

## ***Warp Beam Anti-spin system***

### **READ #1 AND #2 FIRST**

Any damage to the loom will be your responsibility. There are 2 potential problems that you could encounter when installing this system.

1. First, the handle and the nut on the warp beam axle will need to be removed. On older looms the handle and especially the nut could be very tight or partially frozen with rust on the axle. (See photo) You MUST NOT TRY TO TURN THESE OFF WITHOUT HAVING A GRIP ON THE AXLE. The axle is held by a shear pin in a wood block in the Warp Beam. If you turn off the nut or handle holding only the Warp Beam you could sear the inside pin. So use a vise or a vise-grip type pliers to hold THE AXLE, then remove the handle and nut. (photo) Use penetrating oil on the nut if you think it is necessary.



2. Second, after installation of the anti-spin block, the Warp Beam might be too tight between the two arms that hold it. The Warp Beam might have a washer mounted on the end opposite the ratchet gear. If there is one **take it off**. You can also cause the two warp beam arms to swing laterally outward more by loosening the double nuts on them, letting more thread out and then re-tightening them against each other. Make sure you use two wrenches (Photo) to unlock and lock them so as not to strip the wood carriage bolt head hole on the opposite side of the leg.



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### **INSTALLATION:**

**A.** Measure 2½ inches in from the slotted end of the Warp Beam Arm bracket.

**B.** If a semi-circle is drilled into the block it goes inward toward the loom. Holding up the wood block provided put one of the included screws in each hole and tap it. When you remove the block the depressions left will be where you will need to drill 1/8" pilot holes about ¾" deep. (You will need to drill the pilot hole because you will be screwing into maple hardwood. You should also rub a little soap on the screw threads before turning each in. They might have come pre-soaped.)

**C.** Attach the block with the provided screws.

**D.** Place the washer, spring and collar on the Warp Beam Shaft. Then the original nut and handle. (**Note** on older looms the thread on the shaft is sometimes slightly bulged out and will stop the collar from sliding on. You will need to file it down so the collar can go past that point.)



### **ADJUSTMENT:**

By moving the collar tighter against the spring you will pull the ratchet gear against the wood block. You will find that you only need a little spring tension to solve the problem of the spinning beam. When you get the tension set lock the set screw on the collar with an Allen wrench.