

MIGHTY WOLF LOOM™

FL3002 FL3014
FL3004 FL3022
FL3012 FL3024

ASSEMBLY INSTRUCTIONS

PARTS

Wrapped onto warp beam:

- 3X apron bars
- 2X lease sticks (with holes)
- 2X additional 37" dowels (cherry looms only)

Accessory pack:

- 1X brass reed hook
- 1X warp beam crank handle
- 14X 29" apron cords (or 2X 30-foot apron cords for cherry looms only)

- 1X 3/8" cap nut for warp beam crank handle
 - 1X 3/8" washer for warp beam crank handle
 - 3X extra 8/32" hex nuts for shafts
- Maintenance and Warranty Manual

4-shaft looms:

- 800X heddles
- 24X tie-up cords

8-shaft and 4 Now-4 Later looms:

- 1000X heddles
- 80X tie-up cords

BEFORE YOU BEGIN

- All Wolf looms assemble in a similar way. Watch the Baby Wolf assembly video on our Youtube channel (www.youtube.com/user/schachtspindle).
- You'll find a complete labelled diagram of the Wolf loom in your Maintenance and Warranty manual and at schachtspindle.com.
- Wolf loom legs are called out by where they cross each other. The legs that touch the ground at the front of the loom are called "inside" legs because they are covered by the "outside" legs when they cross at the loom center.
- The beater is at the front of the loom. The brake is on the right side of loom.

UNFOLDING THE LOOM

1. Remove all plastic wrap from the loom. Remove both shipping braces by slightly loosening the back beam knobs and front beam screws holding them in place. Discard the braces and tighten the knobs and screws.

2. Slightly loosen the black fold knobs on each side of the loom (Figure 1). Generally, a single turn will do.

Loosening the knobs all the way or removing them can cause the loom to collapse, which could result in injury.

3. Stand at the side of the loom. Hold the front and rear beams together slightly. Pull the slide lock bars out toward the back of the loom.

4. Continue holding onto the front and rear beams and allow the loom to unfold all the way. If there is a warp on the loom, you may need to hold down the brake release pedal with your foot to loosen the warp as you unfold the loom.

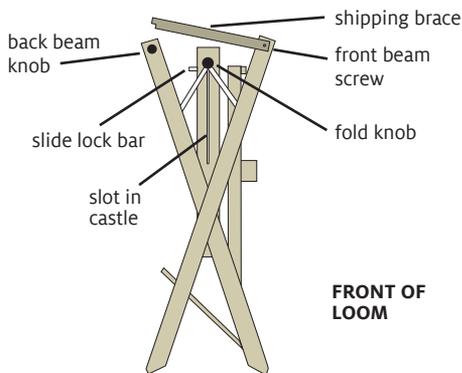


FIGURE 1: UNFOLDING THE LOOM



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5. When the loom has completely opened, push the fold knobs down to the bottom of the slots in the castle. Tighten the knobs. You can push in the slide lock bars to get them out of the way.

FOLDING THE LOOM

6. To prevent treadles from dragging on the floor when the loom is folded, attach every treadle to at least one tie-up cord.

7. Start folding the loom: Loosen the fold knobs one full turn and pull them up in their slots.

8. With one hand on the rear beam and one hand on the front beam, push the loom together as far as it will go.

9. Tighten the fold knobs. Push the slide lock bars in towards the front of the loom.

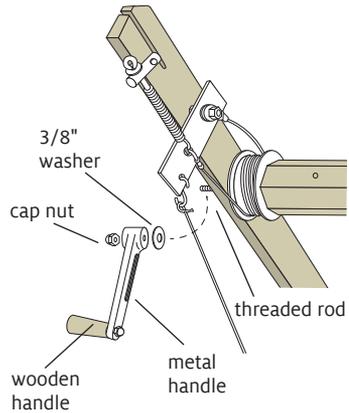


FIGURE 2: WARP BEAM CRANK HANDLE

ATTACHING THE WARP BEAM CRANK HANDLE

The warp beam crank handle attaches to a threaded rod on the inside right leg (Figure 2). Locate the washer, cap nut, and the warp beam crank handle in the accessory pack. Place the 3/8" washer and then the metal handle on the rod, with the wooden handle facing out. Secure with the 3/8" cap nut.

When you're weaving, the crank should be pushed off of the cap nut. To engage the crank for turning the warp beam, pull the hexagonal hole in the crank onto the cap nut.

ATTACHING THE APRON BARS

For cherry Wolf looms, see the special instructions for attaching the apron bars.

There is one cord for each hole in the cloth and warp beams. Insert one end of a cord through a hole in the beam and pull the cord through. Then insert the other end through the second hole in the end of the cord that you just put through the beam. Pull firmly on the cord to tighten (Figure 3A). Repeat across the cloth beam and the warp beam.

To attach the apron bar to the apron cords, take a pinch of the cord about 4" from the end (Figure 3B). Insert the

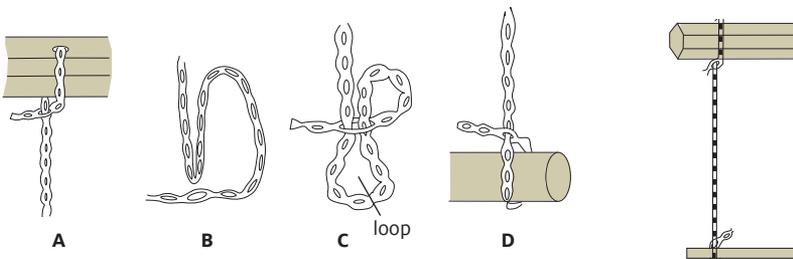


FIGURE 3: INSTALLING APRON CORDS

Visit [youtube.com/user/schachtspindle](https://www.youtube.com/user/schachtspindle) for an apron cord installation video.

pinched cord through the second hole in the cord. Pull on the pinched cord until a new loop forms that is large enough for the apron bar to slip through (Figure 3C). Slide the apron bar through the loop (Figure 3D) and pull tight. Repeat until all cords are attached to the apron bar. Attach the other apron bar to its beam in the same way.

USING THE BEATER PIN

The small metal pin attached to the inside right leg holds the beater upright during warping. Push the pin through the hole in the leg and then through the slot in the beater side. Pull out the beater pin and replace it in its holder before weaving or before folding the loom.

INSTALLING THE HEDDLES

There are 800 heddles for 4-shaft looms and 1000 for 8-shaft and 4 Now-4 Later looms.

Remove the shafts from the loom by removing the rubber rings and unscrewing the small hex nuts from the jack pins (Figure 4). Pull the shaft straight up and out of the loom. When you put the shaft back in the loom, be sure to insert the jack pin back into the hole and secure it with the hex nut. Replacing the rubber ring is optional.

Lay the shaft on a flat surface. Lay two heddle bars next to the heddles. Carefully slide a group of heddles onto the heddle bars. Fit one end of each heddle bar into

one of the slots in the shaft frame. Using very gentle pressure, flex the heddle bar just enough to fit the other end into the slot on the opposing side of the shaft frame. Push approximately half of the heddles to each end of the shaft.

Put the shaft back in the loom and secure the jack pin with the hex nut. Repeat for the other shafts. Be sure to keep the heddles oriented in the same direction for easier threading.

INSTALLING THE TIE-UP CORDS

There is one tie-up cord for every lamm hole: 24 for 4-shaft looms; 80 for 8-shaft and 4 Now-4 Later looms. Loop one end of each tie-up cord through a hole in the lamm.

Loop one end of each tie-up cord through a hole in the lamm. Tie shafts to a treadle by slipping a tie-up cord into the slot in a treadle (Figure 5). Work from the front lamm to the rear lamm for each treadle.

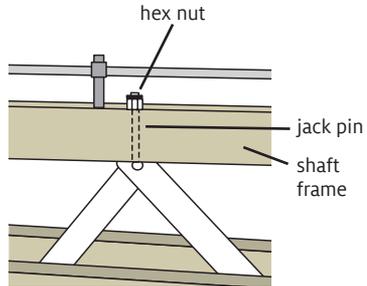


FIGURE 4: JACK PIN ATTACHMENT

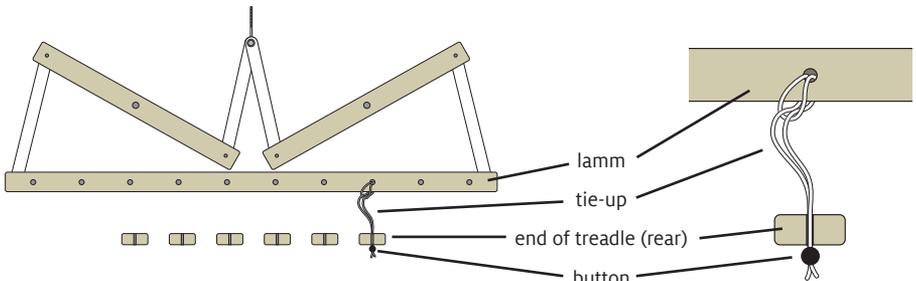


FIGURE 5: INSTALLING TIE-UP CORDS

After you have completed your tie-up, check each treadle by pushing it all the way to the floor and releasing it, making sure that the button of each tie-up cord is up against the treadle and that each cord hangs straight down to the treadle.

There is a 1/2" round depression on the underside of each treadle end to prevent the tie-ups from slipping off when the loom is folded.

ADJUSTING THE FRICTION BRAKE

The friction brake can be adjusted by tightening or loosening the eye bolt. This will increase or decrease the tension on the spring, which will in turn increase or decrease the tension on the brake bar and the brake cable.

Always press down on the brake pedal while you are winding on the warp or advancing the warp on the cloth beam.

REMOVING THE BACK BEAM

The back beam can be removed for better access to the heddles when you thread the loom. Loosen the back beam knobs on each side of the back beam and lift the beam out (Figure 7). To replace the back beam, slide it back into the legs and tighten the knobs.

When moving the loom, be sure to lift it using the cloth and warp beams, not the front and back beams.

ADJUSTING THE BEATER

The height of your beater has been set at the factory to accommodate most weaving situations. If you want to raise or lower the beater, loosen the two nuts on the inside of each of the metal beater supports. Position the beater at the desired height and tighten the nuts. Be sure that you have set both beater sides at the same height. ■

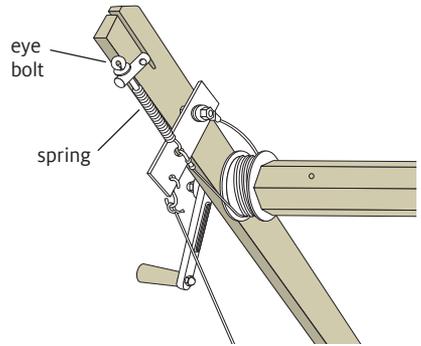


FIGURE 6: FRICTION BRAKE ADJUSTMENT

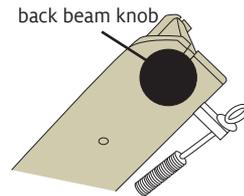


FIGURE 7: REMOVING BACK BEAM