

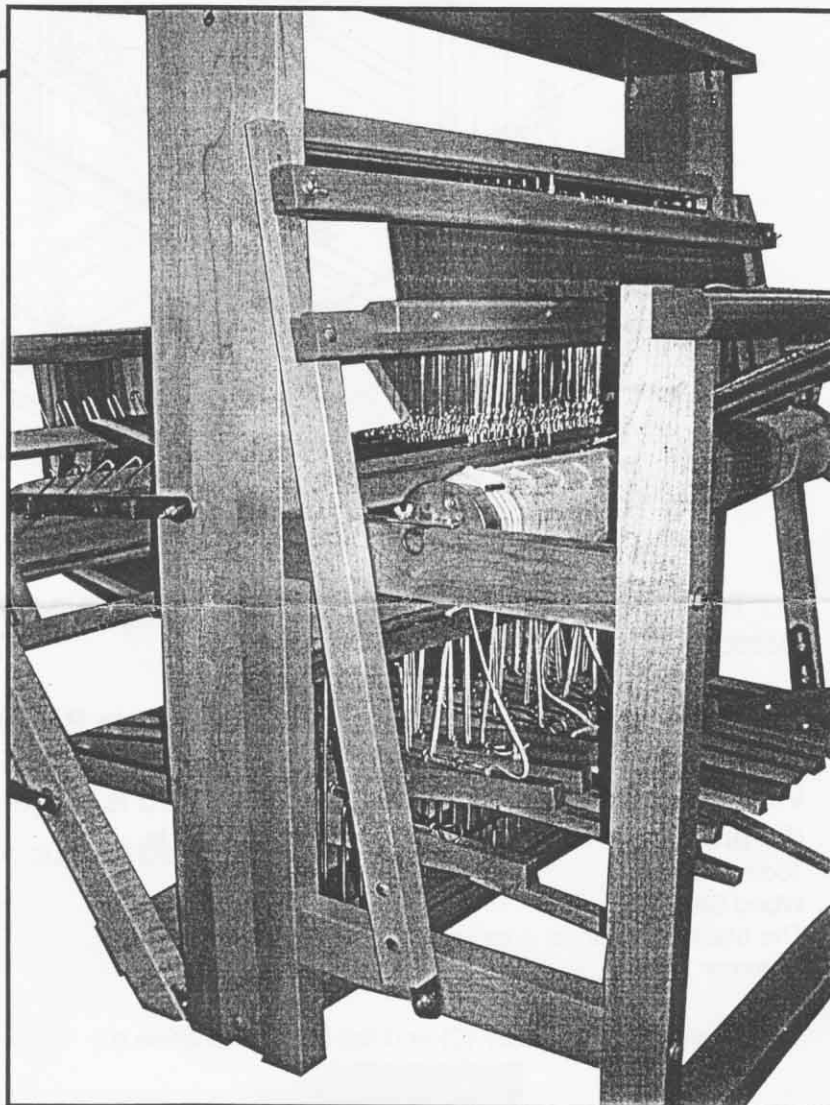
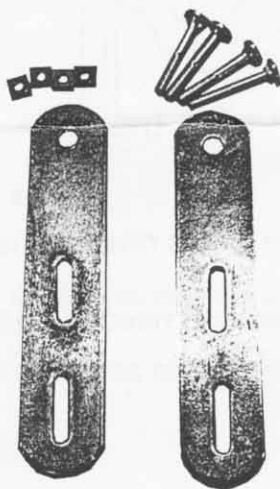
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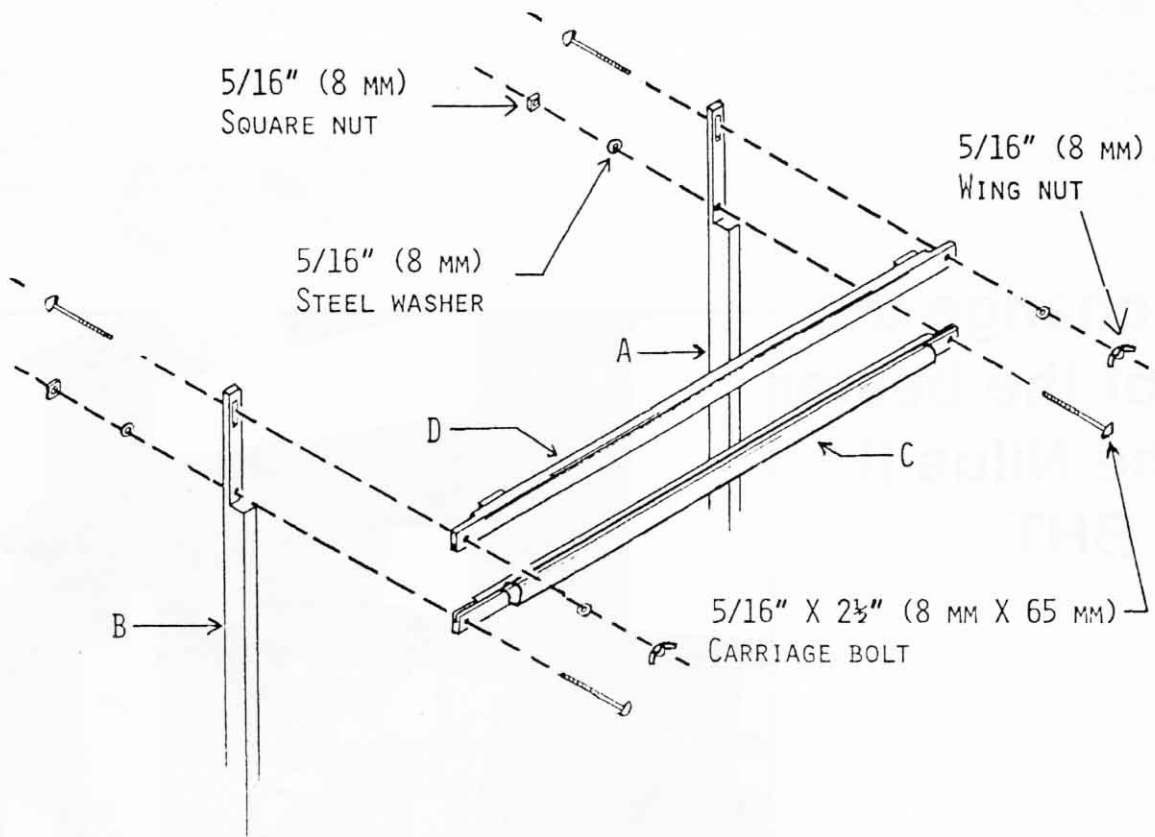
**Leclerc Looms**

Since 1876



## Kit to change the height of the beater on the Nilus II BHT





## KIT TO CHANGE THE BEATER HEIGHT ON THE NILUS II 8S BACK HINGE TREADLE October 26 2004

Our recent tests demonstrated that the Nilus II 8s Back Hinge Treadle works much better with a lower beater.

With this modification on the swords, the shed is bigger so less pressure is needed on the treadle producing less stress on the warp threads.

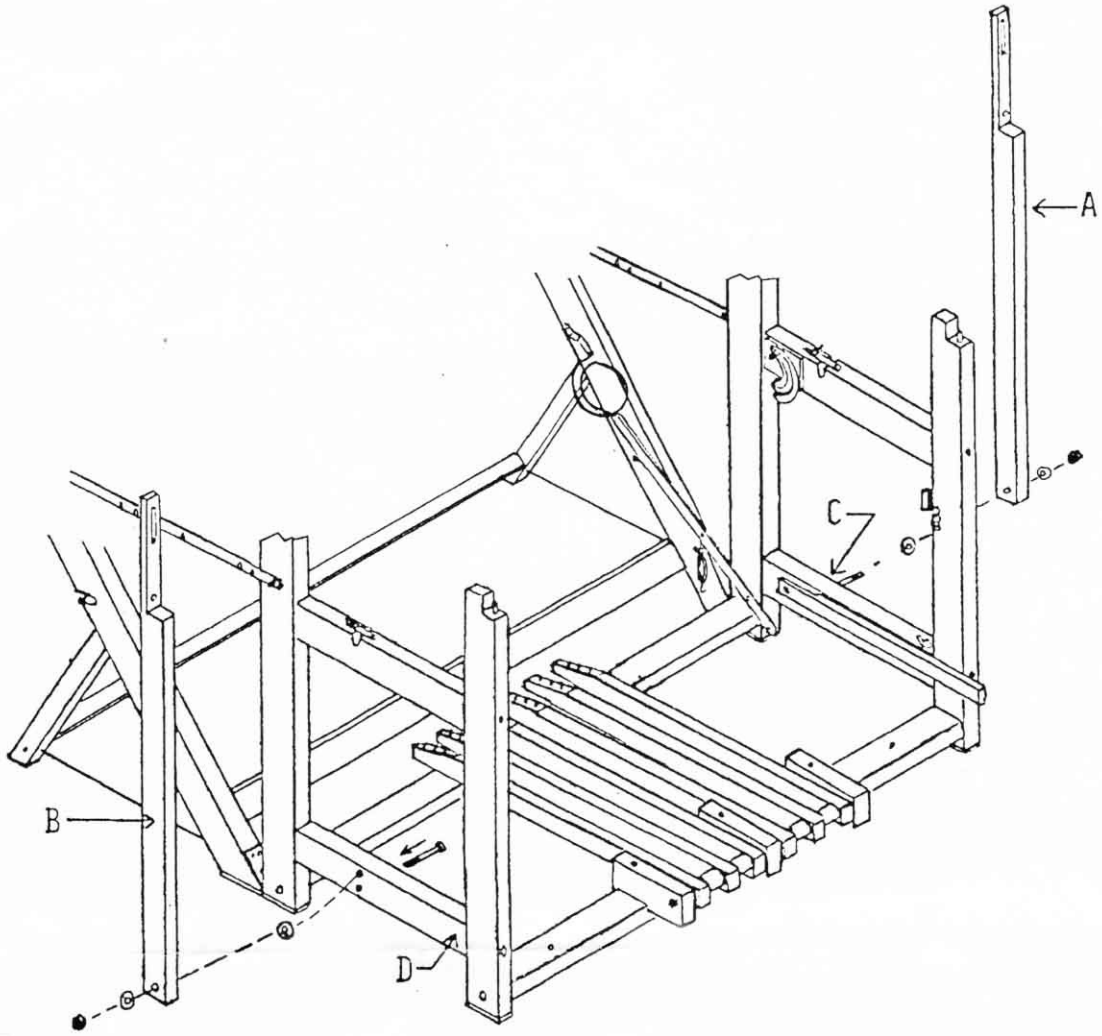
Tools needed:

Wood Saw.

The black screwdriver supplied with the loom

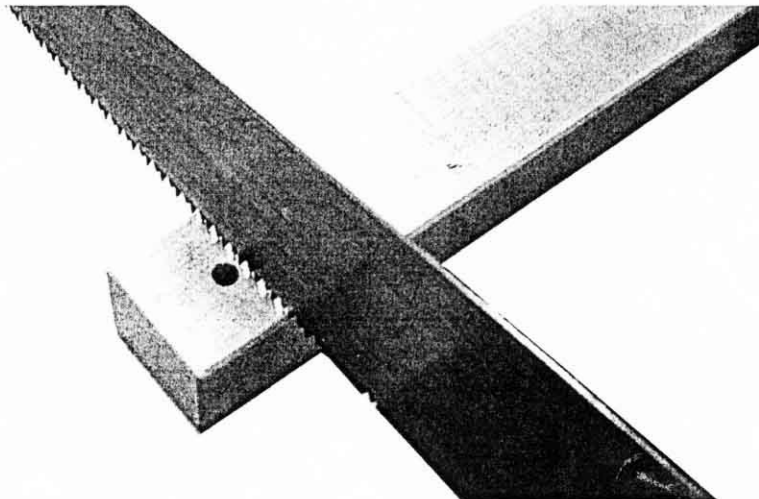
Hammer

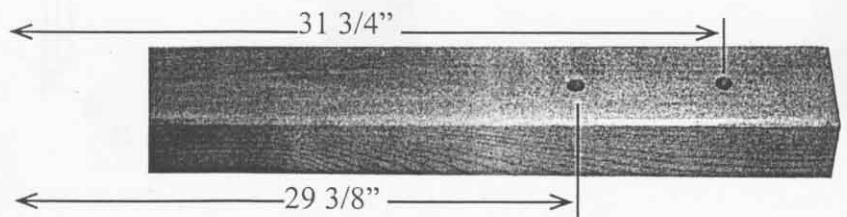
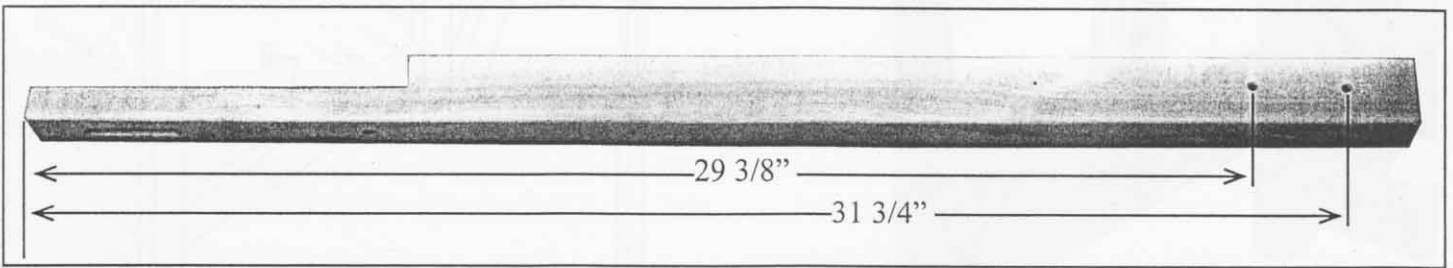
- 1) Remove the Batten Sley (C) and the Batten Handtree (D)



2) Remove the Swords from the loom.

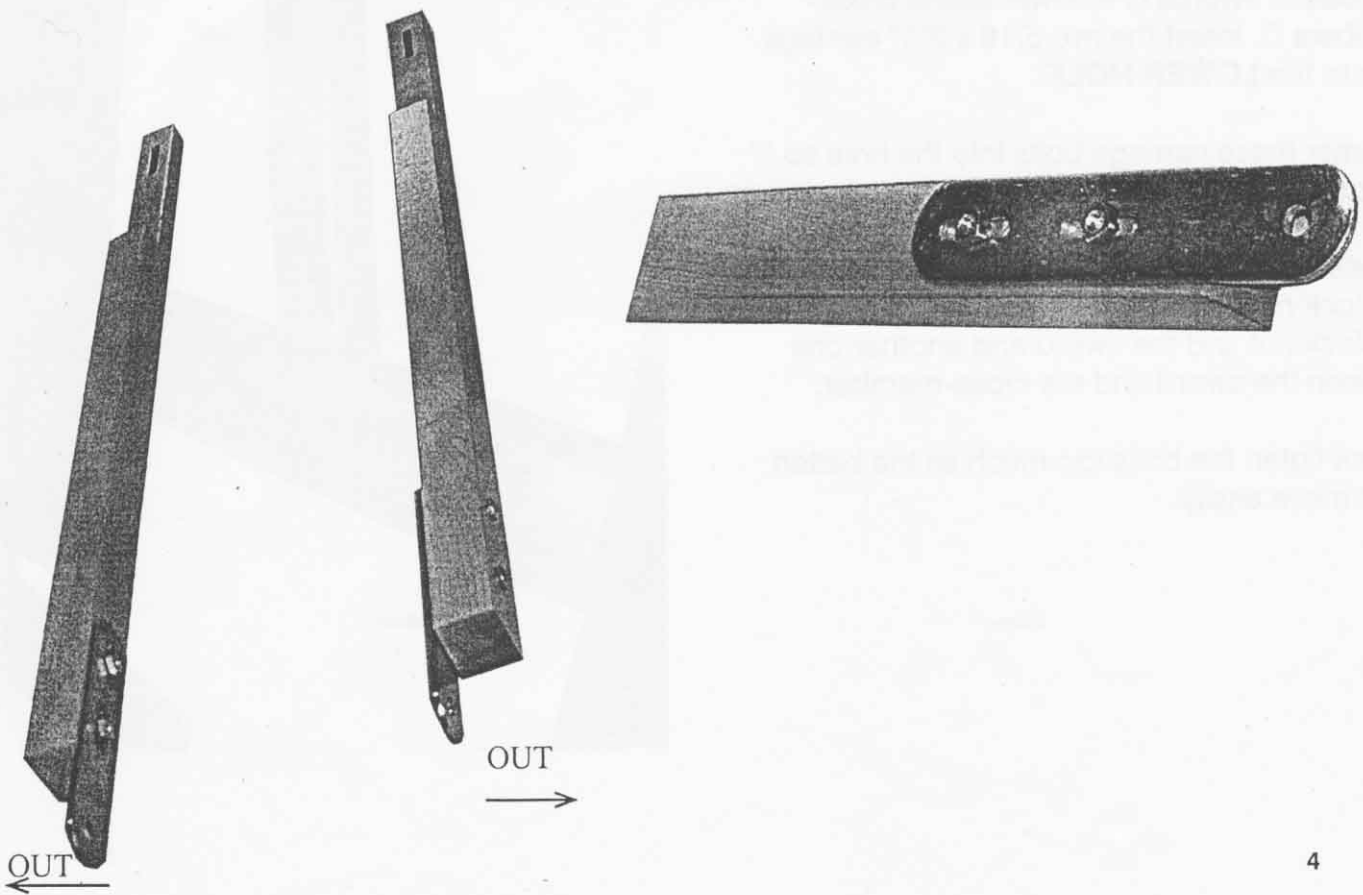
3) Put both swords on a working table and cut just over the bottom hole.

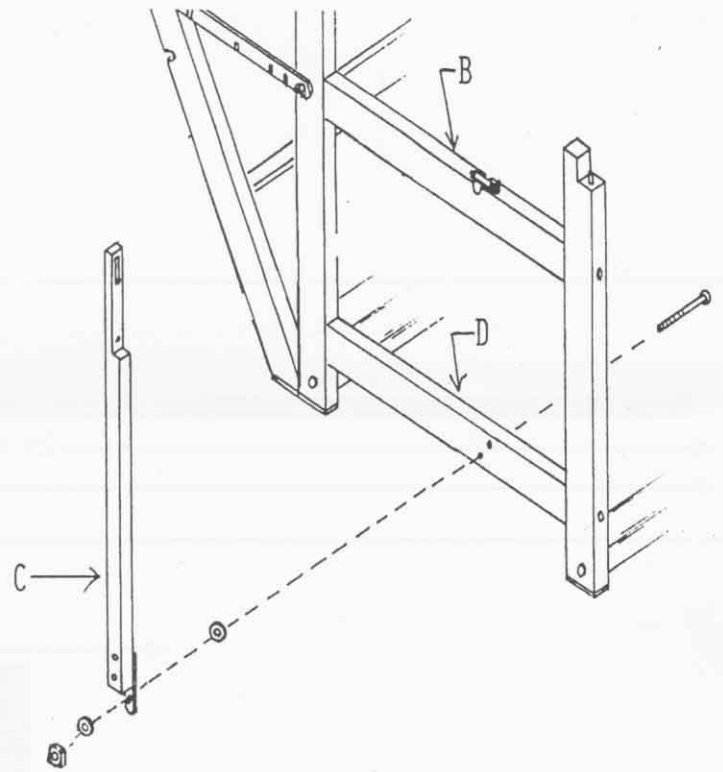
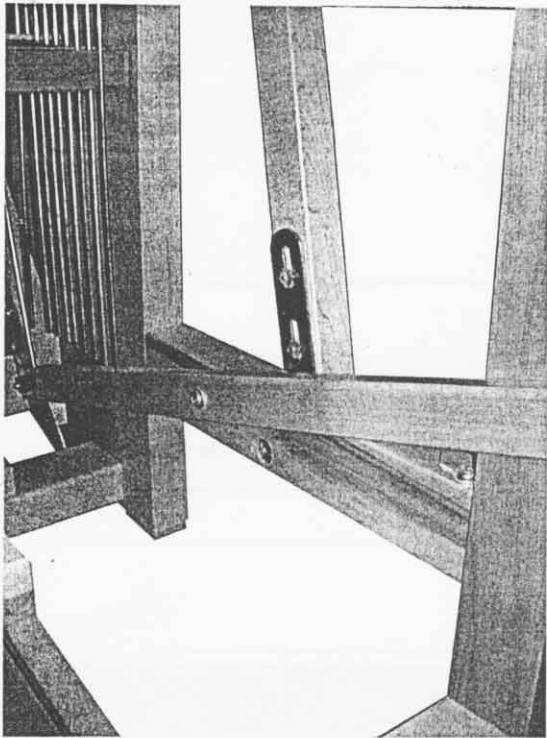




4) Make 2 holes through the whole wood piece using a drill bit  $17/64$ " as pictured.

5) Affix the kit swords plate to the inside of the swords using the Carriage bolts and square nuts supplied with the kit.



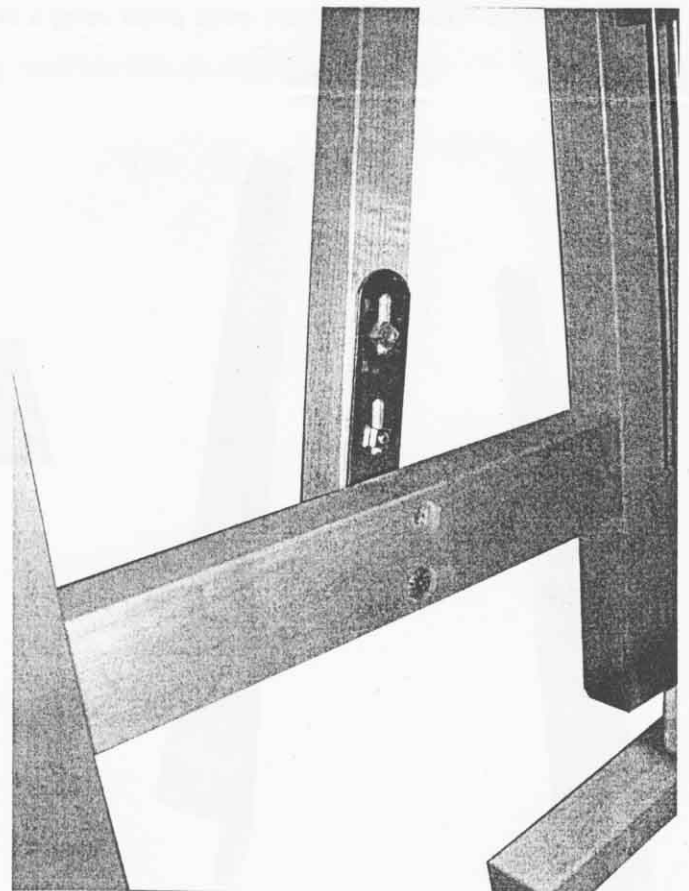


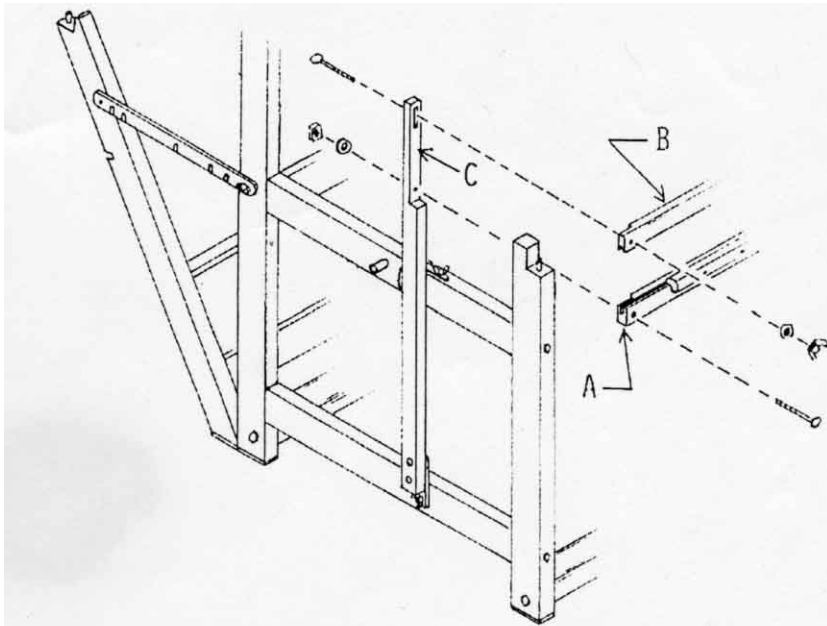
Affix batten swords C to lower lateral cross-members D. Insert the two 5/16 x 2 1/4" carriage bolts to the **LOWER HOLE**.

Hammer these carriage bolts into the hole so it will lock while you will screw in the auto lock nuts.

You also need four steel washers and two 5/16" Autolock nuts. Place a steel washer between the Autolock nut and the sword and another one between the sword and the cross-member.

Do not tighten the bolts too much as the batten must move easily.



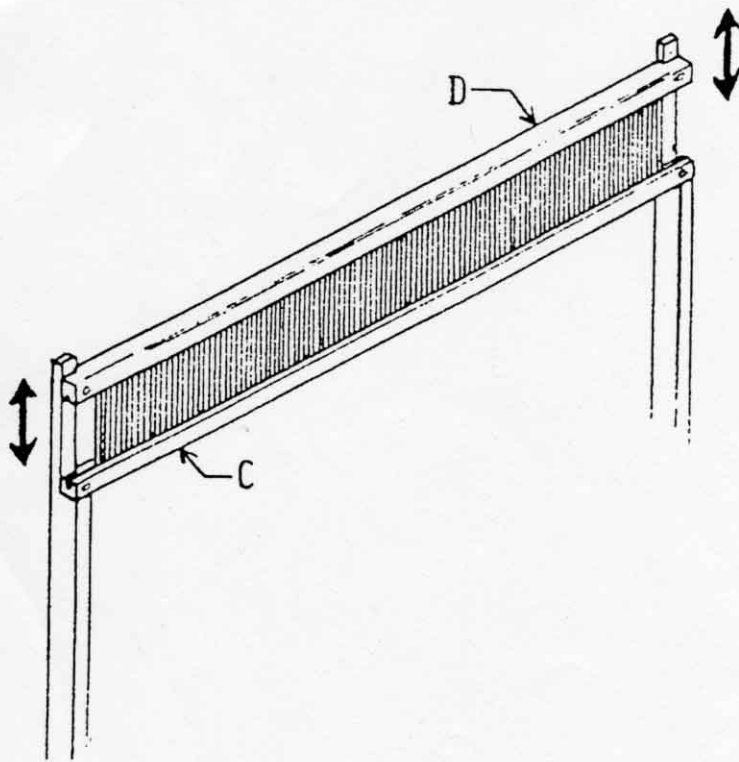


Affix batten sley A (with shuttle race) to the bottom of the batten sword grooves C. Insert a 5/16" x 2 1/2" carriage bolt into both ends of batten sley A, then into the hole at the bottom of the sword groove C. (The groove of sley A must be on the upper side.) Complete with washers and square nuts.

NOTE: When putting the Bolts back in the Batten Sley and the Handtree, the bolts for the Sley go front to back with the nuts in the back, and for the Beater Handtree they go from back to front so the Wing Nuts are in the front.

Affix batten handtree B to the slots on top of the sword grooves C. Insert a 5/16" x 2 1/2" carriage bolt into both slots of the batten sword C, then to the batten handtree. (The groove of the handtree must be on the underside.) Complete with washers and wing nuts.

To install or change the reed, slightly loosen the wing nuts and slide the batten handtree up and down.



If the batten does not touch the two bumpers equally, loosen the 4 nuts and exert pressure on the batten, centering it in its proper place. Tighten the nuts while holding the batten straight.