

How to Change the Flint and Wick of a Zippo

One of the most important reason people buy a Zippo lighter is because it's reusability. If you are a Zippo user, you should know how it works. The flint creates hot sparks that light up the wick. The amazing part about Zippo is that you can replace the flint and wick after they are heavily used. This user instruction will guide you the way to change the flint and wick of a Zippo lighter.

Equipment and Supplies

To accomplish the task smoothly, you will need:

- Your Zippo lighter
- Zippo flint
- Zippo wick
- Slotted screwdriver
- Needle nose plier

Note: Although there are many different brands of flint and wick in the market, you are recommended to use the Zippo brand for safety and quality purposes.

Disassemble the lighter

Before you can replace the flint or wick, you will need to disassemble the lighter and remove the old components.

1. Open the case and pull out the lighter.
2. Use your screwdriver to unscrew the thread on the filter pad.
3. gently pull out the spring thread and remove any of the left over flint.
4. Remove the filter pad.
5. Use your needle nose plier to remove all the rayon balls inside the fuel tank.
6. Use your needle nose plier to pull out the old wick.

Install the wick

After you have successfully disassemble the Zippo lighter, you can start the process to replace the wick.

1. Push the new wick straight down until it goes little bit through the small hole.

Note: Since the hole is really small, if your wick is ruffled, you might find difficult to push the wick through. In this case you can use something that is really thin, for example, a toothpick to push the wick through the hole.

2. Use your needle nose plier to pull out the wick.
3. Even out the wick, so the string doesn't exceed chimney level.

Install the flint

Since we already unscrewed and pulled out the spring thread, install new flint can simply be done by

1. Put the new flint into the flint tube

Reassemble the lighter

Once you have replaced both wick and flint, you are ready to reassemble the lighter back.

1. Pull the wick aside and put one rayon ball into the tank
2. Use a screwdriver to push the ball down as deep as you can
3. fold the wick over and place another rayon ball into the tank
4. Repeat step 2 and step 3 until all the rayon balls are put back in.

Note: By putting the wick and rayon ball in this way, it creates a layer for the fuel to go through. So the wick can absorb the fuel evenly.

5. Place back the filter pad. The hole should go through the flint tube.
6. Place back the spring thread.
7. Use the screwdriver to screw back the thread.
8. Push the lighter back into the cover.

Now you have finish replacing the flint and wick, after you add fuel to your Zippo, it should work as a new one!

Note to Instructor:

These instructions were written for Zippo lighter users. These people will have the basic knowledge about how zippo works and the components inside the lighter. When followed this instruction, the user should be able to replace both flint and wick.