

7. You now have a rigid coat rack. To turn it into a loom, you must add the following...

BEAM ASSEMBLY:

8. Examine the backs of the castle posts. You will notice a series of 5/8" steel posts projecting from the backs. These posts position and hold the beam hangers which in turn hold the roller cloth and warp beams. Further you will notice a 1/2" hole either above (for bottom cloth beam) or below (for upper warp beam) on the castle posts. These holes contain a threaded piece of bronze bar stock which is set into the wood. It is threaded to receive the large allen headed bolts. Examine the ends of the beams. Stamped into the steel axle is a number or letter which corresponds to one stamped either on the face of the bronze rod in the castle post or between the steel posts or both. You will notice that one of the beam hangers is loose on the beam and can be removed, while the other is kept on by the handle. Make sure that the free beam hanger is the correct one for the beam it is on. This can be done by checking the number or letter stamped on its bottom and making sure it agrees with the one stamped on the beam and castle post. Place the free beam hanger on the axle in such a way that it corresponds to the one already on the other end, held in by the handle.

Carefully lay the loom down on its front so the steel posts project upward. Two people should now grasp either end of a beam and Gently and Evenly lower the beam hangers and attached beam onto the steel posts. This MUST be done slowly and evenly as the holes in the beam hangers must slide evenly over the steel pins in the castle posts. If it is done unevenly, you may crack or jam the beam hangers or castle posts. This is very important! Once again, you must lower the beams and their hangers onto the pins evenly so they both come up against the backs of the castle posts at the same time.

The third hole on the beam hangers should now be lined up with the threaded hole in the castle post. If they do not line up, the beam is assembled backward; remove it and reverse. Again, when you do remove the beam hangers, do it slowly and evenly so the steel pins clear the ends of the beam holders at the same time. Do not force this operation!! Insert the allen head bolt and washer. Using the supplied allen wrench, cinch it firmly down. The beams are now assembled onto the loom. Tilt the loom back onto its feet (2 people are recommended).