



Piccolo B Key Pad Replacement

This guide details how to replace the B key pad on a piccolo.

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INTRODUCTION

If your piccolo B key pad is old, worn down, and in need of replacement, this guide will give you step by step instructions on how to replace the pad.

In the “Tools” section of this guide, a torch lighter is listed as an optional resource if there is no access to a denatured alcohol lamp. Before using the torch lighter as described in the guide, be aware the torch lighter can leave unwanted residue on the surface of the key. This could change the appearance of the key.

Many of the tools listed, including the pad, shellac glue, and key clamp, can be found on <https://www.ferreestoolsinc.com/>.

TOOLS:

- 2.0 mm Flathead Screwdriver (1)

- Screw Extracting Pliers (1)

Optional

- Denatured alcohol lamp (1)

- Torch Lighter (1)

Optional if no access to denatured alcohol lamp

- Ice Pick (1)

Can be anything resembling an ice pick, such as a long, metal toothpick

- 9 mm pad (1)

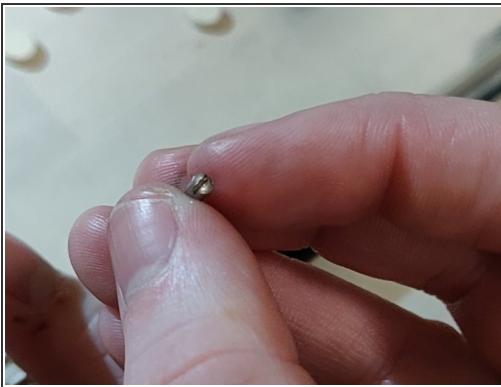
- Shellac Glue (1)

- Key oil (1)

- Pipe cleaner (1)

- Key clamp (1)

Step 1 — B key pad

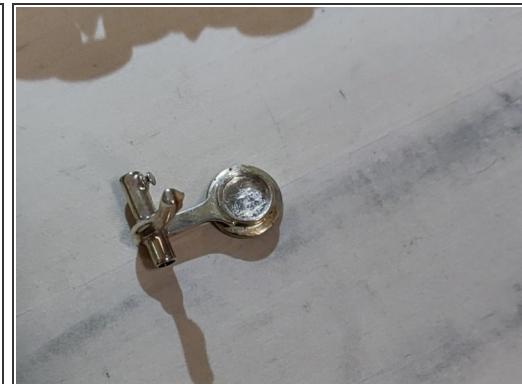


- Use the 2.0 mm screwdriver to unscrew the top rod of the piccolo.
- Once the screw is sufficiently removed, it can be completely pulled out with your fingers or with pliers.

⚠ If pliers are used, be sure to clamp at the two ends of the indentation. This ensures the indentation is not accidentally clamped shut.

- After the screw has been removed from the rod entirely, pull the B key off of the piccolo. There should be no resistance.

Step 2

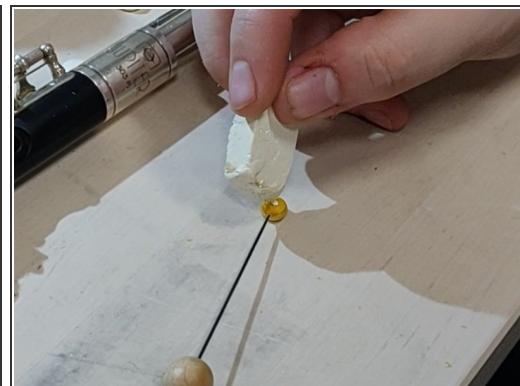
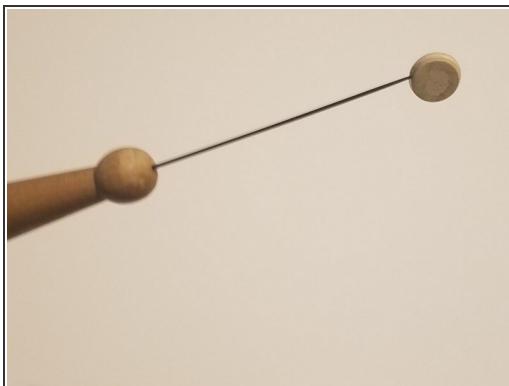


- Use the denatured alcohol lamp or torch lighter on the top of the key (opposite side of the pad) to melt the glue.

 The denatured alcohol lamp is used to ensure no residue is left on the top of the key. If the torch lighter is used, residue may be left over, changing the appearance of the key.

- Remove the old pad from the key.
- Scrape out any remaining glue with the 2.0 mm screwdriver.

Step 3



- Insert the metal pick into the side of the new pad.
- Melt the shellac with the denatured alcohol lamp or torch lighter.
- Apply the shellac to the pad.

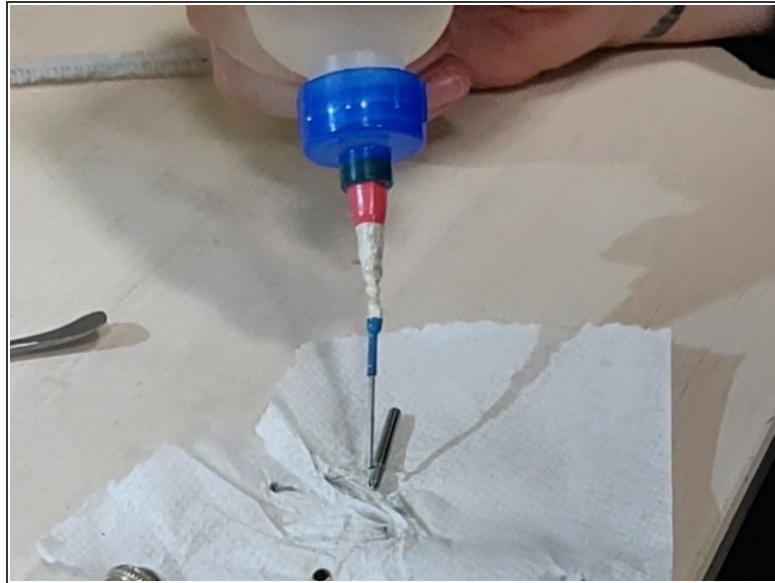
⚠ The pad should be rounded on one side and completely flat on the other. Ensure the shellac is applied to the completely flat side.

Step 4



- Holding the metal pick, place the pad glue side down into the key.
- If the glue on the new pad has dried too much to stick properly, heat the top of the key (opposite side of the pad) with the denatured alcohol lamp or torch lighter to melt the glue.

Step 5



- Clean the screw with a paper towel.
- Apply the key oil to the screw.
- Clean the inside of the B key rod with the pipe cleaner.
- Lubricate the inside of the B key rod by inserting the oiled screw.

Step 6



- Place the B key back in its spot.
- Insert the screw into the rod, and screw the rod into place with the 2.0 mm screwdriver.
- Use the clamp on the B key for at least 24 hours.

To reassemble your device, follow these instructions in reverse order.