

WOLF PUP LT HEIGHT EXTENDER

ASSEMBLY

FL3010
FL3084

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 height extender tie-ups
- 6X height extender treadles*
- 1X height extender brake release pedal*
- 1X height extender brake cord*

TOOLS REQUIRED

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



flat washer



lock nut



Phillips truss head machine screw



Phillips pan head machine screw

*If you purchased a Height Extender Loom, these parts have already been installed. If you are converting a regular loom to a Height Extender Loom, you will need to replace the treadles, brake release pedal, and brake cord with the longer ones in this kit.



Find out more at [schachtspindle.com](https://www.schachtspindle.com)
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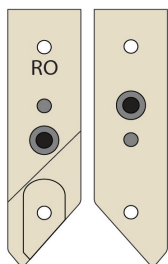
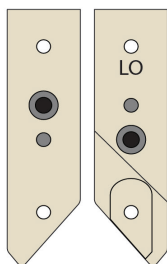
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outside leg height extender blocks

LO = left outside

RO = right outside



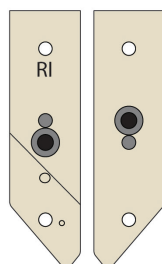
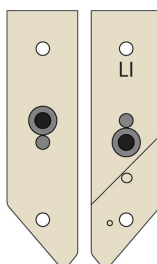
outer side inner side

inner side outer side

inside leg height extender blocks

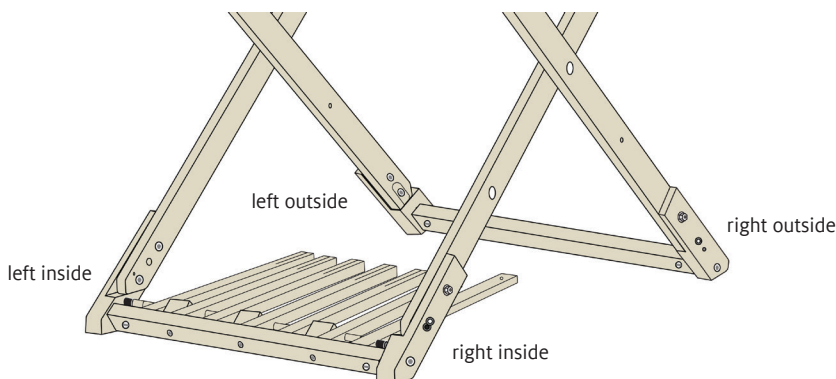
LI = left inside

RI = right inside



outer side inner side

inner side outer side



NOTES

- For Wolf Pup LT looms shipped before 05/09/2016, you will have to drill some holes in your loom's legs—see below.
- For clarity, diagrams in this assembly manual may not show all parts of the loom.
- 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 height extender leg blocks are labelled for each leg.

RI = right inside, RO = right outside, LI = left inside, LO = left outside

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.

- Follow instructions through step 2.
- 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.

- Drill through the **top hole** of the height extender block using a 1/4" drill bit.
- Repeat Steps B and C for the other outside leg. Return to installation instructions at step 3.

Before you begin installation, read through all instructions.

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

INSTALL HEIGHT EXTENDER BLOCKS ON OUTSIDE LEGS

1. Unscrew the machine screws in the outside legs from the barrel nuts in the rear leg brace (Figure 1). Save the barrel nuts and screws for step 4.

2. Identify the height extender blocks for the outside legs, marked LO and RO. The top two holes of these blocks line up with two holes at the bottom of the outside legs. If the outside legs of your loom do not have both holes, see “Drilling Holes on Older Looms.”

3. Fit the curved extension of the rear leg brace into the curved depression of the RO height extender block (Figure 2).

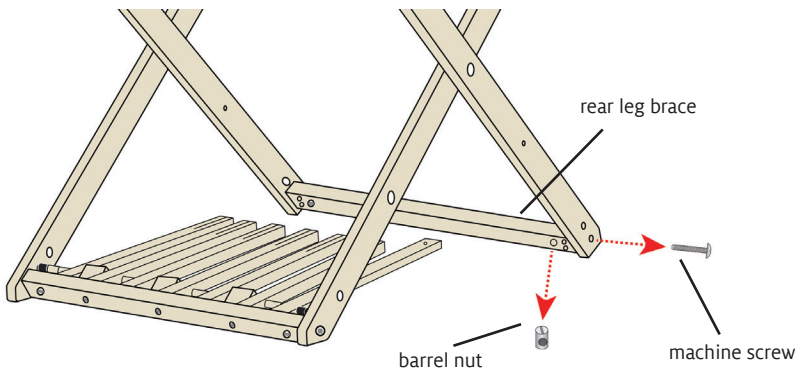


FIGURE 1: REMOVE REAR LEG BRACE

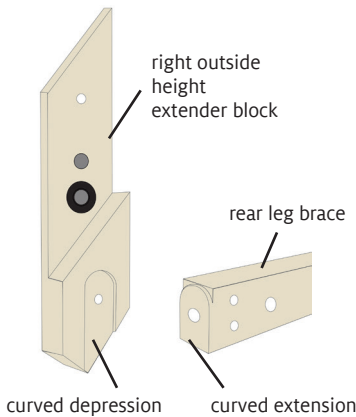


FIGURE 2: FIT OUTSIDE BLOCK ONTO REAR LEG BRACE

4. From the outer side of the height extender block, insert one of the machine screws from step 1 into the bottom hole (Figure 3). Insert a barrel nut into the hole of the rear leg brace, holding it in place with a slotted (flat) screwdriver. Fully tighten the machine screw into the barrel nut.

5. Repeat steps 3 and 4 to attach the LO height extender block to the other end of the rear leg brace. Lift the outside legs into place on the LO and RO height extender blocks. You may need a helper to hold the loom steady until you finish installing these blocks.

6. From inside the loom, insert a 1/4-20 x 1" Phillips pan head machine screw through the large hole at the bottom of the outside leg (where the rear leg brace used to attach) and into the second hole from the top of an outside height extender

block, as shown in Figure 4A. Attach this screw firmly to the height extender block. Repeat on the other side of the loom for the remaining outside height extender block.

7. From inside the loom, insert a 1/4-20 x 1-3/4" Phillips truss head machine screw through the second hole from the bottom of the outside leg, into the top hole of the height extender block, as shown in Figure 4B. From the outer side of the height extender block, add a 1/4" flat washer and a 1/4-20 lock nut to the shaft of the machine screw. Use a wrench to tighten the lock nut as firmly as possible.

8. Repeat steps 6 and 7 on the other side of the loom, for the other outside leg and outside height extender block. The back of your loom now sits 2" higher than its front.

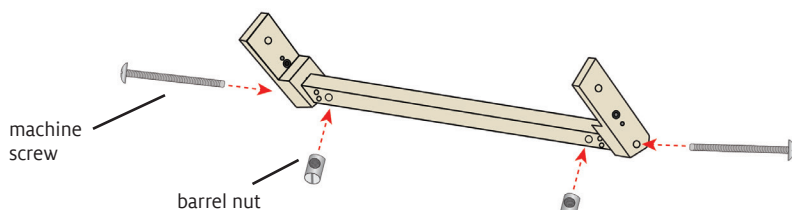
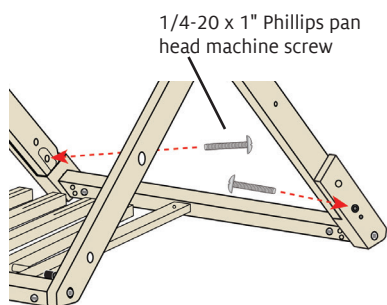
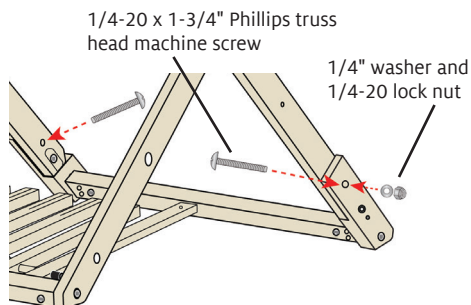


FIGURE 3: ATTACH OUTSIDE BLOCKS TO REAR LEG BRACE



A



B

FIGURE 4: ATTACH OUTSIDE BLOCKS TO OUTSIDE LEGS

REMOVE THE TREADLE ASSEMBLY

- 9.** Remove all tie-ups if they're installed on your loom. Remove the arrow peg under the brake release pedal and detach the brake cord from the brake bar.
- 10.** Remove the treadle assembly from the inside legs by unscrewing the machine screws from the barrel nuts, as shown in Figure 5. Spread the inside legs apart and remove the treadle support. Set aside the barrel nuts for step 17.

If you purchased a Height Extender loom, skip to "Install Height Extender Blocks on Treadle Assembly".

REPLACE TREADLES

- 11.** Remove the screws attaching the treadle blocks (**TB**) to the treadle support, as shown in Figure 6. Set aside the treadle support.
- 12.** Remove all parts from the metal treadle bar, saving the plastic spacers (**S**), treadle blocks (**TB**), and wooden dowels (**D**) for the next step.
- 13.** Following Figure 7, install height extender treadles (**tr**) and the height extender brake release pedal (**brp**), with the parts saved from step 12, onto the metal treadle bar.
- 14.** Re-attach the metal treadle bar to the treadle support by screwing the treadle blocks back into the treadle support.

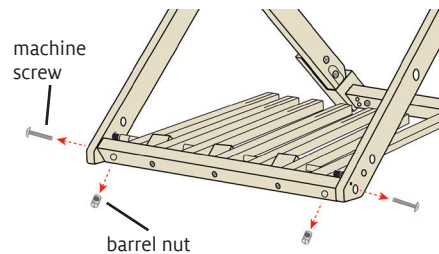


FIGURE 5: REMOVE THE TREADLE ASSEMBLY

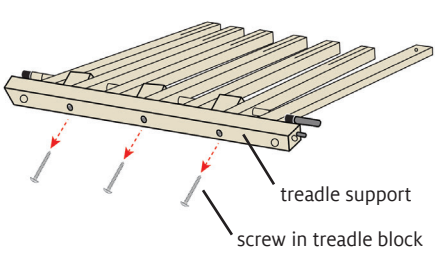


FIGURE 6: REMOVE THE TREADLE BLOCKS

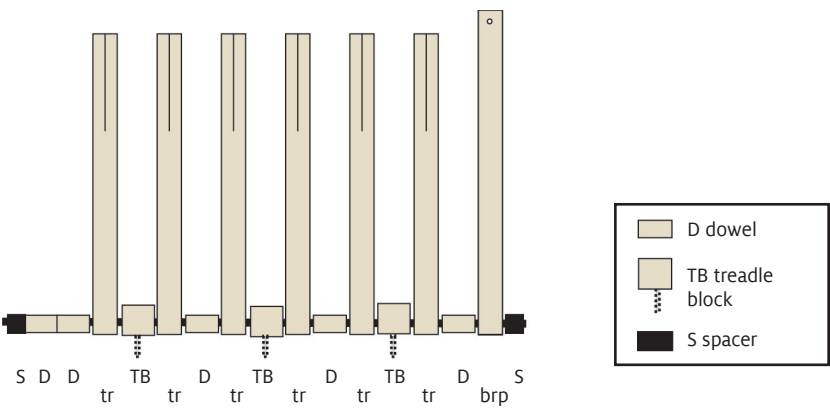


FIGURE 7: REPLACE TREADLES

INSTALL HEIGHT EXTENDER BLOCKS ON TREADLE ASSEMBLY

15. Identify the height extender blocks for the inside legs, marked LI and RI. The top two holes of each block line up with holes at the bottom of the inside leg (Figure 8). The lowest holes in the block attach to the treadle assembly.

16. On the inner side of the RI height extender block, you will see two holes that do not go all the way through the block. Fit the metal treadle bar into the larger hole and the pin of the treadle support into the smaller hole, as shown in Figure 9.

17. From the outer side of the RI height extender block, you will see one hole at the bottom. Insert a 1/4-20 x 2-1/2" Phillips truss head machine screw into this hole, then partway into the treadle support (Figure 9). Insert a barrel nut from Step 10 into the hole of the treadle support, holding it in place with a slotted (flat) screwdriver. Fully tighten the 1/4-20 x 2-1/2" Phillips truss head machine screw into the barrel nut.

18. Repeat steps 16 and 17 on the other end of the treadle assembly, using the LI height extender block. The treadle assembly and inside height extender blocks should now look like Figure 10.

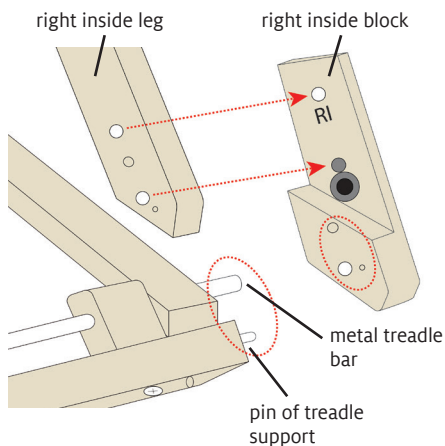


FIGURE 8: IDENTIFY HOLES ON INSIDE BLOCKS

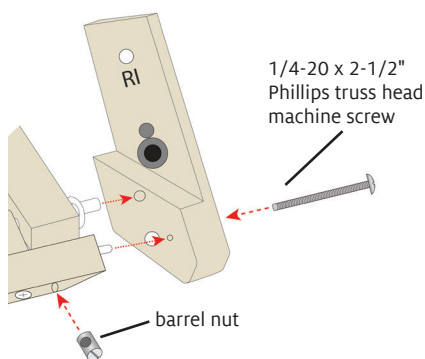


FIGURE 9: INSTALL INSIDE BLOCKS ON TREADLE ASSEMBLY

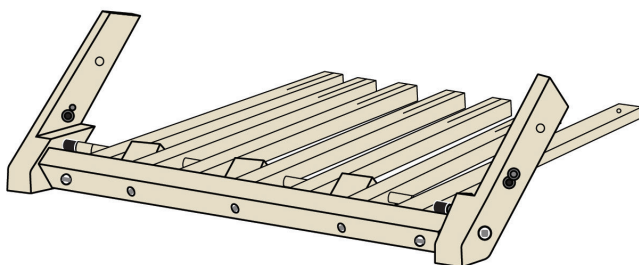


FIGURE 10: INSIDE BLOCKS INSTALLED ON TREADLE ASSEMBLY

INSTALL HEIGHT EXTENDER BLOCKS ON INSIDE LEGS

19. Lift the inside legs into place on the LI and RI height extender blocks. You may need a helper to hold the loom steady until you complete these steps.

20. From inside the loom, insert a 1/4-20 x 1-1/4" Phillips truss head machine screw through the large hole at the

bottom of the inside leg (where the treadle assembly used to attach) and into the second hole from the top of an inside height extender block, as shown in Figure 11. Attach this screw firmly to the height extender block. Repeat on the other side of the loom for the remaining inside height extender block.

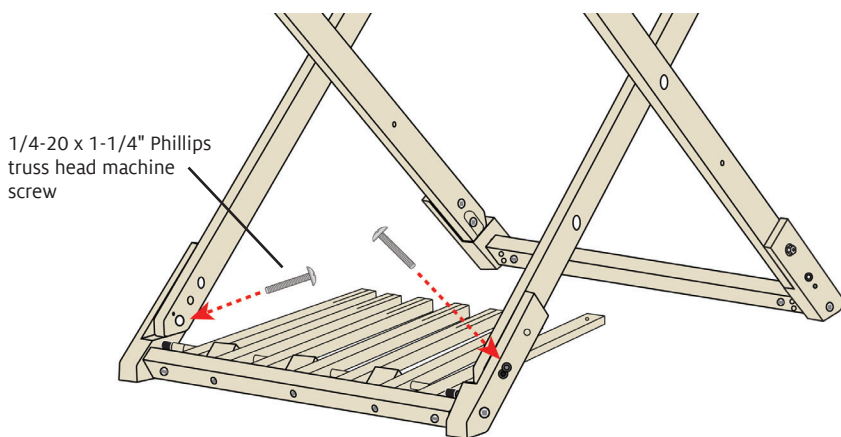


FIGURE 11: ATTACH INSIDE BLOCKS TO INSIDE LEGS, LOWER HOLE

21. From inside the loom, insert a 1/4-20 x 1-3/4" Phillips truss head machine screw through the second hole from the bottom of the inside leg, into the top hole of an inside height extender block, as shown in Figures 8 and 12. From the outer side of the height extender block, add a 1/4" flat washer and a 1/4-20 lock nut to the shaft of the machine screw. Use a wrench to tighten the lock nut as firmly as possible.

22. Repeat step 21 on the other side of the loom, for the other inside leg and inside height extender block.

INSTALL HEIGHT EXTENDER CORDS

23. Install height extender tie-ups on the lamms of the loom. If you are adding the Height Extender kit to a regular loom, install the height extender brake cord on the brake bar and attach it underneath the brake release pedal with an arrow peg. You can now weave on your Height Extender Loom. ■

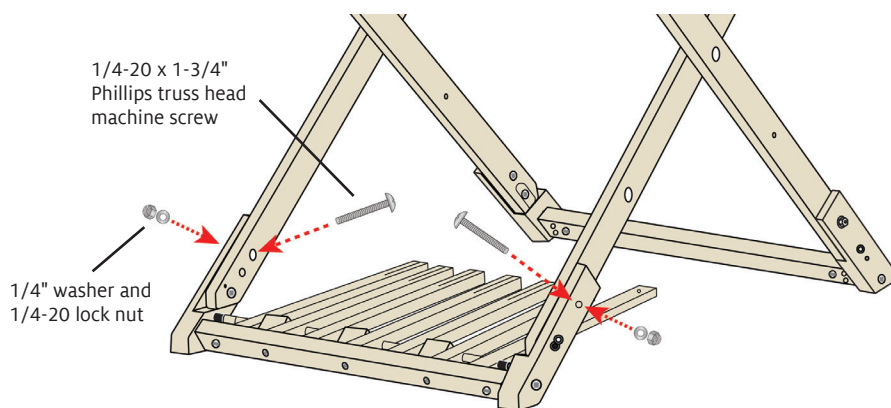


FIGURE 12: ATTACH INSIDE BLOCKS TO INSIDE LEGS, UPPER HOLE