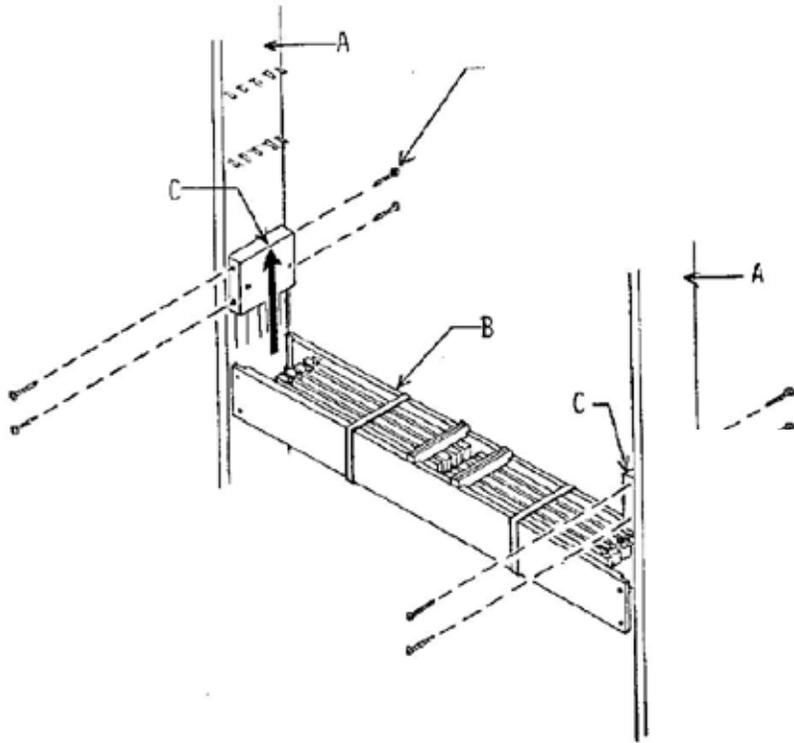


Using 1/4" x 3 1/4" (6mm x 80mm) carriage bolts, plus 1/4" (6mm) steel washer and square nuts, attach front cross-member A to front posts B and B'



Unfold the back portion of the loom
and lock it there with metal hook A





Slide jack box B along the middle posts A, from bottom to top, and affix it to blocs C using eight 1½" (40 mm) round-headed screws no. 12.

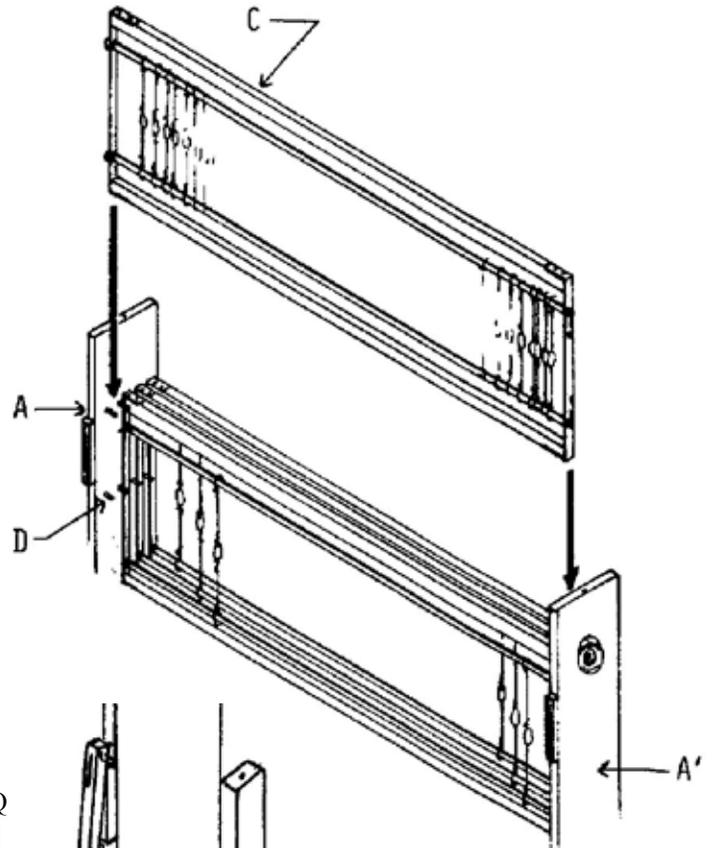
Install the heddles in the shaft frames. (see "WARP AND WEAVE" on page 10)

Remove the saran wrap of the jack box.

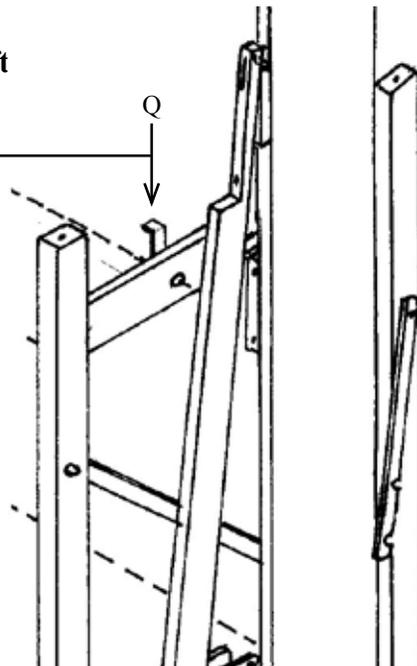
Slide shaft frames T between dividers Q. The shaft frames must rest on the plastic supports U of the jacks

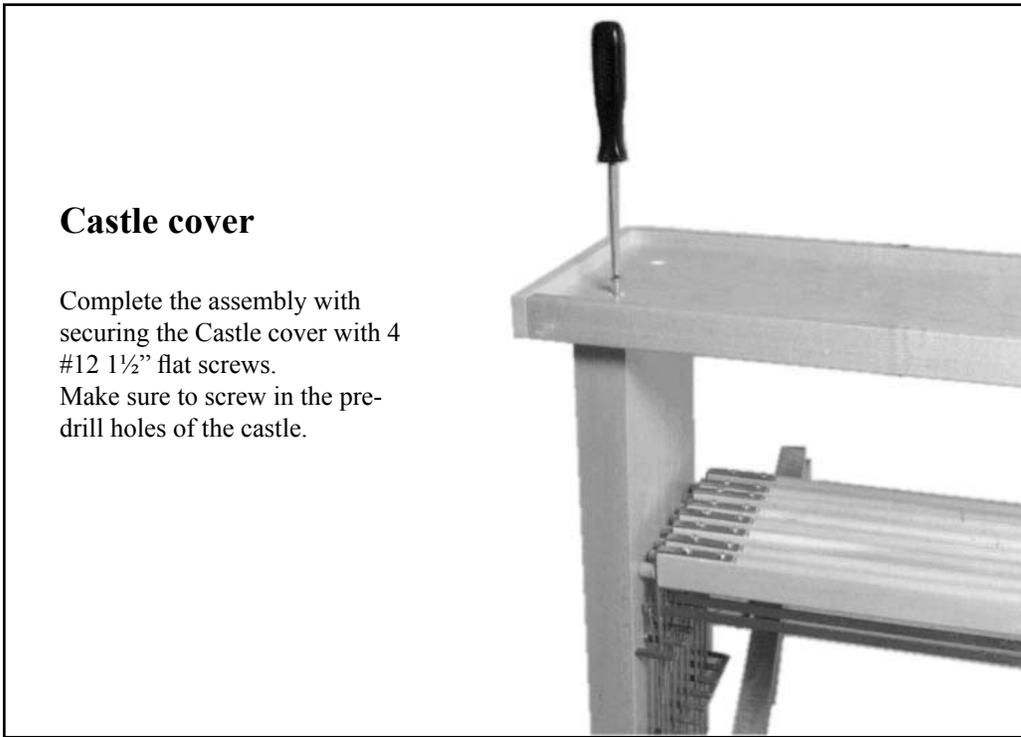
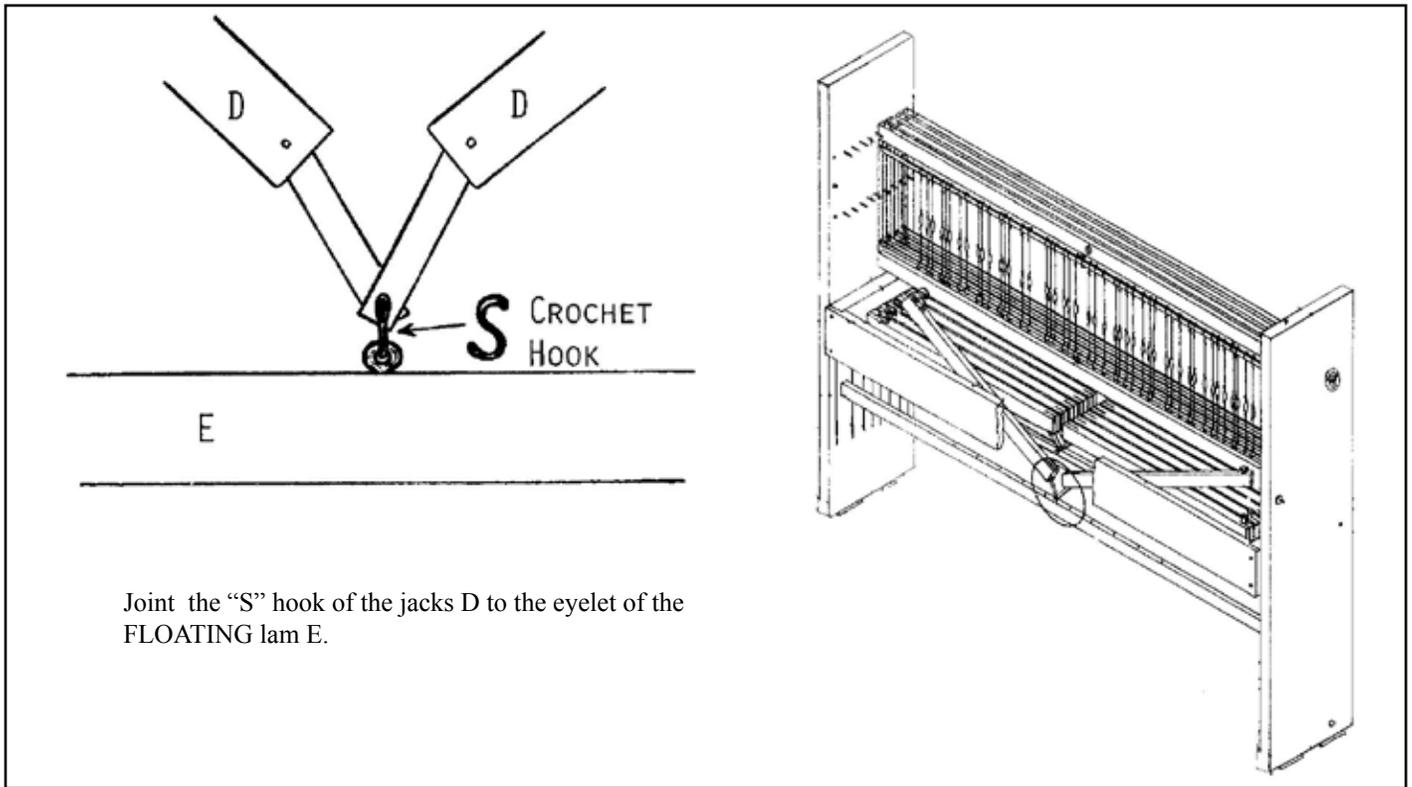
NOTE: Some shafts may be tight between castle frame until the castle top is fix.

Leclerc Logo goes in the top front of each shaft frame



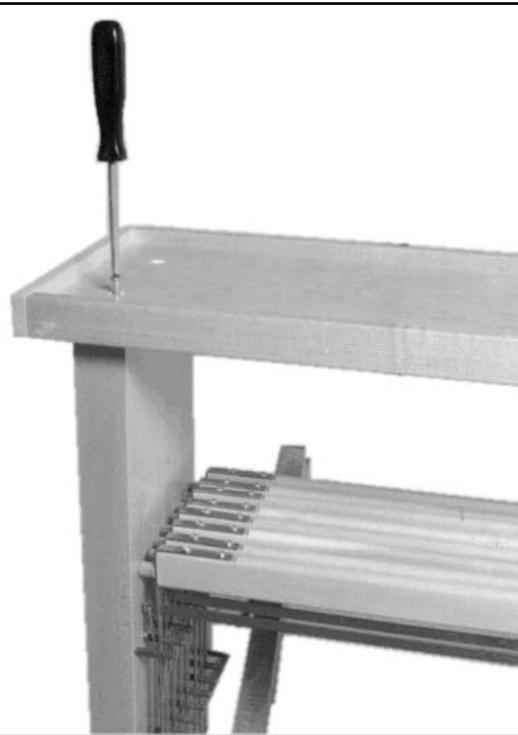
The ratchet pawl Q affixed to the Side Loom must be lifted up while inserting the Jack Box.



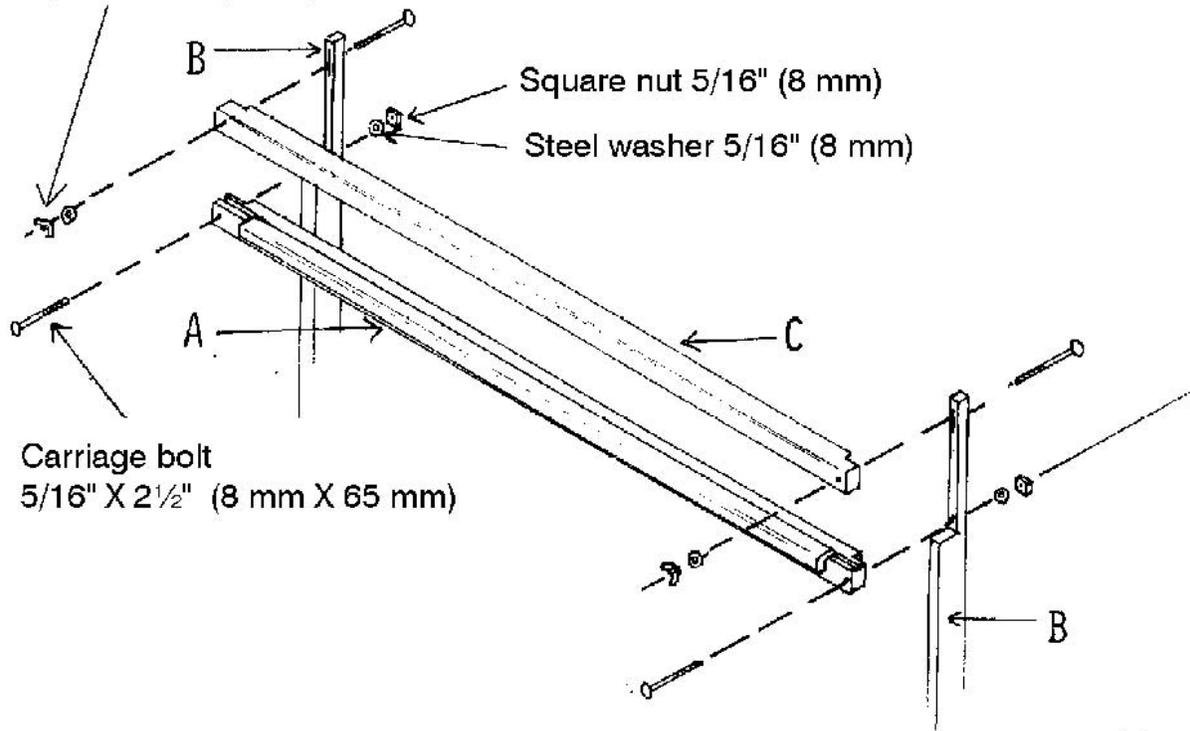


Castle cover

Complete the assembly with securing the Castle cover with 4 #12 1½" flat screws. Make sure to screw in the pre-drill holes of the castle.



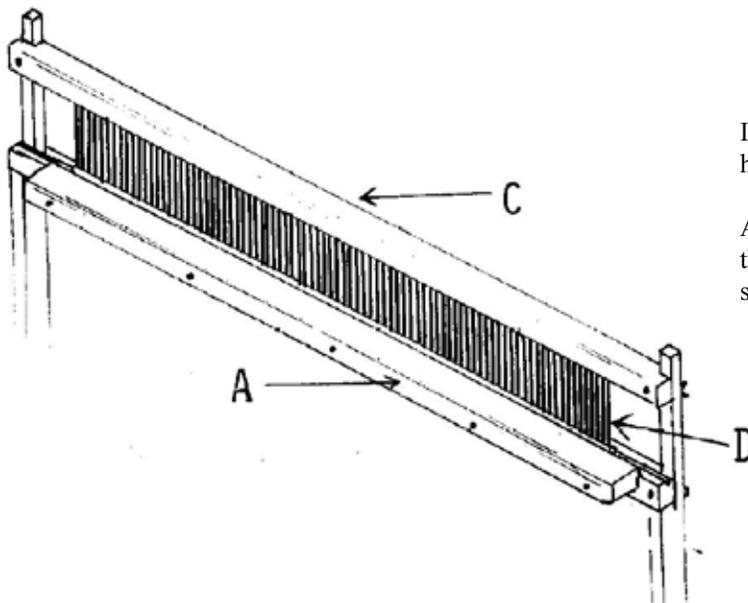
Wing nut 5/16" (8 mm)



Install the treadle cord with the treadle hook.

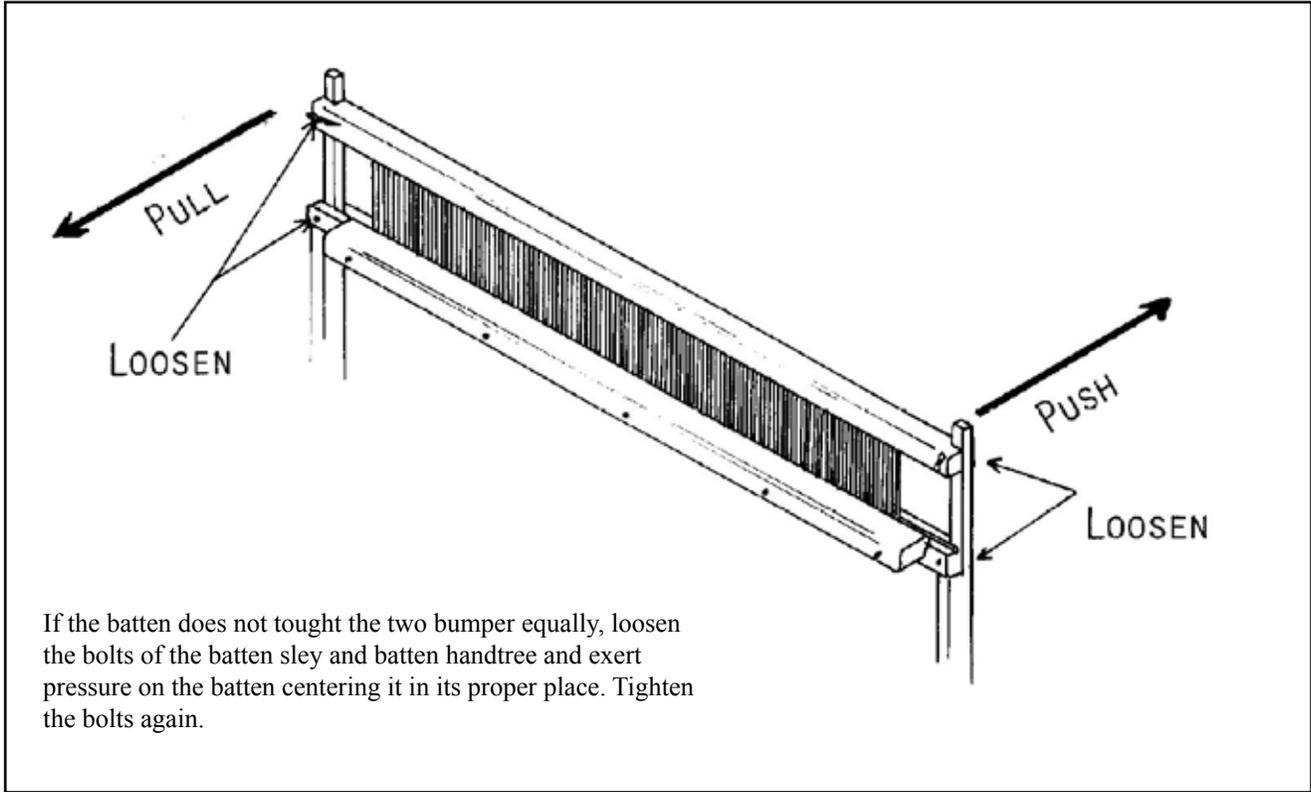
Using the carriage bolts, steel washers and square nuts, attach the batten sley A (with shuttle race) to the batten swords B.

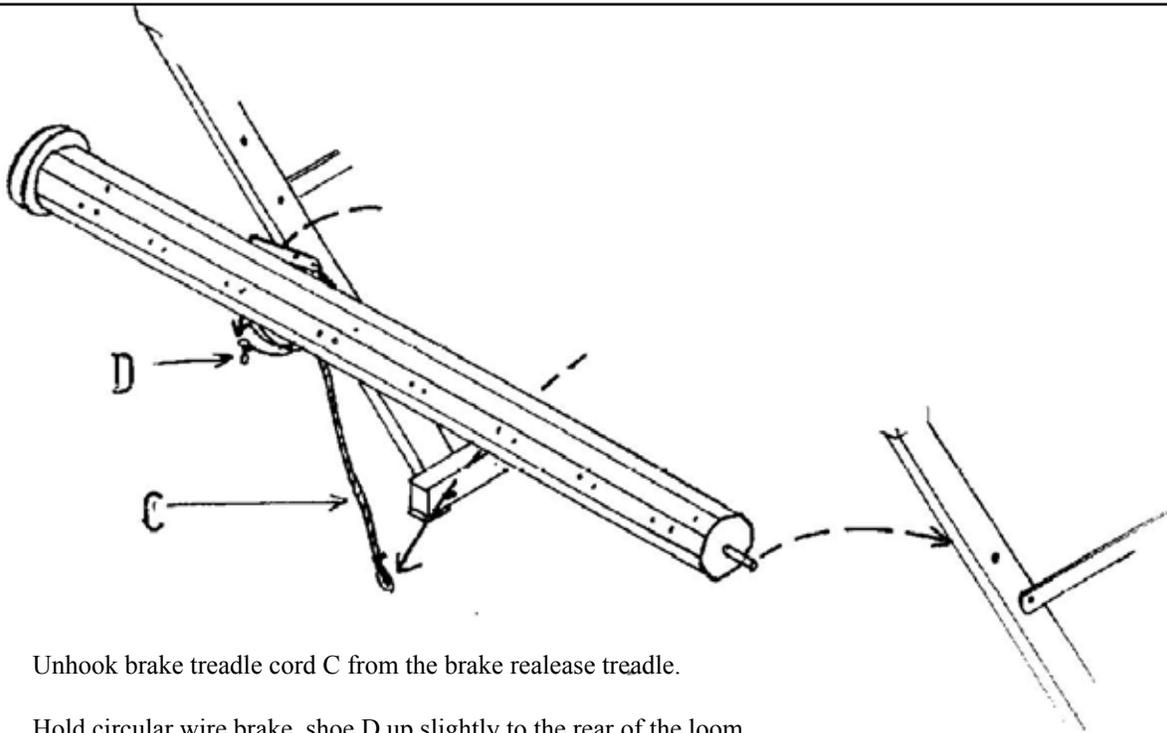
Then affix the batten handtree C to the batten swords B.



Install reed D in the slots of batten handtree C and batten sley A.

Adjust batten handtree C by sliding the bolts in the slots of the batten swords to firmly hold the reed.

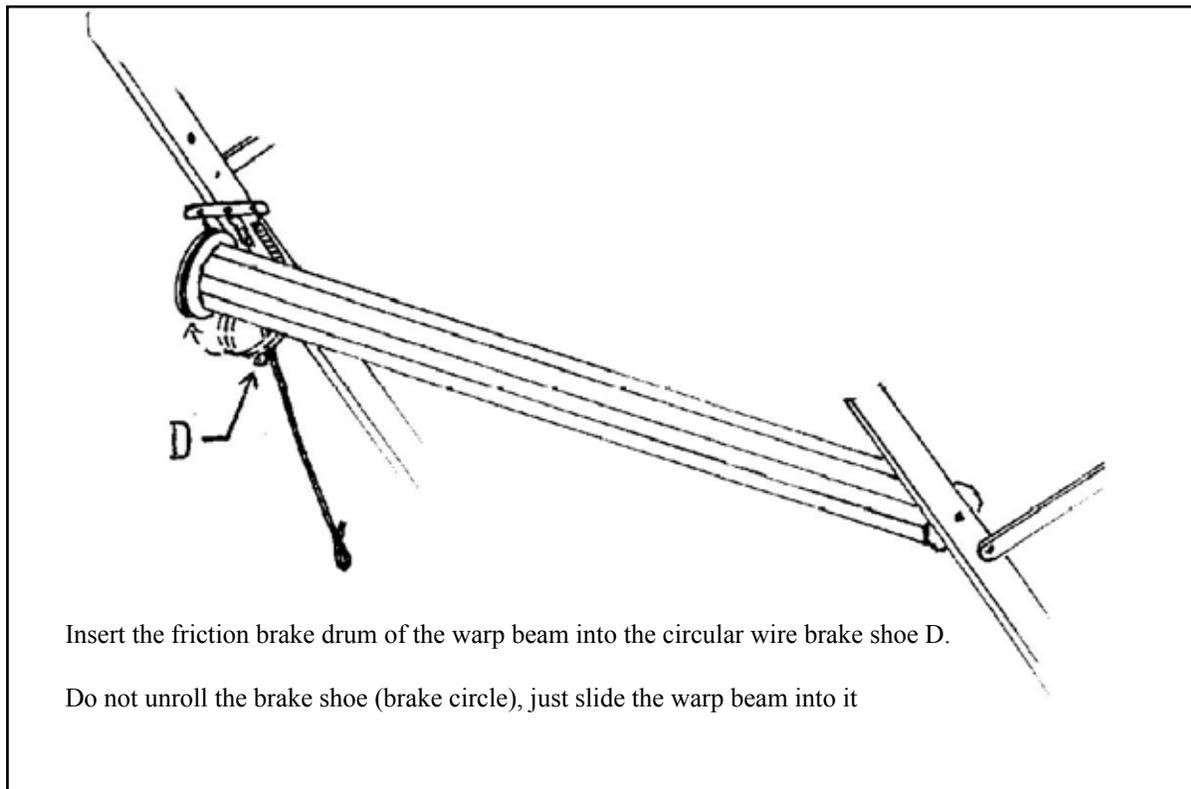




Unhook brake treadle cord C from the brake release treadle.

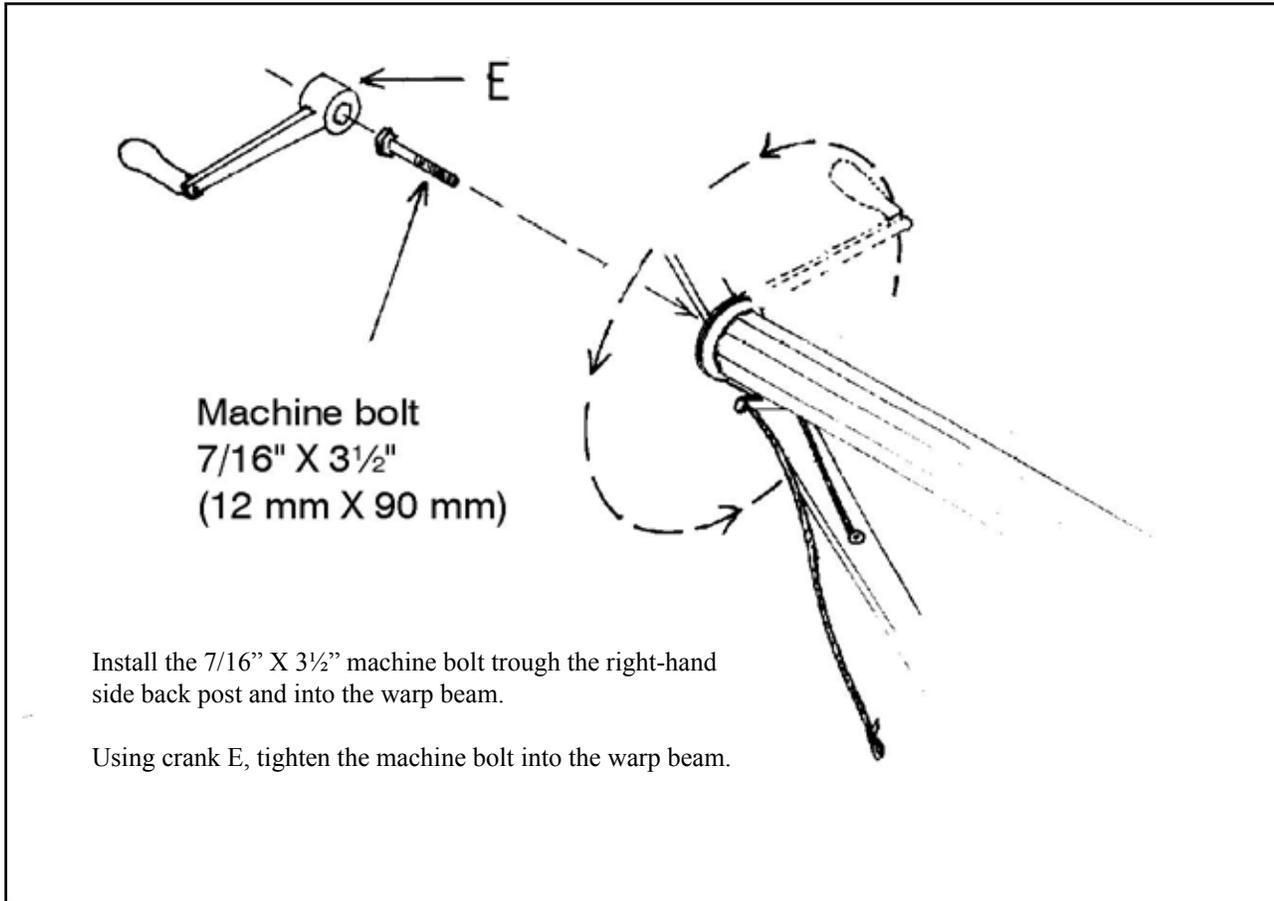
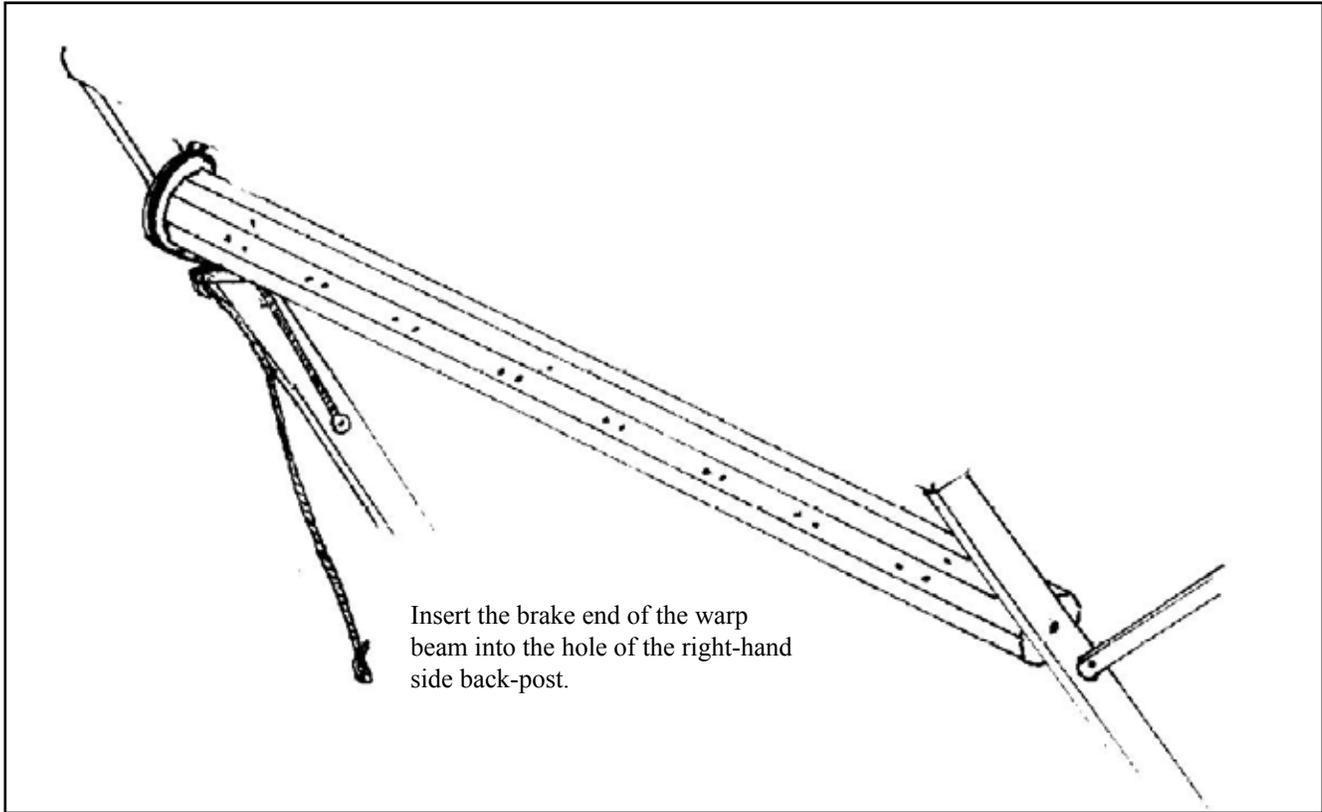
Hold circular wire brake shoe D up slightly to the rear of the loom.

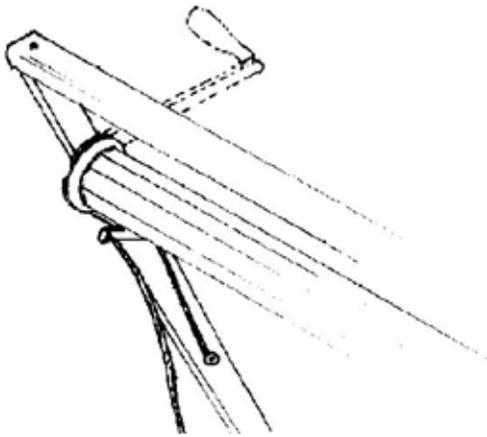
Insert one end of the warp beam (which has only a metal post) into the left-hand side back post.



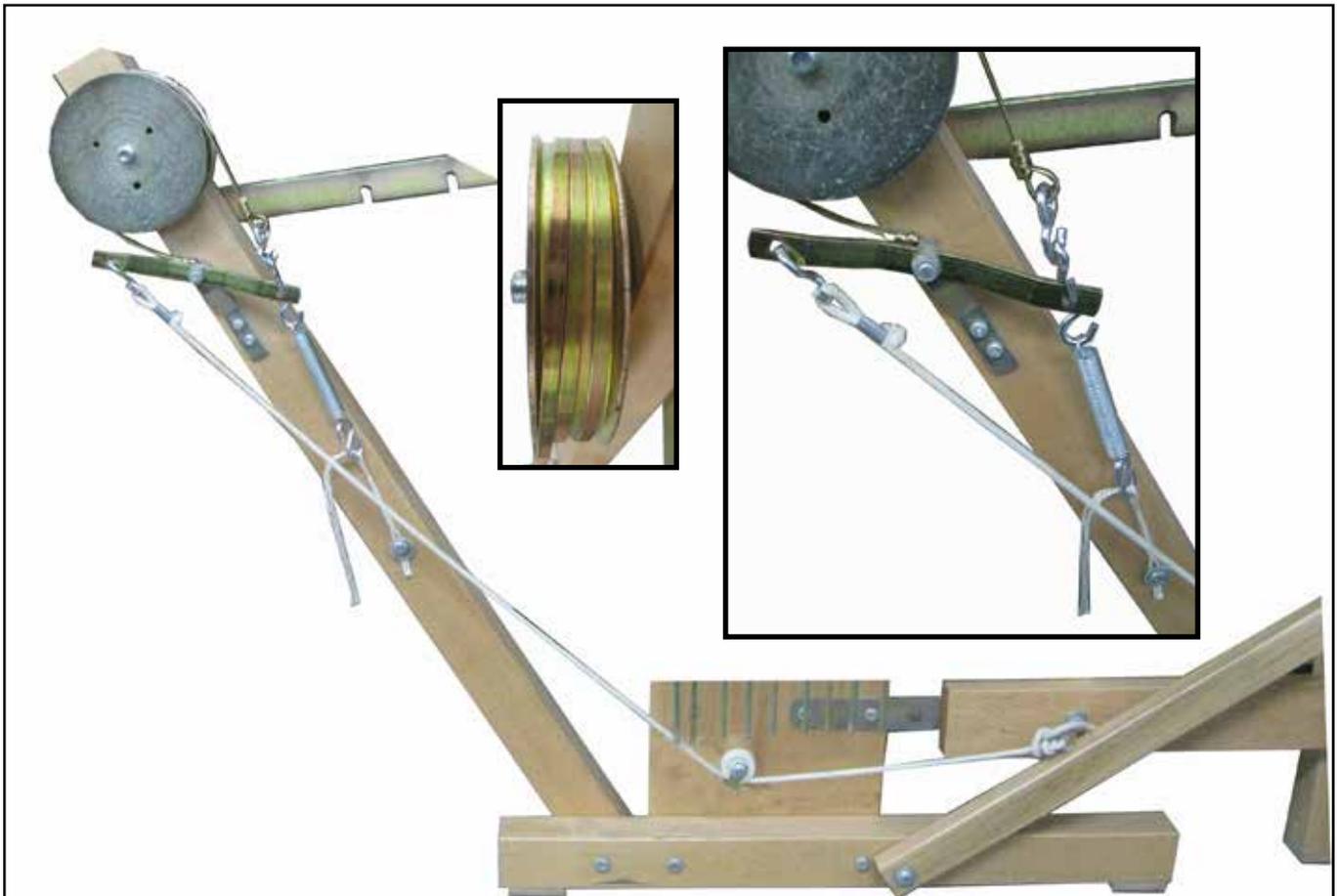
Insert the friction brake drum of the warp beam into the circular wire brake shoe D.

Do not unroll the brake shoe (brake circle), just slide the warp beam into it





Using two 2" round-headed screws no 14, affix the breast back beam to the back posts.



Join the front "S" hook of the brake lever to the brake loop cord so the tension on the spring will be high enough to lock the warp beam while weaving.

The warp beam should turn with some friction clockwise (while standing at the right side of the loom near the brake system) and this is the warping rotation. However, you should always release the tension on the friction brake system by disconnecting the spring from the loop cord (S hook) when you are warping the loom.

To advance the fabric when weaving, depress the brake treadle just enough to release the warp beam. Depressing the brake treadle too far may cause the brake cable to come off the brake drum.

Join the brake treadle to the S Hook in the back of the Brake Lever. Adjust the length so the brake treadle is at the comfortable height. Make a double knot at the brake treadle eye.

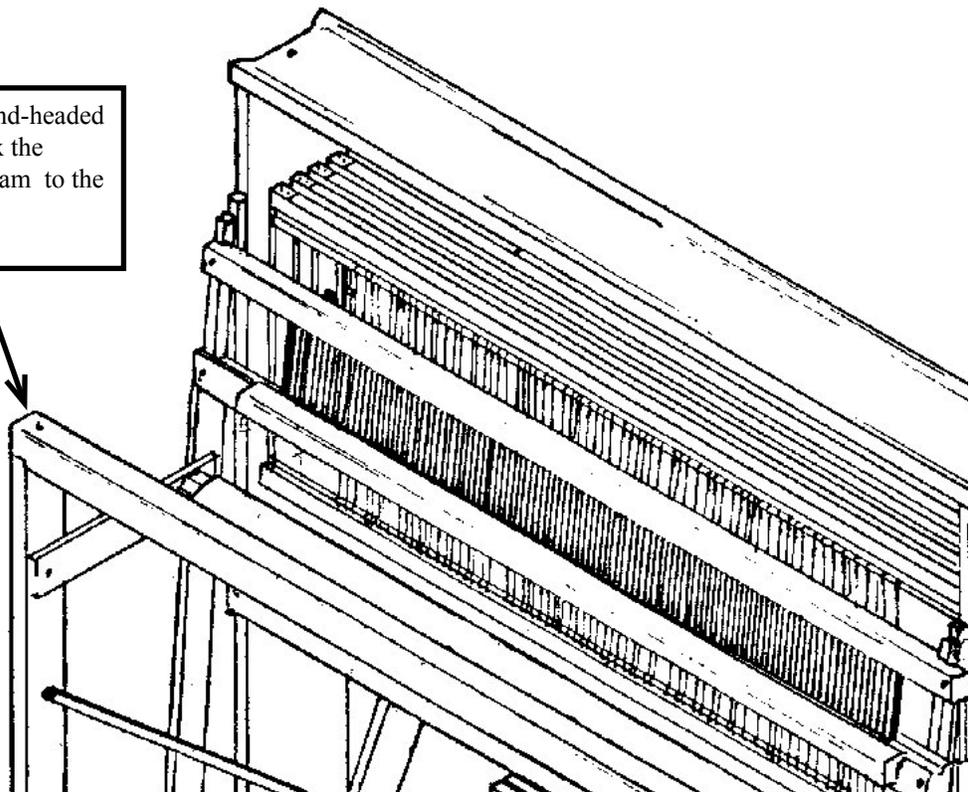
New control advance system:

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 in the wing screw to increase the friction or unscrew it to release.

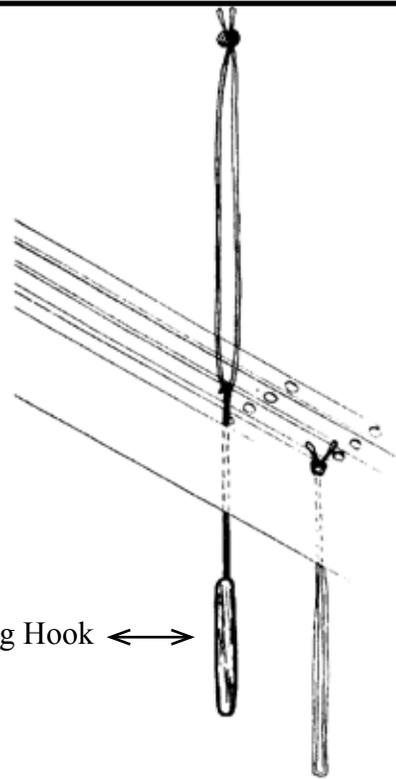


Using two 2" round-headed screws no 14, affix the FRONT breast beam to the FRONT posts.

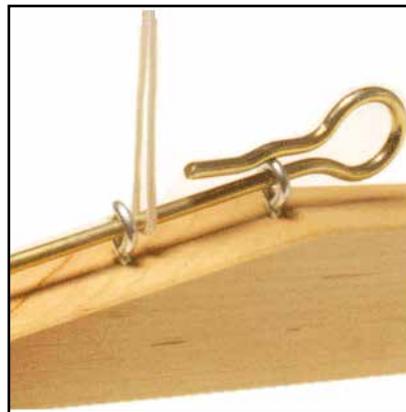


FIRST TREADLE TIE-UP

Select any treadle and tie the Lams to the Treadles using the 7" cords supplied with the loom. Take the threading hook to help pass the cord through each hole of the lam.

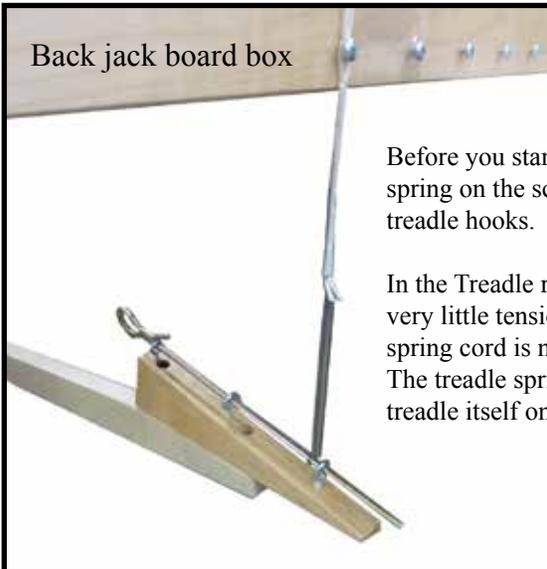


Threading Hook ↔



Slide the Treadle Hook through the Screw Eyes and Cord Loops.

Back jack board box

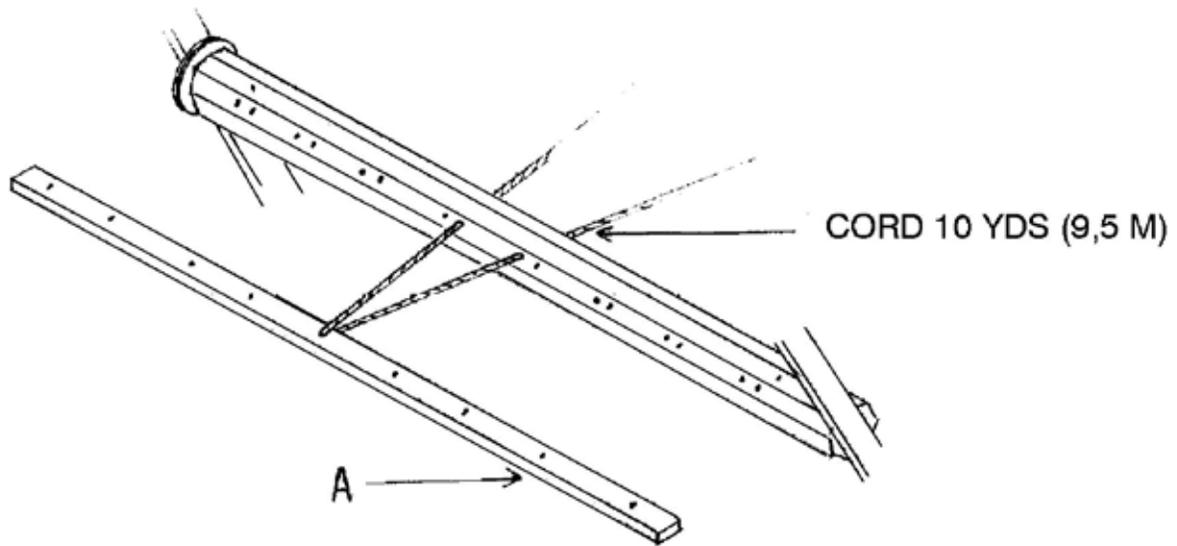


Before you start weaving, you have to install the treadle spring on the screw anchors and through the back of the treadle hooks.

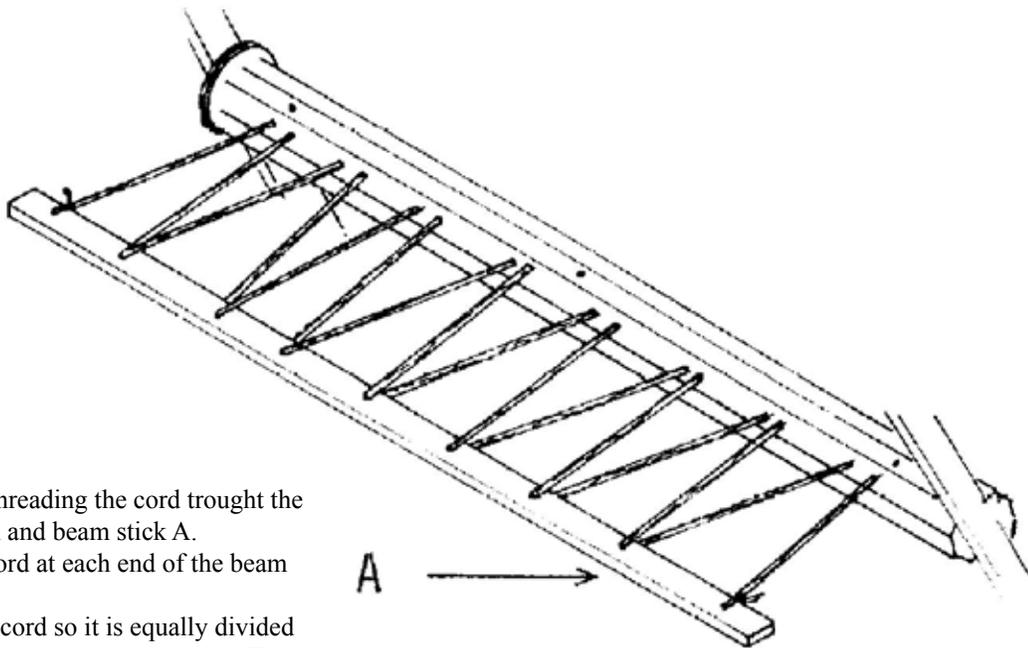
In the Treadle rest position (up) there should be no or very little tension on the Spring. However, slack on those spring cord is not desirable.

The treadle springs are there to support the weight of the treadle itself only.

BEAMING

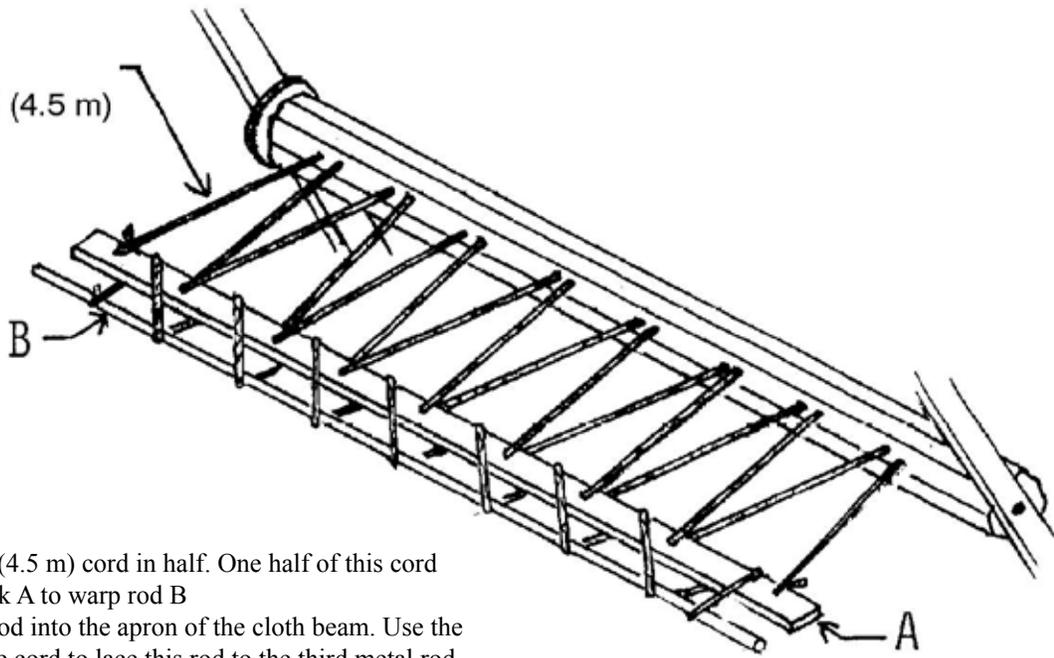


Thread the 10 yard (9 m) cord through the middle hole of beam stick A. Then pass the two ends (equal in length) of this cord through the middle holes of the warp beam.

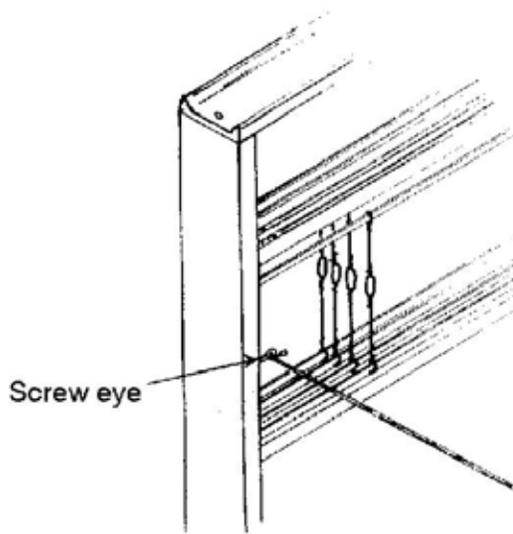


Continue threading the cord through the warp beam and beam stick A. Knot the cord at each end of the beam stick. Adjust the cord so it is equally divided and keeps the beam stick straight. This will reduce warp wastage.

Cord
1/2 of 5 yard (4.5 m)

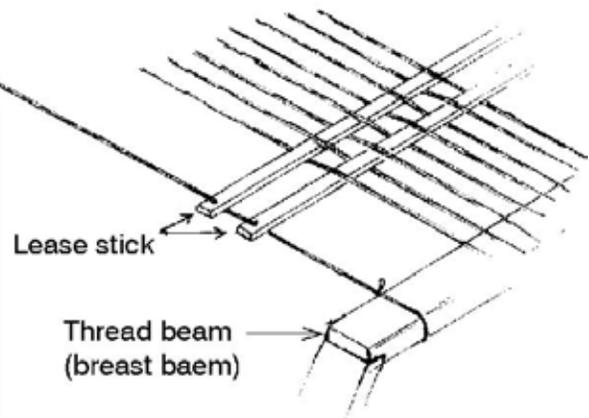


Cut the 5-yard (4.5 m) cord in half. One half of this cord laces beam stick A to warp rod B
Insert a metal rod into the apron of the cloth beam. Use the other half of the cord to lace this rod to the third metal rod.



Screw eyes have been affixed in the inner side of main post.
After having passed a string through the holes of the lease sticks, tie the ends of this string to the thread beam and to the screw eye. Do the same operation with the other end of the lease sticks.

The lease sticks will then be held at a practical height for threading



We at Leclerc encourage Weaver feedback on this and all our products. Please send your comments to Leclerc Loom Co. info@leclerclooms.com

HAPPY WEAVING