



Flip-Flop Line Strap Replacement

How to fix the line strap of a flip-flop.

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INTRODUCTION

This guide will demonstrate how to fix the line strap on a flip-flop.

In Florida, most people own at least one pair of flip-flops. It's a shoe that is worn almost anywhere; however, between the rainy weather and natural wear and tear of everyday use, one of the most common parts of a flip-flop destined to break is the line strap of the toe piece (between the big and second toe).

Why is this guide necessary?

This guide is necessary because discarded flip-flops are negatively impacting the environment – specifically the ocean.

In fact, dozens upon dozens of flip-flops wash ashore each year. Flip-flops that find their way into the ocean are hazardous, cause pollution, and interrupt the natural habitat of sea animals. Rather than continuously throw away something so common, we should seek to fix it to help support the environment.

Who will benefit from this guide?

This guide will be beneficial for all genders and ages and even for people in different states and countries. Unfortunately, thousands of people around the globe don't have access to the resources we have here in the United States. A great way to support our planet and conserve resources is to fix our broken flip-flops and donate them to less-developed countries.

Where can I donate my flip-flops?

You can donate your flip-flops to a local charity organization, such as the Salvation Army or the American Red Cross.

TOOLS:

- Utility Scissors (1)
- Duct Tape (1)

Heavy Duty

choose any color to match your flip-flop.

PARTS:

- Zip Ties (2)
8-inch
- Flat Washer (1)
Metal
3/16 inch or 4.8 mm

Step 1 — Line Strap



- Use the utility scissors to remove the tip of the broken line strap.

(i) Try to remove as much of the broken tip as possible.

Step 2



- Position one **8-inch** zip tie underneath the strap line.

(i) Head end of the zip tie.

(i) Tail end of the zip tie.

(i) You can use any color zip tie to match the color of your flip-flop.

(i) Zip ties can be purchased from stores such as Walmart, Ace Hardware, and the Dollar Tree.

Step 3



- Fold the zip tie so that the head end is on top of the line strap.

Step 4



- Insert the tail end through the head end to make a loop.

Step 5



- Tighten the loop by pulling on the tail end of the zip tie.

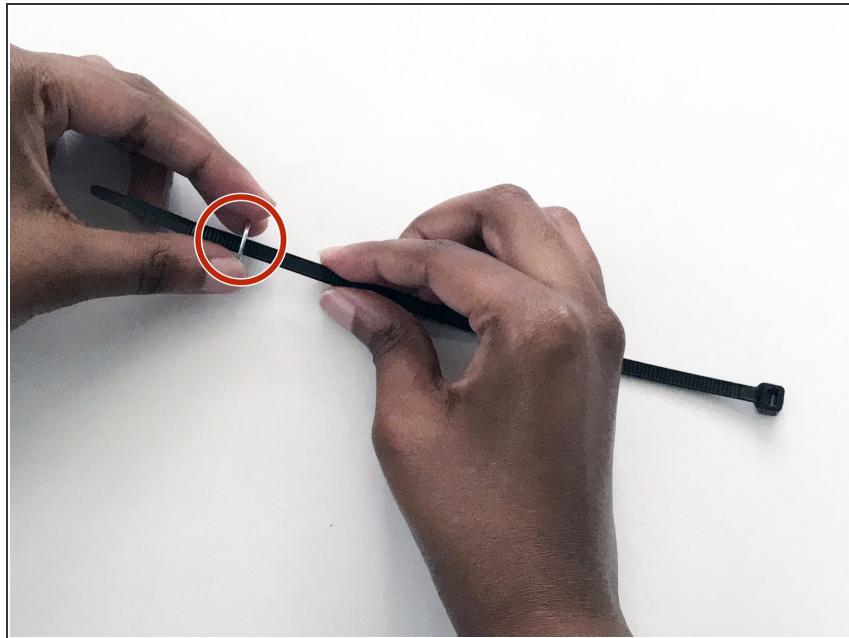
(i) Make the loop approximately **a half-inch**.

Step 6



- Cut off the extra zip tie material.

Step 7



- Pass the metal flat washer through the second 8-inch zip tie.
 - 4.8mm metal flat washer.

Step 8



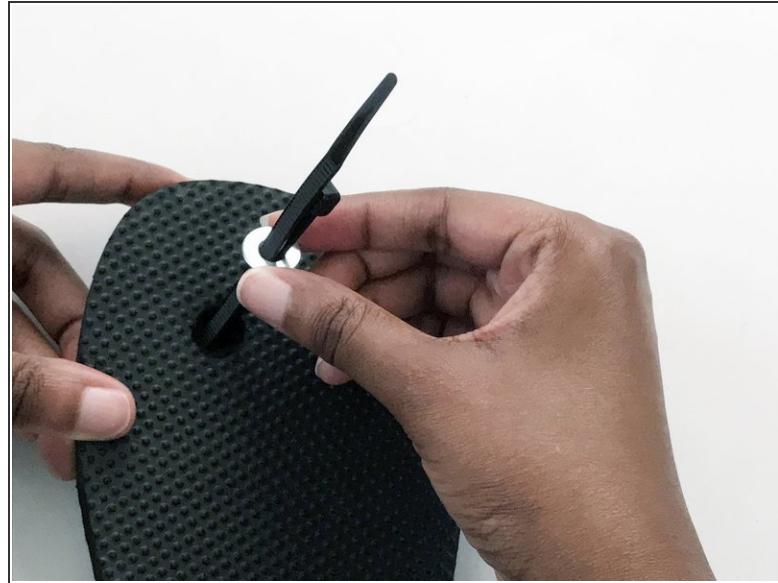
- Pass the tail end through the hole on the bottom of the flip-flop.

Step 9



- Pass the tail end through the loop of the first zip tie.

Step 10



- Return the tail end back through the hole.
- Pass the tail end into the 4.8mm metal flat washer.

(i) Turn the flip-flop on its side for a better view.

Step 11



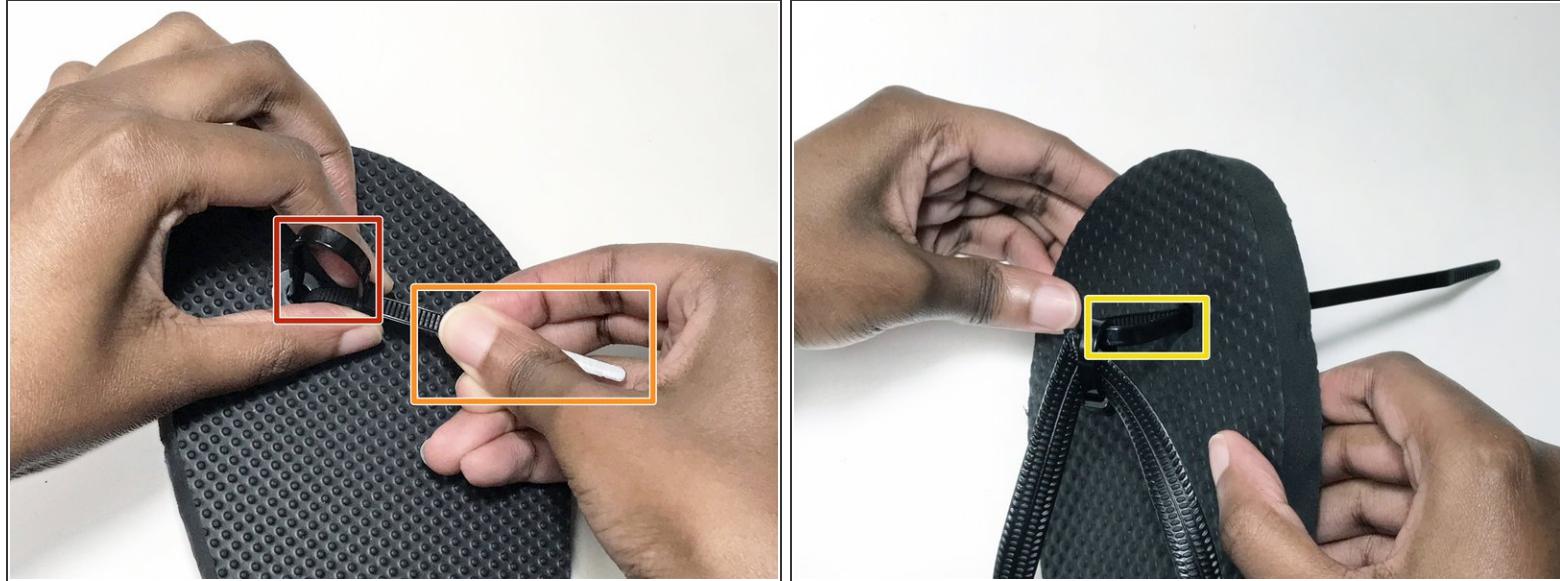
- Push the 4.8mm metal flat washer inside the hole of the flip-flop.

Step 12



- Insert the tail end into the head end.

Step 13



- Adjust the length of the zip tie to create a snug fit between your toes.
 - Push the **loop of the tail** into the hole.
 - Pull on the **tail end** until you're satisfied with the length.
- Turn the flip-flop over occasionally to check the length of the toe piece as needed.
 - Length of toe piece.

(i) This step might take some trial and error.

Step 14



- Push the head end into the hole of the flip-flop.

(i) It's okay if the head end does not fit perfectly inside the hole. It will eventually fit deeper into the hole from walking.

Step 15



- Cut off the extra zip tie material.

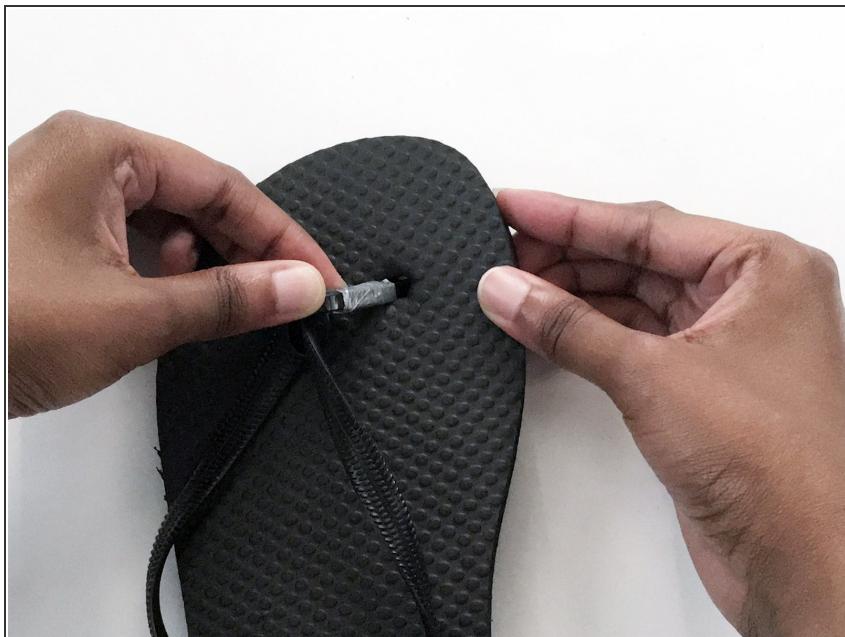
Step 16



- Cut off about a **1-inch** piece of heavy duty duct tape.

(i) You can use any color heavy duty duct tape to match the color of your flip-flop.

Step 17



- Wrap the 1-inch piece of heavy duty duct tape tightly around the toe piece of the flip-flop.

(i) If you don't have heavy duty duct tape, use two pieces of regular duct tape.

Your flip-flops are now restored! If you decide that you don't want them, please consider donating them to a local charity organization.

