

# BABY WOLF & MIGHTY WOLF HEIGHT EXTENDER

**FL3003** **FL3004**  
**FL3013** **FL3014**  
**FL3023** **FL3024**  
**FL3081** **FL3083**  
**FL3082**

## ASSEMBLY INSTRUCTIONS

### PARTS

- 4 – height extender blocks
- 4 – 1/4-20 x 2-1/2" Phillips truss head machine screws
- 4 – 1/4-20 x 1-3/4" carriage bolts
- 2 – 1/4-20 x 1-1/4" Phillips truss head machine screws
- 4 – 1/4" flat washers
- 4 – 1/4-20 lock nuts
- extended tie-ups: 24 for 4H, 80 for 4 Now/8H
- 10 – extended treadle aid tie-ups (BW 4 Now/8H only)
- extended treadles\*: 6 for 4H, 10 for 4 Now/8H
- 1 – extended brake release pedal\*
- 1 – extended brake cord\*

\*These parts are included in the kit for *adding* a height extender. If you ordered your loom *with* the height extender, these parts will arrive attached to your loom.

### REQUIRED TOOLS

- #2 Phillips screwdriver
- slotted (flat) screwdriver
- 7/16" or adjustable wrench
- mallet or hammer
- scrap of wood



flat washer



lock nut



Phillips truss head machine screw



carriage bolt

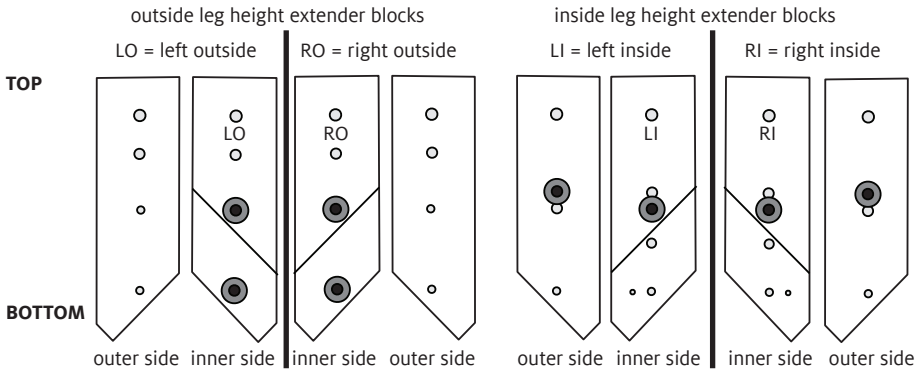
### NOTES:

- If you received your height extender after you received your loom, you will need to remove the treadles to replace them with the longer height extender treadles.
- 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 brake is on the *right* side of loom. The beater is at the *front* of the loom.
- The height extender legs are labelled:  
RI = right inside, RO = right outside, LI = left inside, LO = left outside.



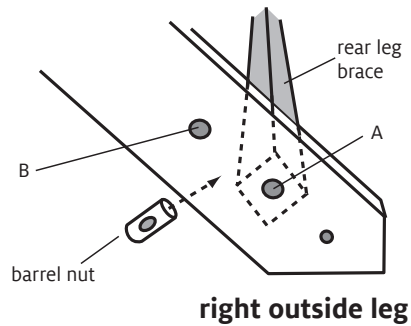
For more information: [schachtspindle.com](http://schachtspindle.com)  
Schacht Spindle Company, 6101 Ben Place, Boulder, CO 80301  
p. 303.442.3212 f. 303.447.9273

© 2019 Schacht Spindle Company, Inc.



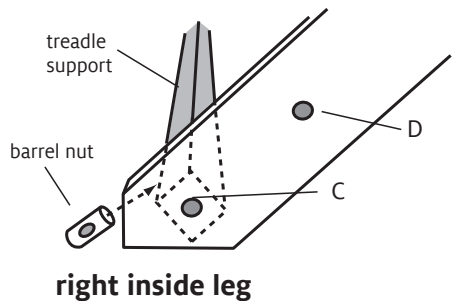
**FIGURE 1: HEIGHT EXTENDER BLOCKS**

1. Unfold the loom on a flat surface. Tighten the fold knobs and engage the slide locks so the loom is fully extended and locked.
2. Match each height extender with the appropriate leg (Figure 1).
3. Remove the machine screws and the 1/4-20 barrel nuts holding the rear leg brace from the middle hole [A] on each outside leg (Figure 2). Remove the rear leg brace; set it aside with the barrel nuts for Step 4. You may want to elevate the inner loom legs on books or wood blocks to keep the loom level.



**FIGURE 2: OUTSIDE LEG**

4. Attach the LO and RO height extender blocks to the rear leg brace with 1/4-20 x 2-1/2" Phillips truss head machine screws. Insert the machine screw from the outer side of the height extender block through the second hole from the top of the height extender block, then through hole [A] of the outside leg (the middle hole of the leg; Figure 2). Thread the machine screw into a barrel nut (re-used from Step 3) inserted into the rear leg brace, holding the barrel nut in position with a slotted screwdriver. Tighten the machine screw. Repeat for the other rear height extender block.



**FIGURE 3: INSIDE LEG**

5. Attach the tops of the height extender blocks to the outside legs with 1/4-20 x 1-3/4" carriage bolts. Insert the bolt

through the inner side of the leg, through hole [B] (Figure 2), then through the top hole of the height extender block, then through a 1/4" flat washer and a 1/4-20 lock nut. Place a scrap of wood over the carriage bolt and hammer it into place with a mallet or hammer. Tighten the lock nut as firmly as possible.

6. From the front of the loom, detach all tie-up cords. Remove the arrow peg under the brake release pedal and detach the brake cord. Remove the machine screws and the 1/4-20 barrel nuts holding the treadle support from the hole closest to the floor [C] on each inside leg (Figure 3). Set aside the barrel nuts for Step 10. Spread the inside legs apart and remove the treadle support.

**If you purchased your Wolf loom with Height Extender, skip to Step 10.**

7. Using a #2 Phillips screwdriver, remove the screws attaching all treadle blocks (TB) to the treadle support (see Figure 4A or 4B below, or 4C on page 4). Remove the metal treadle bar from the treadle support. Remove all parts from the metal treadle bar, saving the plastic spacers (PS), treadle blocks (TB), wooden spacers (WS), and washer (W) for Step 8.

8. Install the new height extender treadsles (tr) and height extender brake release pedal (brp) onto the metal treadle bar with parts saved from Step 7. Follow Figure 4A, 4B, or 4C (page 4), working from left to right.

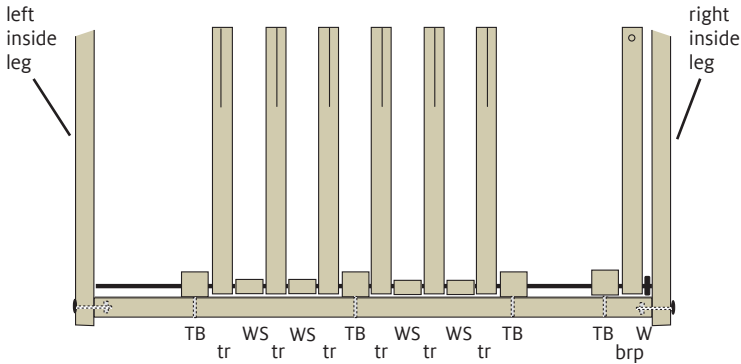


FIGURE 4A: TREADLE ASSEMBLY FOR BABY WOLF OR MIGHTY WOLF 4H LOOM

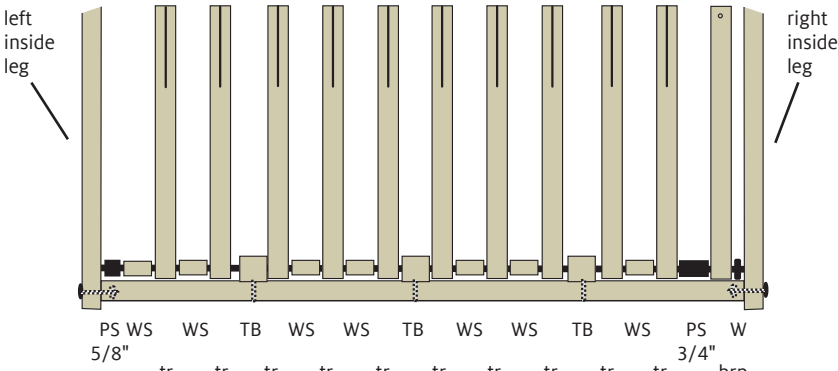


FIGURE 4B: TREADLE ASSEMBLY FOR BABY WOLF 4 NOW/8H LOOM

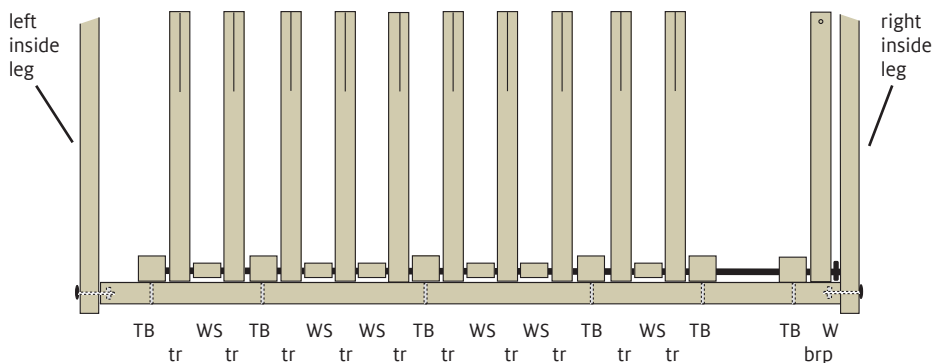


FIGURE 4C: TREADLE ASSEMBLY FOR MIGHTY WOLF 4 NOW/8H LOOM

**9.** Re-attach the metal treadle bar to the treadle support by screwing the treadle blocks back into the treadle support.

**10.** Attach the inside leg height extender blocks to the treadle assembly: insert the metal pins from the treadle support (Figure 5) into the small holes and the metal treadle bar ends into the 2nd hole from the bottom of the height extender blocks. Insert the barrel nuts from Step 6 into the treadle support and thread new 1/4-20 x 2-1/2" Phillips truss head machine screws into them, from the outer side of the height extender blocks through the bottom holes. Use a slotted screwdriver to hold the barrel nut in position. Secure the treadle support firmly.

**11.** Lift the inside legs into place on the height extender blocks. Attach the height extender blocks using 1/4-20 x 1-1/4" Phillips truss head machine screws, inserted from the inside of the leg through the bottom hole [C] (Figure 3, page 2), then through the hole with the threaded insert on the height extender block (3rd hole from the bottom). Attach this screw firmly.

**12.** Finish attaching the height extenders to the inside legs by inserting a 1/4-20 x 1-3/4" carriage bolt from the inner side of the leg through the top hole of the leg [D] (Figure 3, page 2) and the top hole of the height extender block. Secure the screw with a 1/4" washer and a 1/4-20 lock nut. Repeat for the other inside leg and height extender block.

**13.** Install extended tie-up cords and extended treadle aid tie-ups. Reattach the brake cord on the brake release pedal. Your height-extended Wolf loom is now ready to weave on. ■

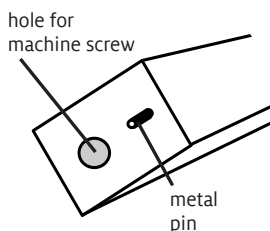


FIGURE 5: TREADLE SUPPORT