

COMPACT 24" KIT 8 SHAFTS 1023-0000

Leclerc Looms

Since 1876



1573 SAVOIE
C. P. 4
Plessisville, Qc.
G6L 2Y6

TEL: 819-362-7207
FAX: 819-362-2045

www.leclerclooms.com
info@leclerclooms.com



Loom Prepared by: _____

Inspected by: _____

Date: _____

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 page #2 of the assembly instructions. Report any discrepancies to Leclerc immediately.

To make the instructions easier to understand, letters and digits have been put after the loom and kit part names to identify the part on the illustrations.

When the letter is followed by a ', that means it is a loom part that has to be removed and replaced by a kit part.

When the letter is followed by a *, that means it is a kit part that has to be installed on the loom.

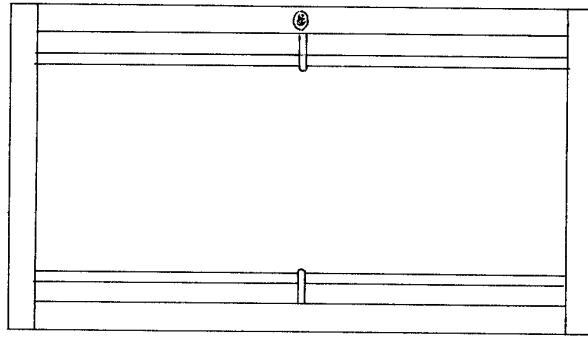
When the letter does not have any sign after it, that means it is a 4 shaft loom part which will stay on the 8 shaft loom.

When we talk about right or left hand side parts, and front or back parts, it always refers to an upright loom seen from the front position.

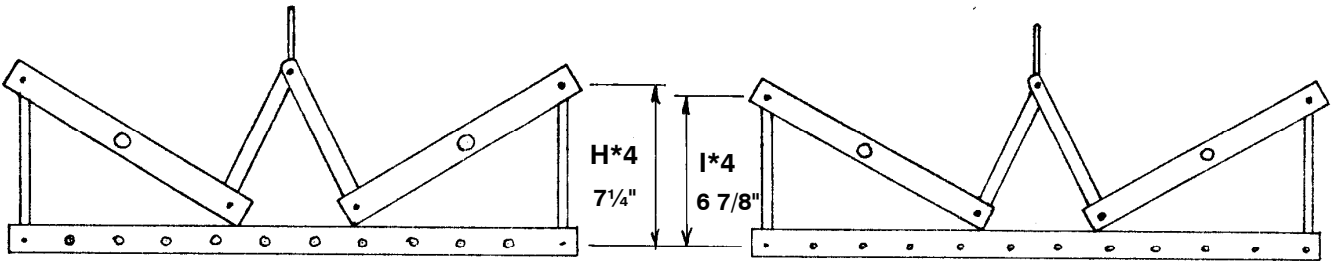
The beater is not illustrated but it may remain on the loom during the conversion.

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

PARTS AS SHIPPED



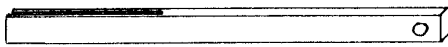
4 Shaft Frames



2 jack systems with long iron fittings

2 jack systems with shorter iron fittings

Note for Leclerc in French :
Enfiler les rondelles 3/16"
dans chaque cordes et
attacher par paquet de 12
cordes,



4 treadles



36 treadle cords 9" with washers 1/8" X 3/16"



4 Exagonal nuts 10-24



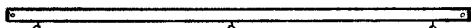
10 washers 3/8" (10mm)



2 washers 5/16" (8mm)



4 push nuts 5/16" (8mm)



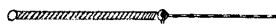
1 Wooden bar with 3 eyelets (28 3/4")



1 Metal rod to hook the springs (27 1/2")

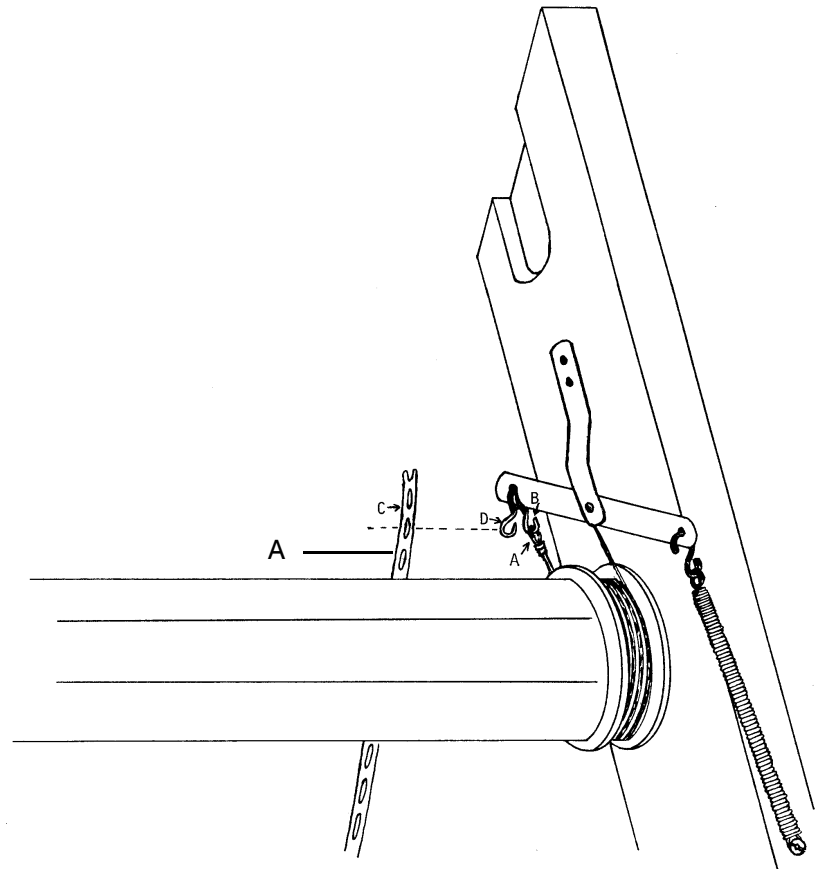


1 multi bits screwdriver with loop

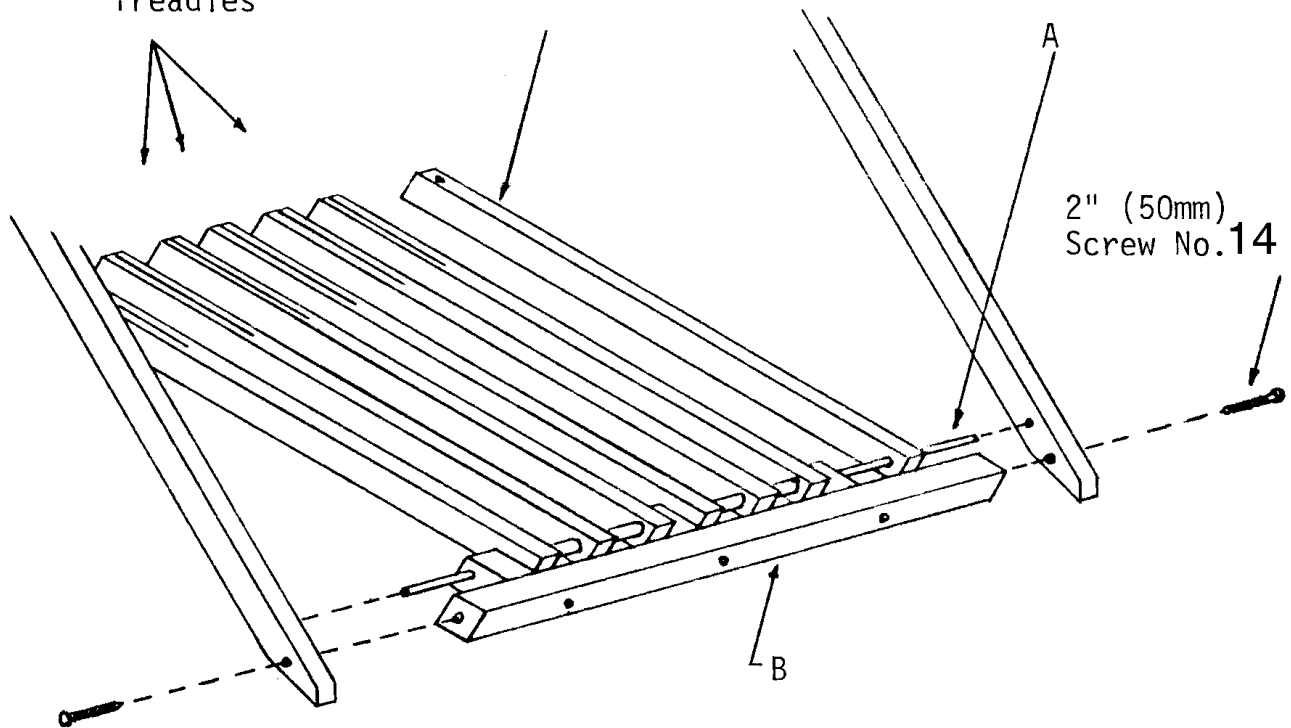


10 springs with loop cords (8")

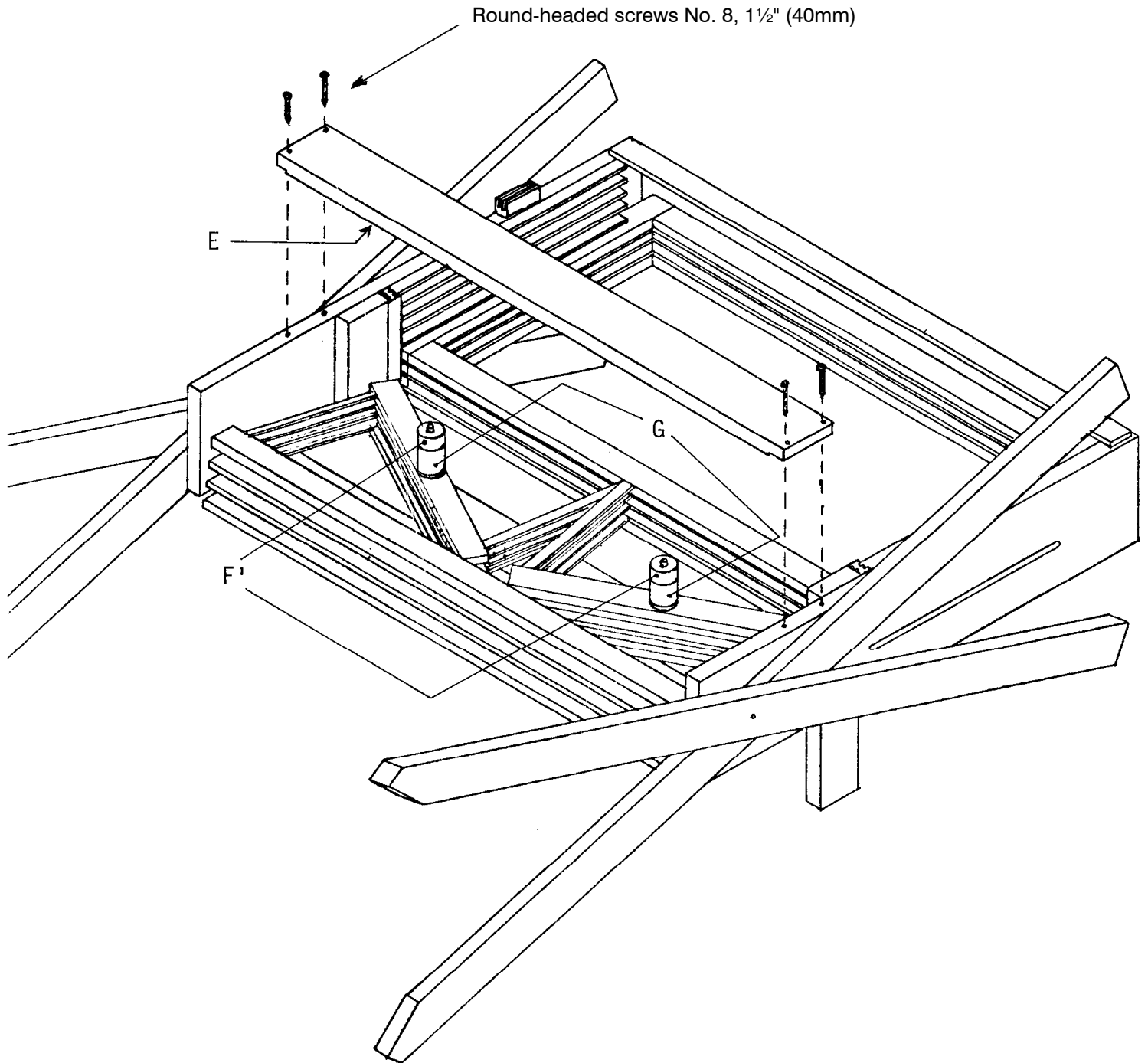
Unhook the brake cord A



Treadles



Remove the two (2) (50mm) round-headed screws No. 14 that hold the treadle cross-member B, and spread the two (2) front legs out in order to disengage the treadle rod C. Remove the treadle set.

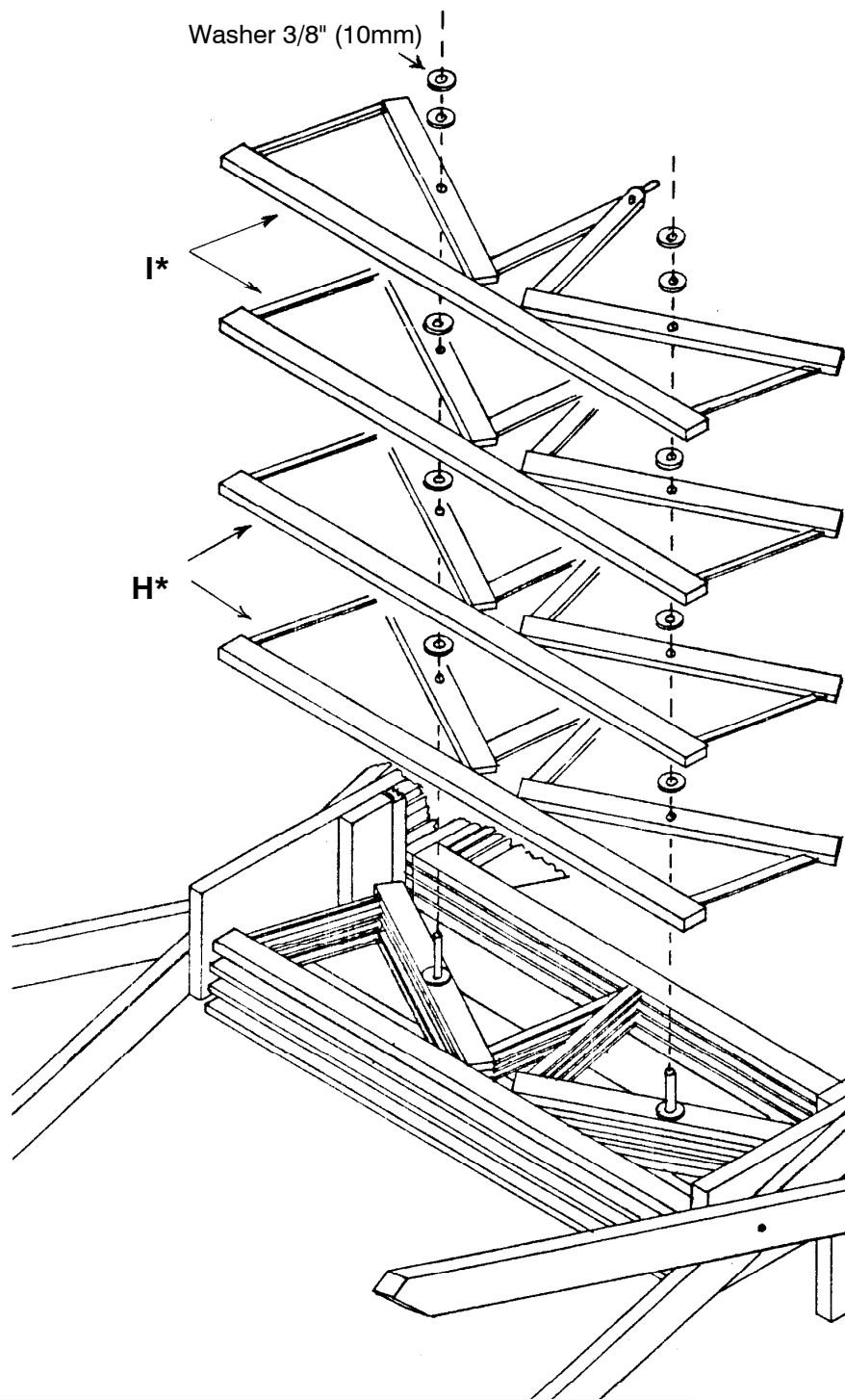


Fold the loom and lay it down on its front breast beam.

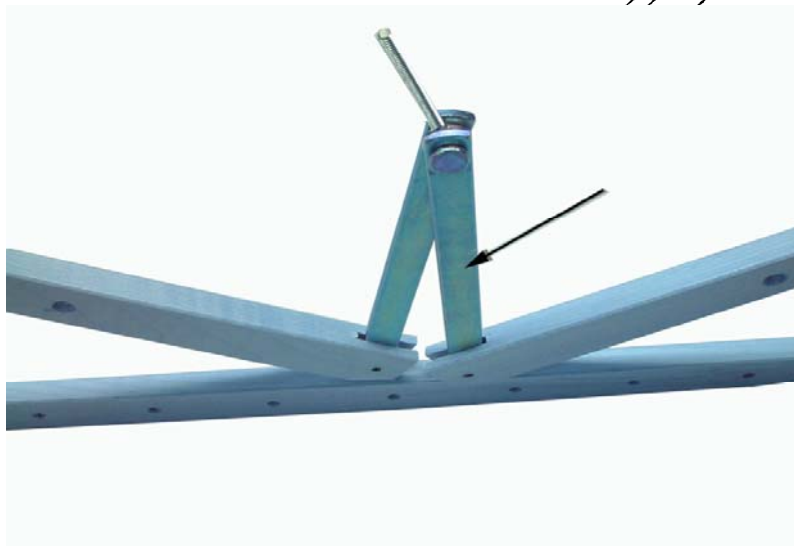
Remove the four 1 1/2" (40mm) round-headed screws No. 8 that hold the rear jack box board E and remove the board.

Take off the two (2) round pieces of wood (short) F' and the two (2) round pieces of wood (long) G but leave the steel washers in place.

Save the long round pieces of wood for the treadle set.

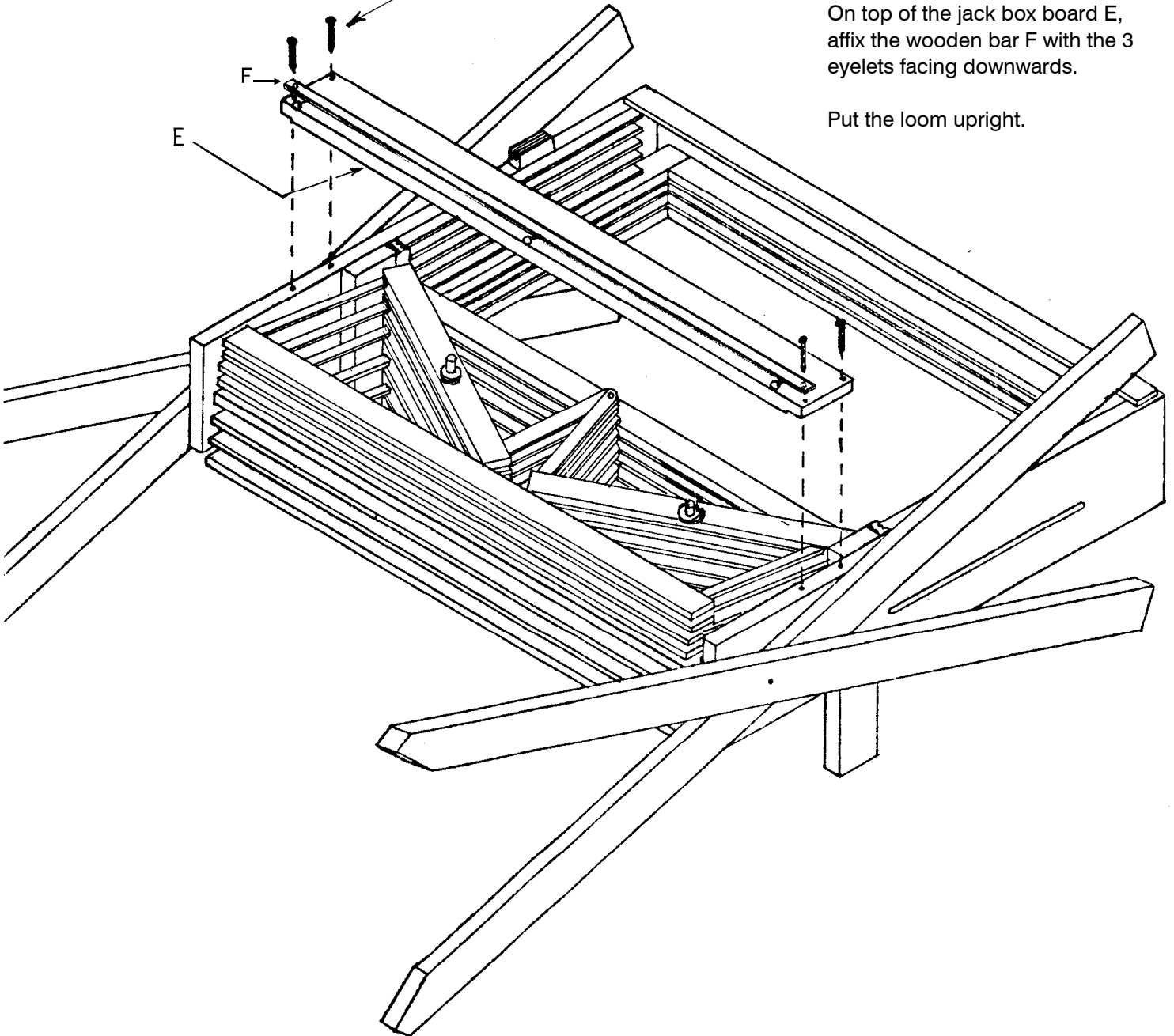


Place successively, the two (2) jack systems with the long iron fittings H*, and then the two (2) jack systems with the shorter iron fitting I*.
 Put washers 3/8" between each jack system.
 Finish by placing two 3/8" (10mm) washers on each rod.



It is very important that all the jacks' flat metal connections are installed the same way on all shafts. The right piece should be in front of the left piece as shown in the picture. Check each connection from shaft 1 to shaft 8 while standing at the front of the loom.

Round-headed screws
No. 8, 1½" (40mm)

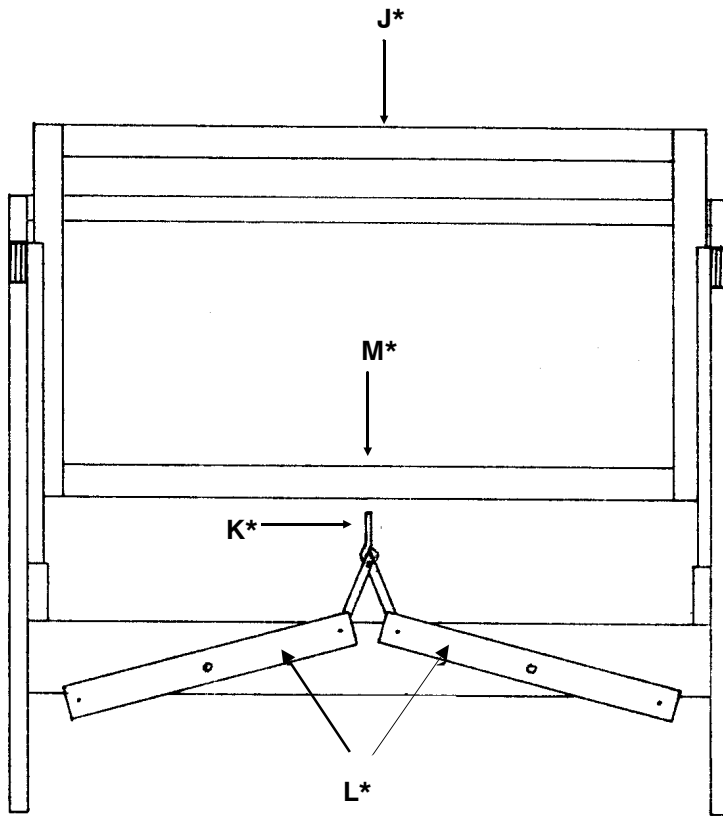


Reinstall the rear jack box board E with the four 1½" (40mm) round-headed screws No. 8.

Note: The two (2) holes in the inner side of the jack box board must be facing downwards.

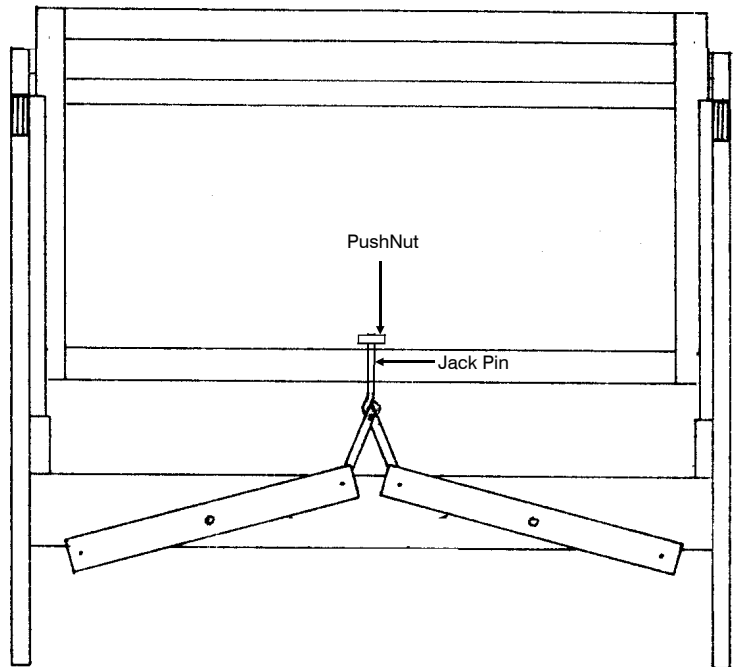
On top of the jack box board E, affix the wooden bar F with the 3 eyelets facing downwards.

Put the loom upright.



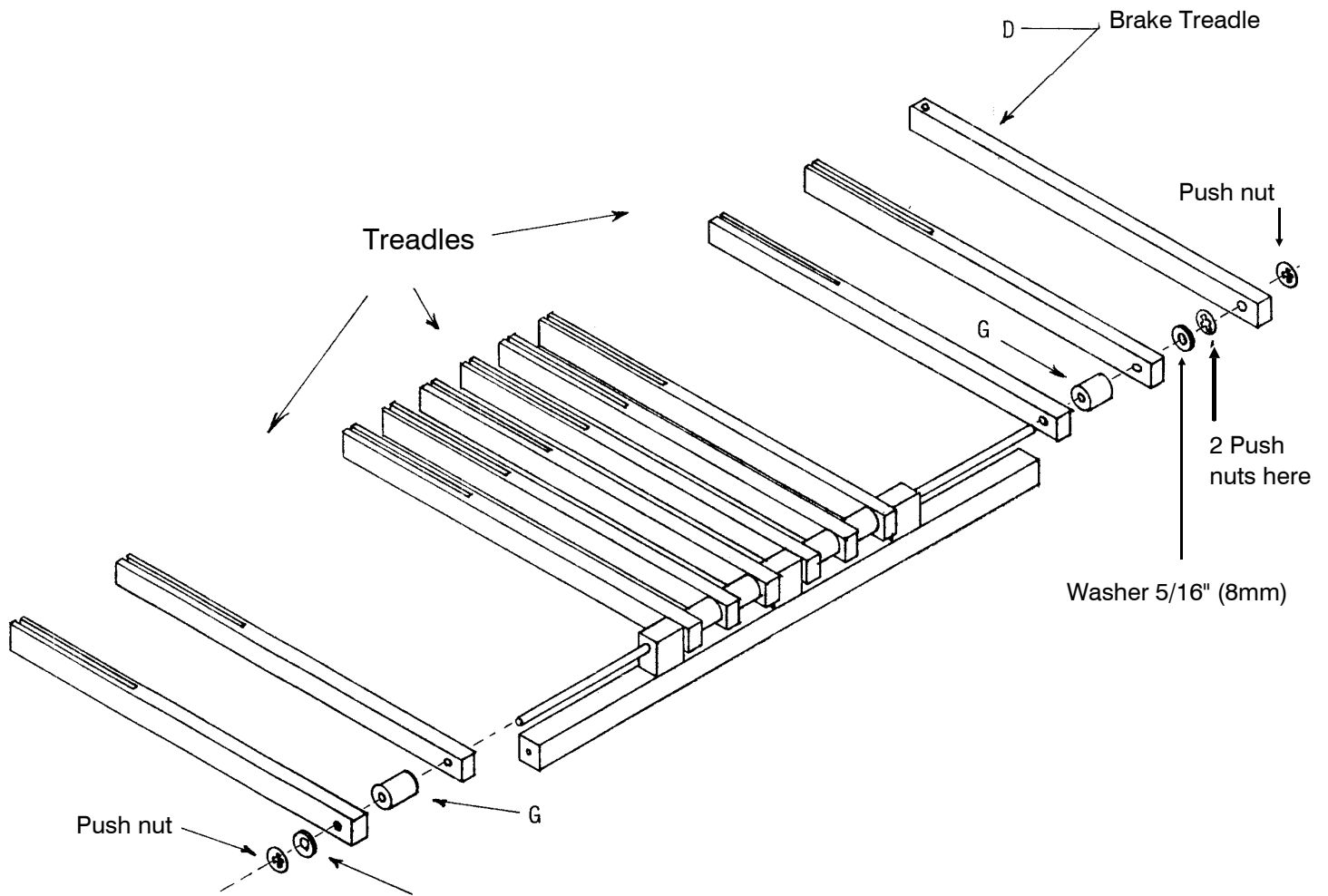
Install each of the four (4) shaft frames J* by inserting the jack pin K* (which joins the jacks L* together) into the central hole of each shaft frame M*.

On this loom we recommend that you lock the Jack pin to the shaft frame using a small push nut. Even if we supply spare push nuts, avoid removing the shaft frames from the loom.



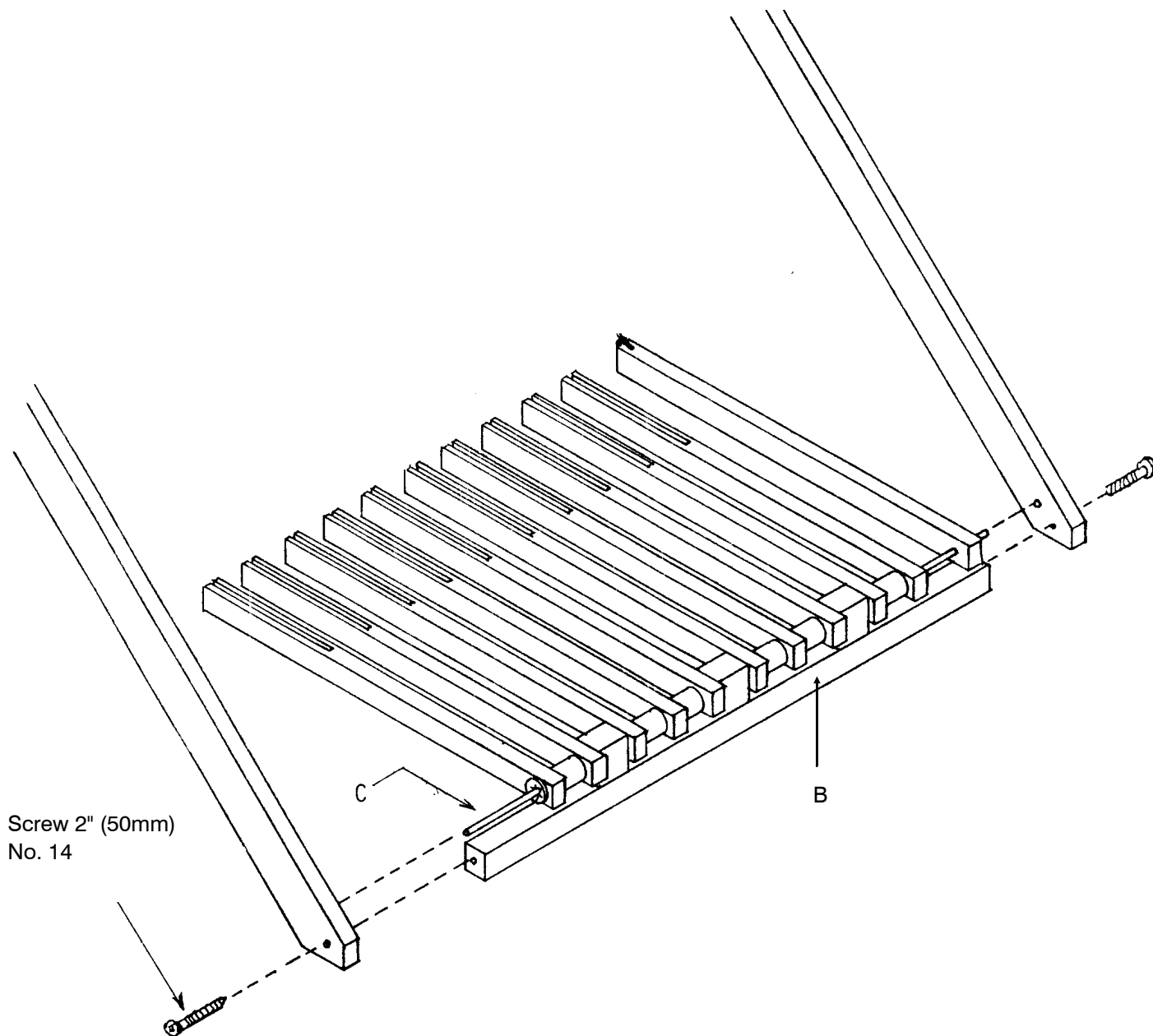
TO INSTALL HEDDLES:

Disconnect the center of both heddle supports of a shaft frame and take it out of the end frame by bending it. For more information, see the book supplied with the loom "Warp & Weave".

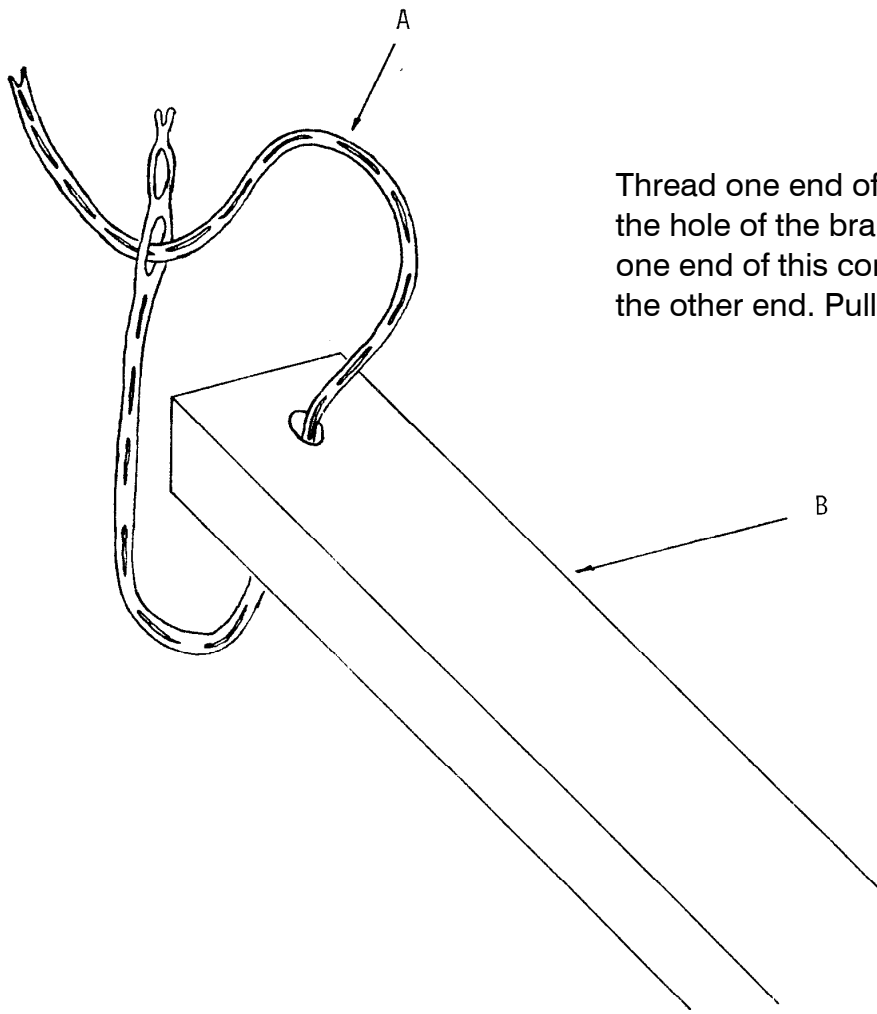


Assemble the treadle set. The brake treadle must be on the right side.
 Put one push nut on the left side of treadle no 10 and one after the washer on the right side of treadle no. 1.
 Put one push nut each side of the treadle brake to fix it in the middle of the space between treadle No. 1 and the frame post.

Note: The treadle spacers are the long round pieces of wood from the old jack box.



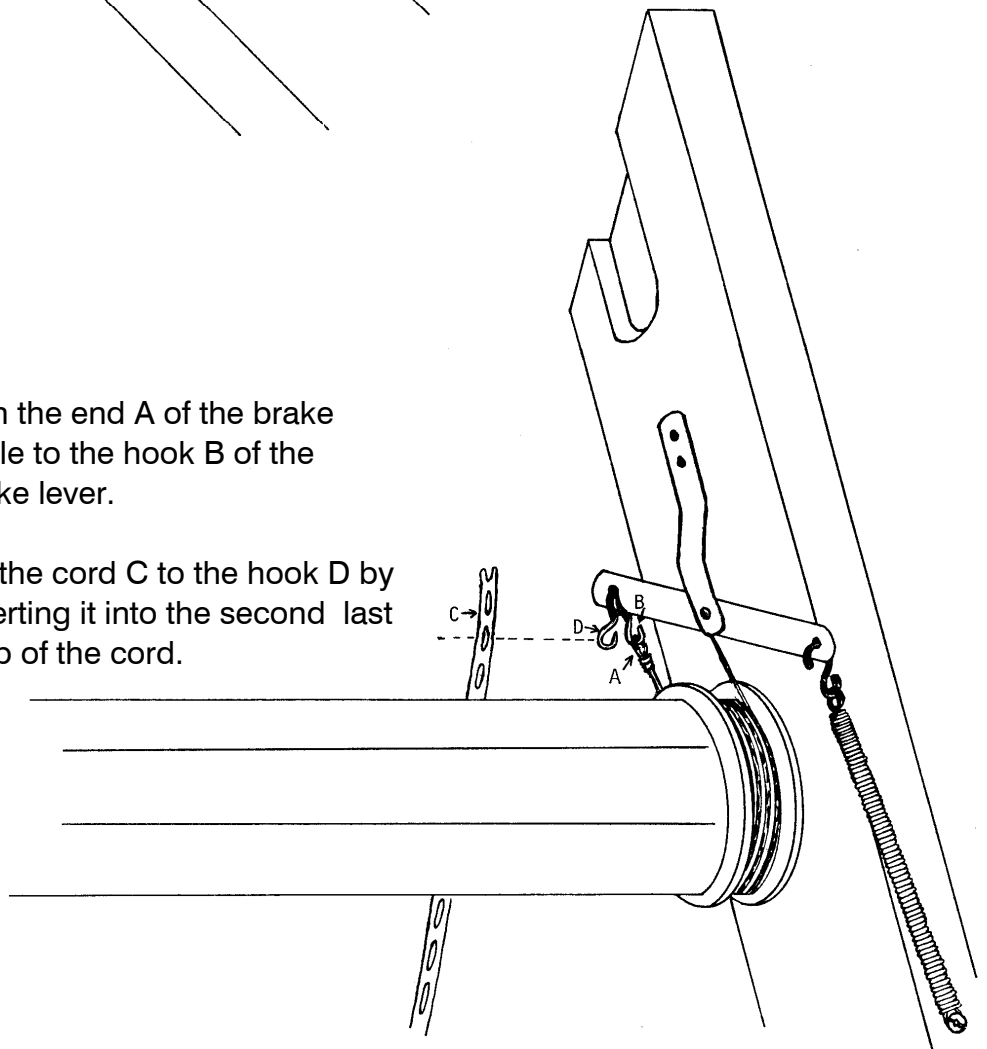
Place the treadle set between the two (2) front legs by spreading them out slightly, so that the ends of the treadle rod C fit between the legs.
Fix the treadle cross-member B with two (2) (50mm) round-headed screws No. 14.



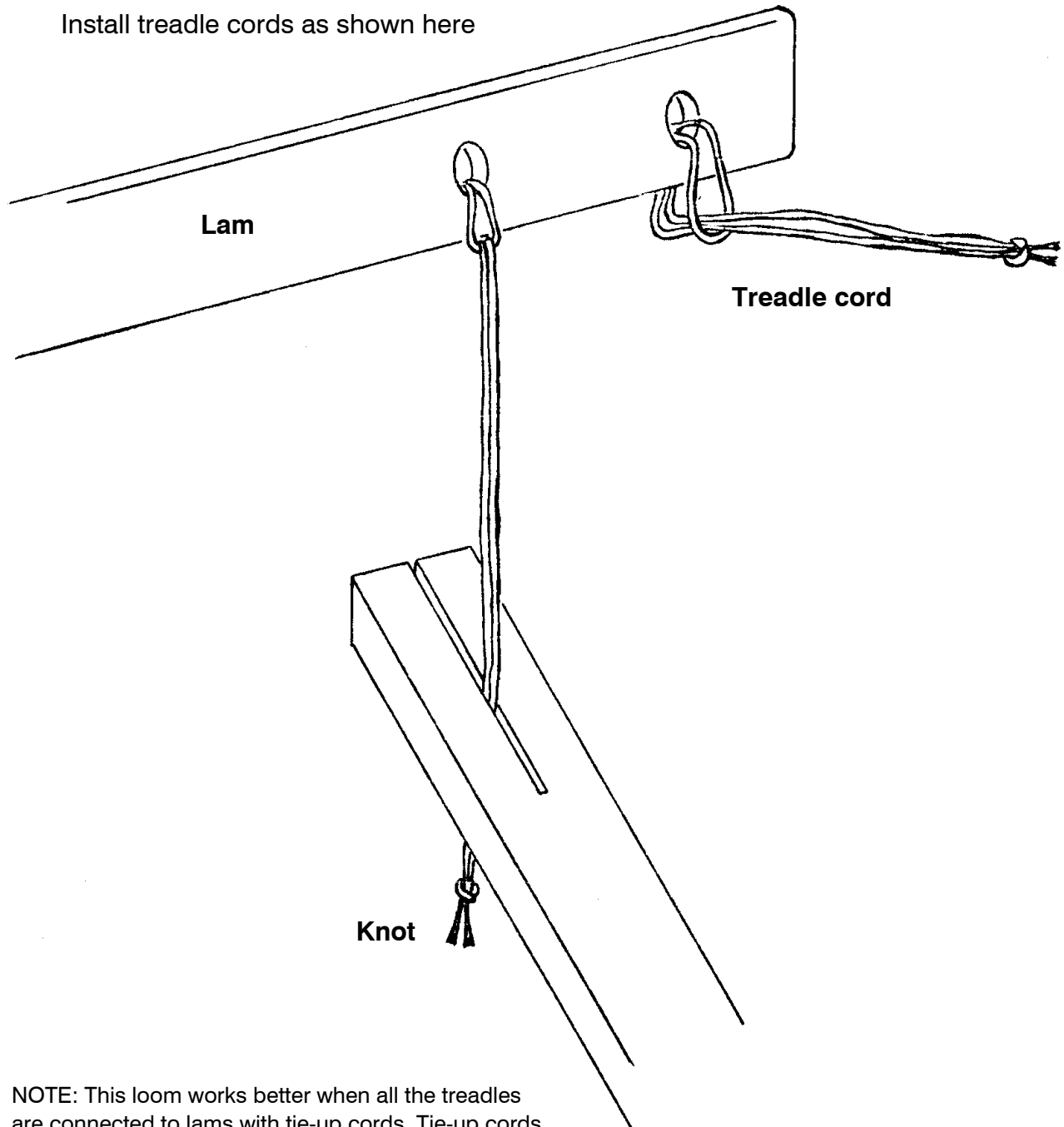
Thread one end of the loop brake cord A into the hole of the brake treadle B, then thread one end of this cord into the second loop of the other end. Pull so that it makes a knot.

Join the end A of the brake circle to the hook B of the brake lever.

Fix the cord C to the hook D by inserting it into the second last loop of the cord.



Install treadle cords as shown here



NOTE: This loom works better when all the treadles are connected to lams with tie-up cords. Tie-up cords prevent the lams from jamming as the shafts go down.

SPRING KIT

When more than 6 treadles are connected to the lams, the weight of the treadles can lift the shaft frames up or make the movement down very difficult.

To correct this you will have to install springs that will support the weight of each treadle.

Unscrew the 2 lower screws from the back jack box.

Put the Wooden board with the 3 eye screws on top of the jack box board and screw it in using the same screws.

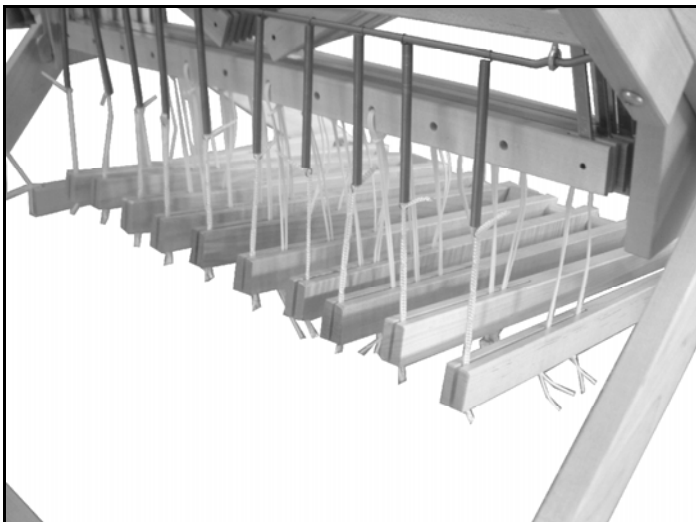
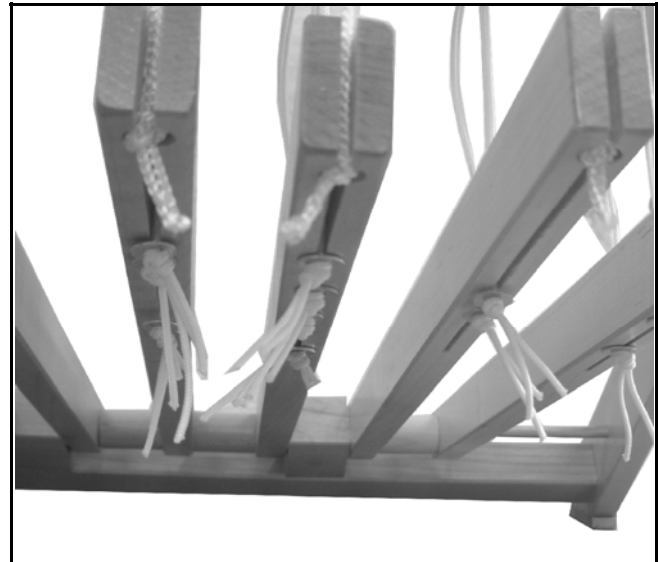
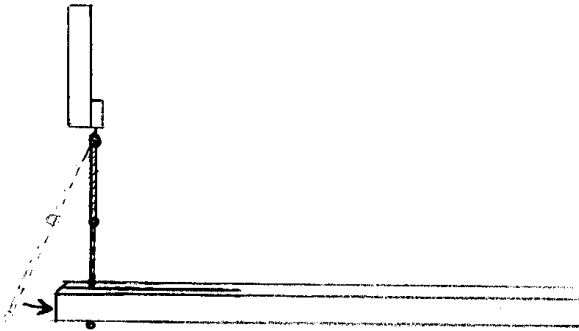
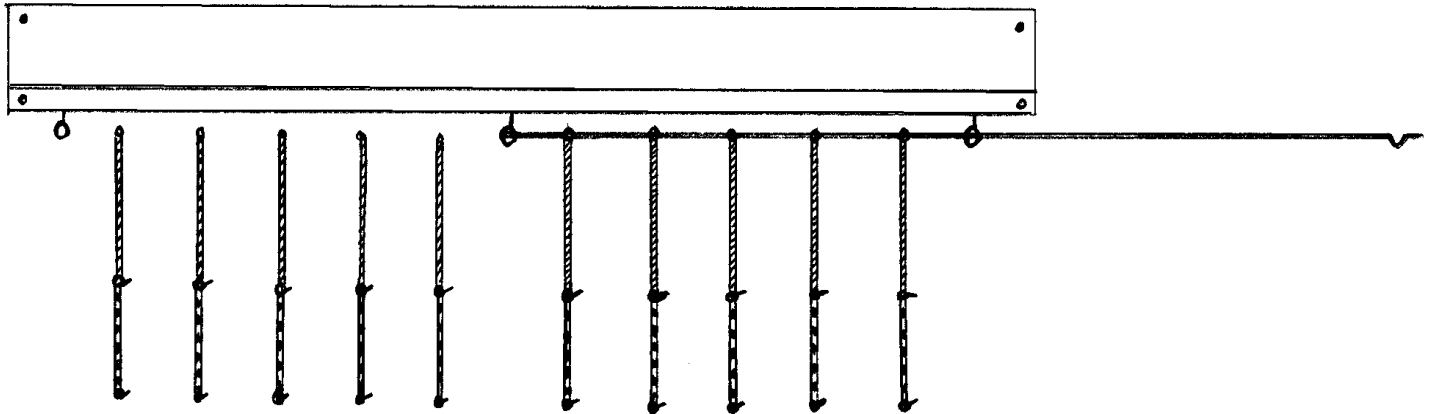
Insert the metal rod into the eyelets and place the springs between them as illustrated below.

Slide the rod until the notch is at the first eyescrew .

Make a loop cord knot so the length of the spring with the loop cord will hold the weight of the treadle.

Slide the loop cord end (knot) under each treadle. The length of the treadle spring loop cord has been preset but it is possible that you will have to change the position of the knot if the cord becomes too loose or if the treadle is too high.

It is preferable to always have a small amount of tension on the treadle spring when the treadle in the up position.



To fold the loom, release the tension by pressing the brake treadle, then loosen the plastic handles on each side of the loom and pull these upward. Tighten the handles. The loom can fold even with fabric on it.

MAINTENANCE:

In order to get the maximum efficiency from your loom, we recommend you periodically spray a lubricant (silicone) on the plastic slides on each side of the loom.

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

HAPPY WEAVING