

PegStilts.com Instructions: Replacing the tread on your Peg Stilts

PegStilts.com

Kids & Adult
sizes



Stilts
Lessons
Events
& more!

Life is too short, walk taller!

PegStilts.com
503-236-7327
Woman Veteran Handmade in the USA
School/Org Discounts are Available!

DANGER: If you notice that your stilt tread is wearing down, it should be replaced ASAP

How long does the Stilt tread last?

Your tread should last you at least a year depending on how often you stilt walk, what kind of surfaces you walk on, and what tricks you do while you are stilt walking.

For example: Turning pirouettes (spinning) on hot asphalt everyday is going to wear down your stilt tread faster than walking in grass occasionally would.

What do I do if my Stilt tread is worn down?

You can order some from PegStilts.com for \$5.00 plus shipping

OR

You can go to any local bike repair shop and they will often give you an old mountain bike tire for FREE

TOOLS NEEDED:

- Sturdy workbench or table
- Table Vise (or see clamps below)
- C-Clamps or Squeeze clamps
- Drill/Electric Screwdriver
- Drill Screwdriver Bit
 - (Note: Needs to match screws chosen for the project, see Materials below)
- Straight blade/box cutter
- Sharp scissors
- *POSSIBLE:* Miter Saw/Chop Saw/Band Saw
- *POSSIBLE:* Tape measure

MATERIALS NEEDED:

- (2) 6" pieces of used mountain bike tires
 - (Note: You want to find a tire that still has good tread on it and is not dry rotted or cracked)
- (8) 3/4" screws
- (8) washers
 - (Note: Make sure the screws can not slide through the washers)
- **Optional:** Staple gun (*NOT* an office stapler) and 10-12mm staples depending on thickness of tire sidewall rubber

Prepping the Tires (if you got them yourself):

- Take a straight blade/box cutter, and carefully cut the metal rings out of the edges of the tire. BE CAREFUL!
 - *NOTE: Poke next to the ring and then trace the blade around the ring. You don't have to cut through the ring!*
- Cut with strong scissors across the tire from one side to the other
- Measure and cut off (2) 6" pieces of tire from the length.
 - (NOTE: Save the rest for the future!)



Remove Worn Tread AND Inspect Pegs for Damage:

*(NOTE: Do the following to **BOTH** legs before proceeding)*

- Remove the previous tread and keep all screws and washers for reuse unless they are stripped or broken.
 - (NOTE: Pay attention to how the tread had been put on previously, the replacement is going to go on the same way this one came off.)
- Inspect **both** of the peg ends for significant rounding, mushrooming, or any splintering at all.
- If **ANYTHING** of concern is found it **should be cut off** using a saw that ensures a straight level accurate cut.
 - (Note: If one leg has damage **BOTH** must be shortened to an equal length.)

NOTE: DID YOU REMOVE THE TREAD FROM BOTH LEGS AND INSPECT BOTH ENDS FOR DAMAGE?!

If not, go back and finish because if you retread the first one and then find out later that leg 2 is damaged and needs to be shortened to get rid of damage, then you'll have wasted your time.

Installing the Replacement Tread:

Put one of your stilt legs in a table vise, or clamp it to a stable surface, so that the peg end is sticking out off the table, and the triangle of the foot plate is facing up.

(Note: You'll be rotating the stilt as you remove and later attach each side of the tire.)

- Take (1) of the new 6" tire pieces and place it centered on the end of the peg (like a letter "T")
- Cut slots into the tire that will allow it to fold (see previous tire set)
- Make the (4) cuts go all of the way to where the tread starts
- Place the tire flat on the upside of the stilt
- Line up the edge of the cut with the edge of the stilt end
- Screw and washer the tire down (use previous screw holes if possible)
- Flip the stilt over so the exact opposite side is up, and screw and washer the other end of the tire piece down
- Turn the stilt to the 3rd side up: Tuck the middle flap under the outer side flaps, and insert screw with washer.
 - (Note: Place the screw with washer so it will grab all 3 pieces of the tire).
- Turn the stilt to the final side up and do the same as the previous step, for the 3rd side.



More PegStilts.com FAQs can be found at:
<http://shop.pegstilts.com/stiltorderfaqs.aspx>