

FL3008
FL3010

WOLF PUP 8.10™

ASSEMBLY



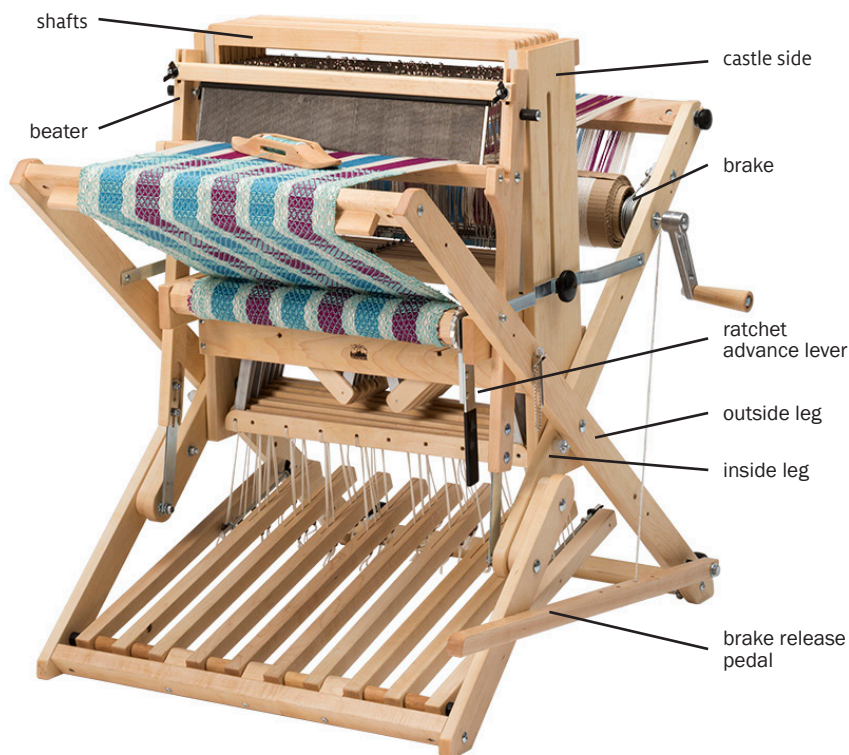
Find out more at [schachtspindle.com](https://www.schachtspindle.com)
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08.25

WOLF PUP 8.10™

ASSEMBLY



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 labeled diagram of the Wolf loom in your Maintenance and Warranty manual and at schachtspindle.com.
- Wolf loom legs are named 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.

PARTS

Wrapped onto warp beam:

- 3X apron bars
- 2X lease sticks (with holes)
- 8X heddle bars

Accessory pack:

Maintenance & Warranty Manual

- 1X brass reed hook
- 1X warp beam crank handle
- 8X 29" apron cords
- 2X caster & wheel sets
- 1X Treadle Tracker
- 600X heddles
- 80X tie-ups
- 10X black treadle aid tie-ups

Hardware bag 1:

- 4X 1/4-20 x 1-1/2" Phillips truss head machine screws
- 4X 1/4-20 lock nuts

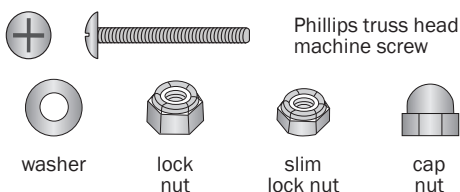
Hardware bag 2:

- 1X 3/8" cap nut
- 1X 3/8" washer
- 2X #12 SAE washers
- 2X 1/4-20 slim lock nuts
- 2X 1/4-20 x 2" Phillips truss head machine screws
- 2X 1" plastic beater pegs

TOOLS REQUIRED

#2 Phillips screwdriver

5/8" and 7/16" or adjustable wrenches



INITIAL UNPACKING

- Remove all plastic wrap from the loom. Do not remove the string attaching the beater to the castle.
- Release the brake cord to let the pedal down: remove the peg from its position above the pedal (Figure 1A), but leave it inserted in the loop under the pedal (Figure 1B).
- Remove the front beam: unscrew the front beam screws and barrel nuts holding it in place—see Figure 2. Take the front beam completely off the loom. (The loom ships with the front extension facing inward to prevent damage.)
- Remove the shipping braces on both sides of the loom: slightly loosen the back beam knobs so the braces come free. Discard the shipping braces and tighten the back beam knobs.
- Reattach the front beam: Orient the front beam so that its extension faces outward, as shown in Figure 3 on page 4. Install the front beam in this position with its screws and barrel nuts.

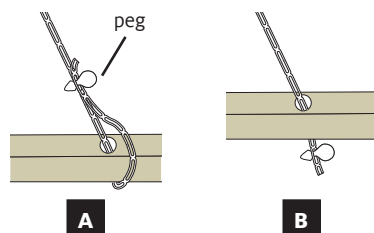


FIGURE 1: RELEASING THE BRAKE CORD

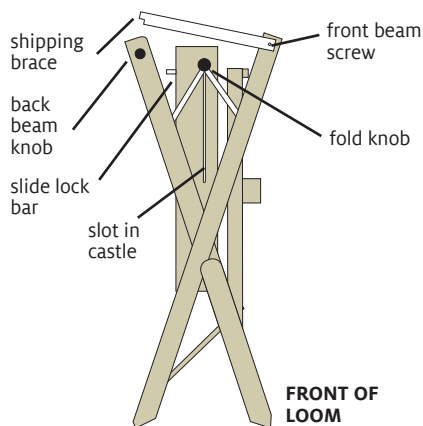


FIGURE 2: UNPACKING AND UNFOLDING

UNFOLDING THE LOOM

1. Slightly loosen the black fold knobs on each side of the loom (Figure 1, page 3). 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.

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

3. Continue holding onto the front and back beams and allow the loom to unfold all the way. If the loom is warped, you may need to hold down the brake release pedal with your foot to loosen the warp as you unfold the loom.

4. 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

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

5. Start folding the loom: Loosen the fold knobs one full turn and pull them up in their slots (Figure 1, page 3).

6. With one hand on the rear beam and one hand on the front beam, push the loom together as far as it will go. Tighten the fold knobs.

INSTALLING THE BEATER PEGS

7. Loosen the wing nuts holding the top of the beater and remove the beater top. Remove the reed from the beater.

8. Insert a 1/4-20 x 2" Phillips truss head machine screw, then through the beater side from its outer side (Figure 4).

9. From the inside of the beater, secure the screw with a #12 washer and a 1/4-20 slim lock nut. You may find it helpful to hold the lock nut in place with a wrench.

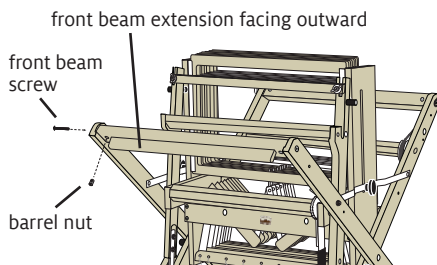


FIGURE 3: REATTACHING THE FRONT BEAM

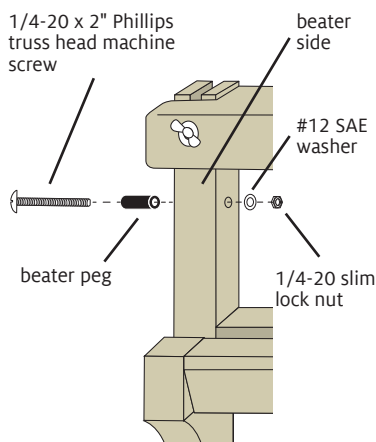


FIGURE 4: INSTALLING BEATER PEGS

10. Repeat on the other side of the beater. After both pegs are installed, remove the string tying the beater to the castle.

ATTACHING THE WARP BEAM CRANK HANDLE

The warp beam crank handle attaches to a threaded rod on the right inside leg (Figure 5). 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.

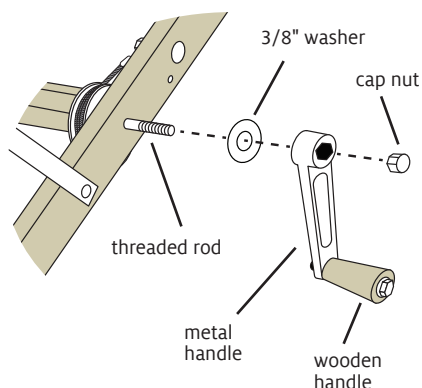


FIGURE 5: ATTACHING WARP BEAM CRANK HANDLE

ATTACHING THE APRON BARS

There is one cord for each hole in the cloth and warp beams.

11. 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 6A).

12. Repeat across the cloth beam and the warp beam.

13. To attach the apron bar to the apron cords, take a pinch of the cord about 4" from the end (Figure 6B). Insert the 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 6C). Slide the apron bar through the loop (Figure 6D) and pull tight.

14. Repeat until all cords are attached to the apron bar. Attach the other apron bar to its beam in the same way.

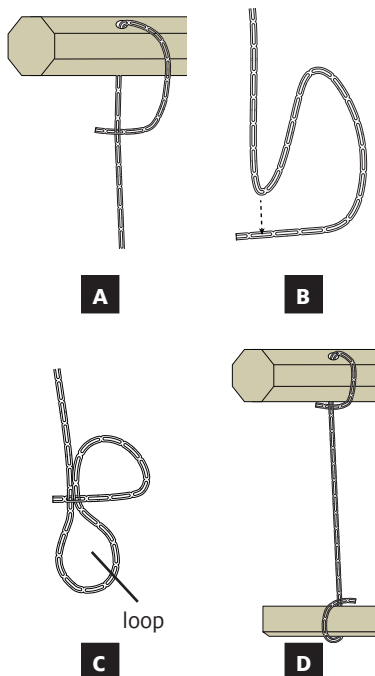


FIGURE 6: INSTALLING APRON CORDS

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

INSTALLING HEDDLES

15. Remove the shafts from the loom by removing the rubber O-rings and unscrewing the small hex nuts from the jack pins (Figure 7). 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 O-ring is optional.

16. Lay the shaft on a flat surface. Remove the heddle bars if they are already installed: flex a bar slightly, pull one end out of the shaft frame, then remove the other end.

17. 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. Gently 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. Reinstall the heddle bars into the shaft frame. Secure the heddle bars into the heddle bar hooks.

18. Put the shaft back in the loom and secure the jack pin with the hex nut (and the O-ring if you wish). Repeat for the other shafts. Be sure to keep the heddles oriented in the same direction for easier threading.

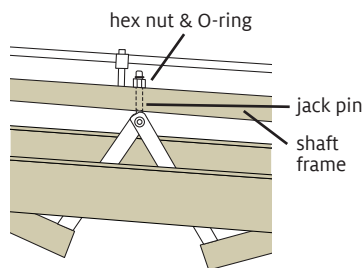


FIGURE 7: JACK PIN ATTACHMENT

INSTALLING TIE-UPS

There is one tie-up cord for every lamm hole. The two outermost holes on each lamm have metal inserts; thread tie-ups through them just as in the other holes.

19. Loop one end of each tie-up through a hole in the lamm. Tie shafts to a treadle by slipping a tie-up into the slot in an inner treadle (Figure 8). Work from the front lamm to the rear lamm for each treadle. 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 is up against the treadle and that each tie-up hangs straight down to the treadle.

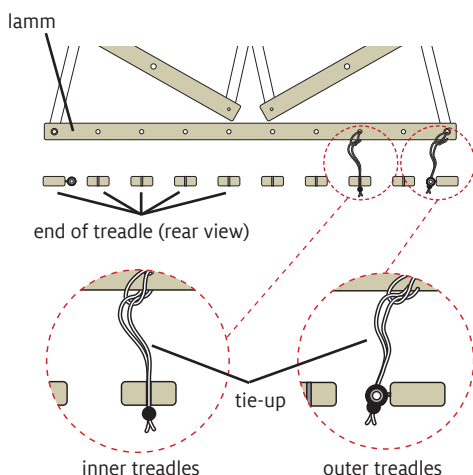


FIGURE 8: INSTALLING TIE-UPS

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

20. The 2 outer treadles on the 8.10 do not have slots like the 8 inner treadles; they have a hex bolt and knob instead (Figure 9). To attach tie-ups to these treadles, remove the knob and push the hex bolt towards the front of the loom until its shaft sits between the two eye bolts. Loop the button end of the tie-up over the bolt shaft. Slide the hex bolt back through the rear eye bolt and reattach the knob.

INSTALLING THE TREADLE AID

The treadle aid prevents shafts from floating. The treadle aid bar is already attached to the rear castle cross brace. Install the 1/4" treadle aid dowel and 10 treadle aid tie-ups onto this bar: Starting at one end of the bar, push a treadle aid tie-up up through one of the holes (an opened paper clip can be helpful) and loop it over the dowel (Figure 10). Continue across the entire treadle aid bar. After you attach tie-ups to the treadles, attach treadle aid tie-ups in the same way. We recommend using a treadle aid tie-up on all of the treadles.

INSTALLING THE WHEELS

Skip this step if you will install a stroller on your loom. With the loom unfolded, install the wheels. Use two 1/4-20 x 1-1/2" Phillips truss head machine screws and two 1/4-20 lock nuts to attach each wheel to the rear leg brace (Figure 11).

INSTALLING THE TREADLE TRACKER

With the clip on the treadle tracker facing the front of the loom, insert the treadle tracker into the slot in the top of the upper castle support (Figure 12).

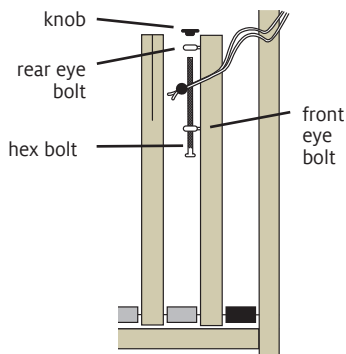


FIGURE 9: TIE-UPS ON OUTER TREADLES

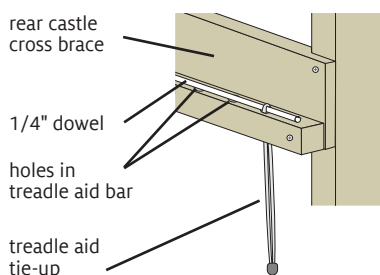


FIGURE 10: TREADLE AID

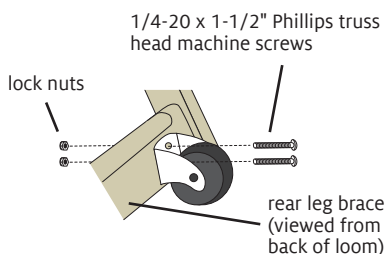


FIGURE 11: INSTALLING THE WHEELS

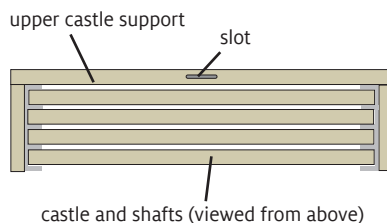


FIGURE 12: TREADLE TRACKER

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 13). To replace the back beam, slide the beam back into the legs and tighten the knobs.

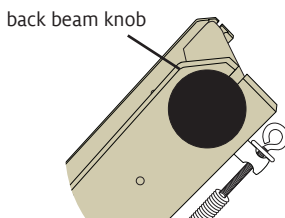


FIGURE 13: BACK BEAM

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

USING THE BEATER PIN

The small metal pin attached to the right outside leg holds the beater upright during warping. Leave the beater pin in its holder when you're weaving or folding the loom (Figure 14A). To engage the pin for warping, align the hole in the right outside leg with the slot in the beater side. Insert the pin through the hole and into the slot (Figure 14B).

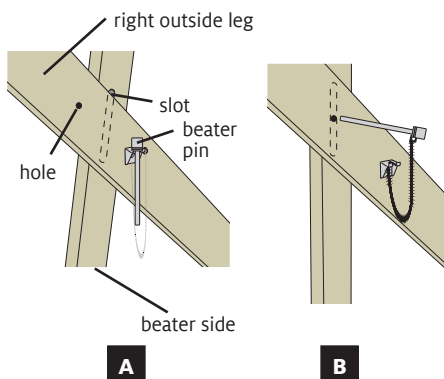


FIGURE 14: USING THE BEATER PIN

ADJUSTING THE FRICTION BRAKE

The friction brake can be adjusted by tightening or loosening the eye bolt (Figure 15). 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.

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. ■

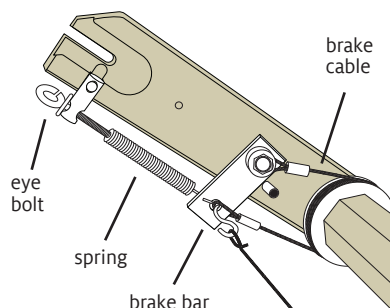


FIGURE 15: FRICTION BRAKE

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