

# Kairos Inkle Loom 'Remounting' Instructions

For UPS loom shipments, we use a smaller sized heavy duty shipping box.

We first completely assemble our looms to confirm proper fit - and then demount its feet, its tensioner knob, and its 'fingers free' shed opener and function for packing in its shipping box.

When shipping a loom, in addition to the ready-to-weave main body, you'll also find included its feet, its tensioner knob and its 'fingers free' shed opener.

It typically takes about 10 minutes to attach these four parts. It requires nothing more than a Phillips-head screwdriver - which we include free in the shipping box.

Here are the loom's contents after removing them from the shipping box. We've stored - and labeled - each 'grouping' separately so you can readily find and mount the items quickly.

(pic of unboxed items, spread and labeled)

You will remount the items in this order:

1. **Front foot** (has loom clamping slots)
2. **Rear foot**
3. Rubberized tensioner **lock knob**
4. 'Fingers Free' **shed opener**



Remove everything from the shipping box, then separate the packages of items to be remounted.







## Attach Front Foot to Loom Base

1. Open the package labeled "Feet Kit".



You'll find it includes a front foot (has the clamp slots), a back foot, a Phillips-head screwdriver, and four screws.

<p>2. Place your loom on its back side, at the edge of a table so the bottom faces you.</p> <p>If you have a clamp handy, then clamp it down to keep the loom from shifting when adding the screws.</p>		<p>This will make it easier to attach the foot.</p>
<p>3. Take one of the two provided 1.5" screws and push it part way through either of the two mounting holes in the front foot.</p> <p>IMPORTANT – be sure the slotted surface faces up when you attach this front foot.</p>		<p>NOTE: be sure to insert the screw so that its head is flat with the foot surface – there is an angled 'relief' cut at the hole's start for the head to fit.</p>
<p>4. Hold the front foot so the side with the two cut slots faces towards the loom base.</p>		
<p>5. Position the front foot with this first screw's pointed end positioned at the start of <u>either</u> of the two mounting holes at the bottom front of the loom base.</p>		
<p>6. Start the screw by hand, just a couple turns so that you know the screw has engaged the existing threads in the hole.</p>		<p>Both holes in the bottom have been pre-threaded and waxed for easiest install.</p>

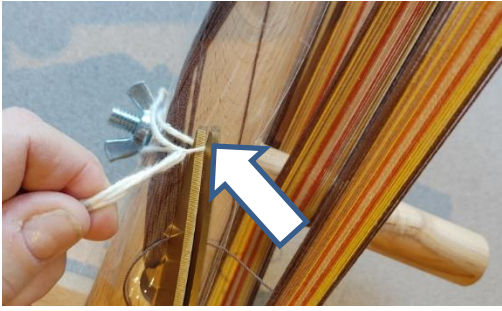
<p>7. Use the provided screwdriver to run the screw in about half way.</p> <p>This is a #2 sized Phillips-head screwdriver.</p>		<p>Not going in all the way makes it easier to 'sight' the 2nd screw into its hole.</p>
<p>8. Take the second of the two provided 1.5" screws, and push it through the remaining unoccupied mounting hole in the foot so the tip end sticks out about 1/2".</p>		
<p>9. Rotate the front foot around the first screw until the tip of this second screw lines up with the 2<sup>nd</sup> mounting hole in the bottom of the base.</p> <p>And as you did for the first screw, start this 2<sup>nd</sup> screw into its threaded hole – by hand.</p>		
<p>10. Use the screwdriver to run both screws in until fully seated.</p>		<p>HOW TIGHT? Tighten until you feel firm resistance, then turn about 1/4 of a final turn.</p>
<p><b>You are now ready to remount the back foot</b></p>		



## Attach the Back Foot

<p>1. Attach the back foot using the same method as you used for the front foot.</p> <p>NOTE: The only difference between the two feet is that the front foot has slots cut in its top surface for the hold-down clamps.</p>		
<p><b>You are now ready to remount the tensioner lock knob</b></p>		

## Attach Tensioner Lock Knob

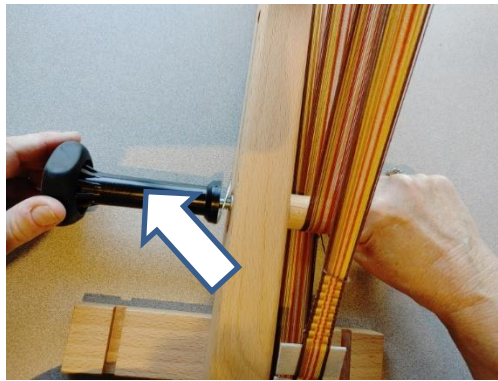
<p>2. Position your loom so that it is upright, resting on its feet, with the front facing you (in the position when you would be weaving with it).</p>		
<p>3. Cut the string that has held the tensioner during shipment.</p> <p>If you leave the string attached, then the tensioner will twist on you when you remove the shipping wing nut.</p>		<p>NOTE: The tensioner is still held in place by a with a temporary wing nut – used during shipping to maintain tension on the pre-warp yarns.</p>
<p>4. Have the tensioner lock knob at hand, so that you don't have to go reaching for it during this following action.</p>		
<p>5. Notice that the tensioner is tensioned, pulling against the pre-warped threads – a 'wing nut' on the back side of the tensioner bolt pulling the tensioner tight against the loom's base.</p>		

6. With your right hand, lightly hold the tensioner peg (on the right side of the loom) – then remove the wing nut with your left hand.



NOTE: Be aware that as soon as you loosen the wing nut the tensioner will slide backwards, creating some slack in the warp yarns. You'll re-tension in just a moment.

7. Thread the tensioner lock knob onto the end of the tensioner bolt initially until snug.



(for Inkle Pro model)



(for Skagit model)

NOTE: The picture to the top left shows the Inkle Pro model tensioner knob being threaded on – it is longer than the Skagit model.

If you have purchased the Skagit model the tensioner knob will be the same size as the shed opener lock knob (picture at the lower l

eft).


<p>8. Now re-tension the warp yarns.</p> <p>First, loosen the tensioner lock knob – just enough that the tensioner slides ...</p> <p>then pull back towards yourself while holding both tensioner peg on the right and tensioner knob on the left, until you have a tight warp ...</p> <p>then tighten the tensioner knob sufficient to prevent the warp from pulling the tensioner and loosening the warp.</p>		
<p><b>You are now ready to remount the 'Fingers Free' shed opener</b></p>		

## Attach the 'Fingers Free' Shed Opener

1. Have the shed opener pieces right at hand, so that you don't have to go reaching for them during this step.

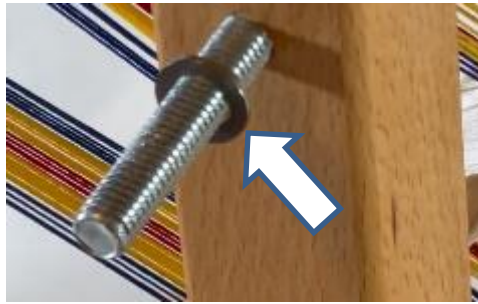


- Shed opener pivot bolt
- Shed opener
- Two thin shims (washers)
- Rubberized lock knob

<p>2. Position your loom so that it is upright, resting on its feet, with the front side facing you (side with all the pegs).</p>		
<p>3. Start by inserting the <u>shed opener pivot bolt</u> through the matching hole in the front (right side) upright – just until the head gets close to the squared opening.</p>	 <p>(missing pic of bolt going into hole)</p>	
<p>4. Rotate the bolt until its square part – just under the bolt’s head – lines up with the squared opening to the mounting hole in the upright...</p> <p>... then push bolt in until the metal square section under the bolt head fits entirely into the squared start at the wood mounting hole.</p>	<p>(pic)</p>	<p>NOTE: when you are pushing the bolt its final distance – where the squared section under the bolt head fits into its matching squared start to the mounting hole – it can be a tight fit. You might find the need to have a hammer at hand to tap as needed to ‘seat’ the bolt into the squared hole entrance.</p>



5. At the other end of the bolt – on the left side of the upright – slide one of the two available thin shims onto the bolt, and up against the upright.






**IMPORTANT:** This special shim is **essential** for the shed opener to pivot freely. If missing, the shed opener will rub against the upright.

6. Still working on the left side of the loom, before sliding shed opener onto its pivot bolt, position the shed opener so that the shed opener's **two long pegs trap all** the unheddled warp threads



Two 'Fingers'  
Trap  
Unanchored  
Warp Yarns

<p>7. Without losing the two long fingers' trapping position, slide the shed opener onto its pivot bolt, and push it up against that thin washer that you had just previously positioned against the wood upright.</p>		
<p>8. Slide on the remaining – outer – thin washer over the pivot bolt, and push it up against the installed shed opener.</p>	 <div data-bbox="878 835 1088 940" style="border: 1px solid black; padding: 2px;">Slip On Outer Washer</div>	
<p>9. Thread the rubberized lock knob onto the pivot bolt, spin it up until it is against the shed opener.</p>	 <div data-bbox="1096 1241 1305 1346" style="border: 1px solid black; padding: 2px;">Remount Lock Knob</div>	
<p>10. Tighten the lock knob just enough so it is lightly snug against the shed opener, which itself is against the wood upright.</p>		<p>Never any need – and nothing to be gained – by over-tightening the lock knob.</p>

# You are now good to go!