

# WOLF PUP LT HEIGHT EXTENDER

FL3010  
FL3084

## ASSEMBLY INSTRUCTIONS

### PARTS

- 4X height extender blocks
- 2X 1/4-20 x 1" Phillips pan head machine screws
- 4X 1/4-20 x 1-3/4" Phillips truss head machine screws
- 2X 1/4-20 x 2-1/2" Phillips truss head machine screws
- 2X 1/4-20 x 1-1/4" Phillips truss head machine screws
- 4X 1/4" flat washers
- 4X 1/4-20 lock nuts
- 24X extended tie-ups
- 1X extended brake cord\*
- 6X extended treadles\*
- 1X extended brake release pedal\*

### REQUIRED TOOLS

- #2 Phillips screwdriver
- slotted (flat) screwdriver
- 9/16" (or adjustable) wrench
- mallet or hammer
- piece of scrap wood
- drill and 1/4" drill bit (optional)
- clamp (optional)



flat washer



lock nut



Phillips truss head machine screw



Phillips pan head machine screw

\*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.

### NOTES:

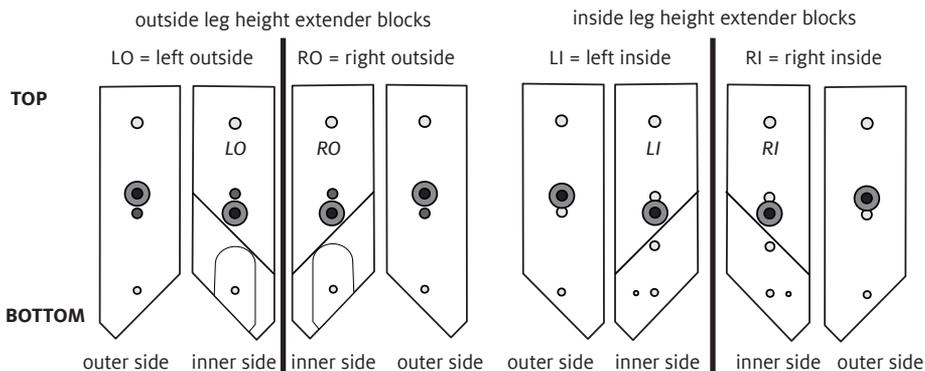
- If you received your height extender after you received your loom, you will need to remove the treadles to replace them with the longer height extender treadles.
- For Wolf Pup LT looms with ship dates before 05/09/2016, you will have to drill some holes in your loom's legs; see page 3. On Wolf Pup LT looms built after 05/09/2016, these holes have been pre-drilled at the factory.
- 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.



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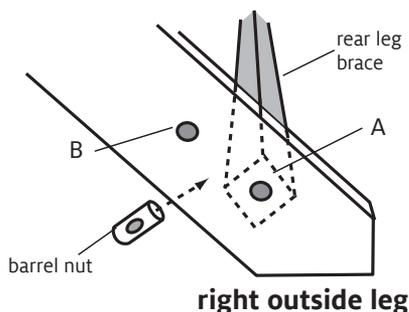
**FIGURE 1: HEIGHT EXTENDER BLOCKS**

**1.** Unfold the loom on a flat surface. Tighten the fold knobs so the loom is fully extended and locked.

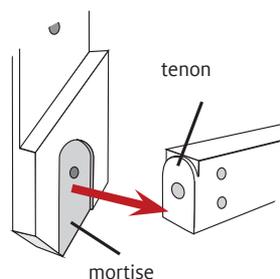
**2.** Match each height extender with the appropriate leg (Figure 1).

**3.** Remove the 1/4-20 x 3" Phillips truss head machine screws and the 1/4-20 barrel nuts holding the rear leg brace from the hole closest to the floor [A] on each outside leg (Figure 2). Remove the rear leg brace; set it aside with the hardware for the next step.

**4.** Attach the LO and RO height extender blocks to the rear leg brace by inserting the tenon of the brace into the mortise of the height extender blocks (Figure 3). Secure the height extender blocks with hardware from Step 3: insert a 1/4-20 x 3" Phillips truss head machine screw through the bottom hole of the height extender block and thread it into a barrel nut inserted into the rear leg brace. Hold the barrel nut in position with a slotted screwdriver. Repeat for the other height extender block. Set the rear leg brace and attached height extender blocks at the rear of the loom. You may want to elevate the inside loom legs on books or wood blocks to keep the loom level.



**FIGURE 2: OUTSIDE LEG**



**FIGURE 3: REAR LEG BRACE AND HEIGHT EXTENDER BLOCK**

5. Attach the LO and RO height extender blocks to the outside legs: insert a 1/4-20 x 1" Phillips pan head machine screw from the inner side of the leg through its bottom hole (hole [A], Figure 2), then through the hole with the threaded insert on the height extender block (3rd hole from the bottom). Repeat for other height extender block.

6. Attach the tops of the height extender blocks to the outside leg: insert a 1-3/4" Phillips truss head machine screw from the inner side of the leg through its top hole (hole [B], Figure 2), then through the top hole of the height extender block. Secure the screw from the outer side of the height extender block with a 1/4" washer and 1/4-20 lock nut. Repeat for other height extender block.

7. 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 (Figure 4). Set aside the barrel nuts for Step 12. Spread the inside legs apart and remove the treadle support.

**If you purchased the Wolf Pup LT loom with Height Extender, skip to Step 12.**

8. Using a #2 Phillips screwdriver, remove the 3 screws attaching the treadle blocks (TB) to the treadle support (Figure 5, 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), and wooden spacers (WS) for the next step.

9. Install the new height extender treadles (tr) and brake release pedal

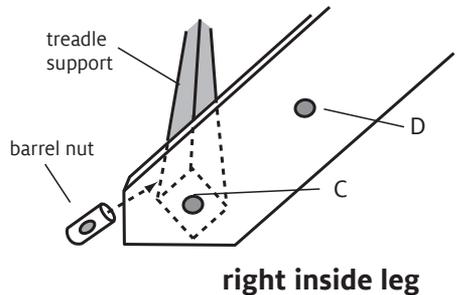


FIGURE 4: INSIDE LEG

**DRILLING HOLES ON OLDER LOOMS**

These steps are for Wolf Pup LT looms shipped prior to 05/09/2016 that do not have factory-drilled holes in the outside legs for the height extender.

**A.** Follow installation instructions through Step 5.

**B.** Clamp the top of the height extender block to the outside leg, with a scrap piece of wood on the other side of the leg to prevent blowing out the wood.

**C.** Drill through the top hole of the height extender block using a 1/4" drill bit.

**D.** Repeat Steps B and C for the other outside leg. Return to installation instructions at Step 6.

(brp) onto the metal treadle bar with the parts saved from Step 11. Parts go in the following order (from left to right of the loom front, shown in Figure 5): PS, WS, WS, tr, TB, tr, WS, tr, TB, tr, WS, tr, TB, tr, WS, brp, PS.

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

**11.** Attach the height extender blocks to the treadle assembly: insert the metal pins from the treadle support (Figure 6) into the small holes and the metal treadle bar ends into the 2nd hole from the bottom of the height extender blocks. Insert the saved barrel nuts 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.

**12.** Attach the height extender blocks to the inside legs: insert 1/4-20 x 1-1/4" Phillips truss head machine screws from

the inside of the leg through the bottom hole [C] (Figure 4, page 3), then through the hole with the threaded insert on the height extender block (3rd hole from the bottom). Secure firmly.

**13.** Finish attaching the height extender blocks by inserting a 1/4-20 x 1-3/4" Phillips truss head machine screw from the inner side of the leg through the top hole [D] (Figure 4, page 3) and the top hole of the height extender block. Secure the screw with a 1/4" washer and 1/4-20 lock nut. Repeat for the other inside leg.

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

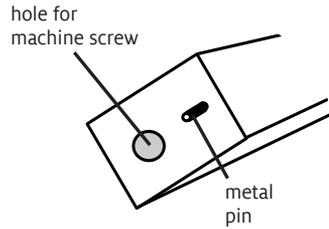


FIGURE 6: TREADLE SUPPORT

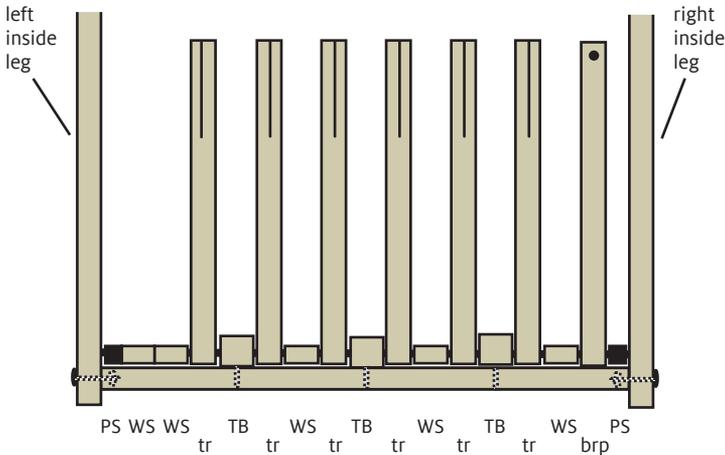


FIGURE 5: TREADLE ASSEMBLY