



MacBook Pro 15" Touch Bar 2017 Keyboard Key Cap Replacement

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INTRODUCTION

The keys of this MacBook Pro model tends to get stuck when dirt manages to slide under the key, not responding properly anymore when pressed. This guide shows you how to lift off the key caps with a thin credit card to blow off dust or replace a broken key cap.

TOOLS:

Thin credit card or laminated piece of cardboard (1)

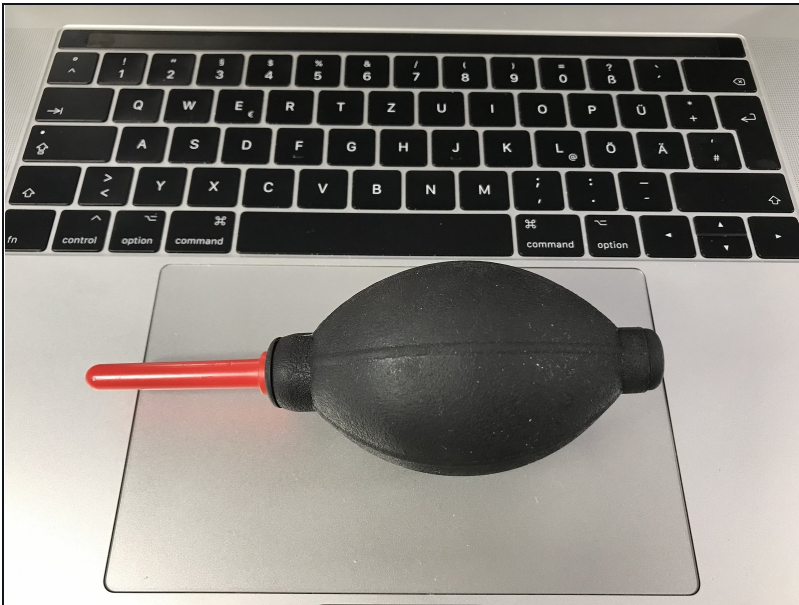
Bellow Dust Cleaner (1)

As used for camera cleaning.


PARTS:

MacBook Pro 13"/15" Retina (Touch Bar, Late 2016-2017) Keyboard (1)

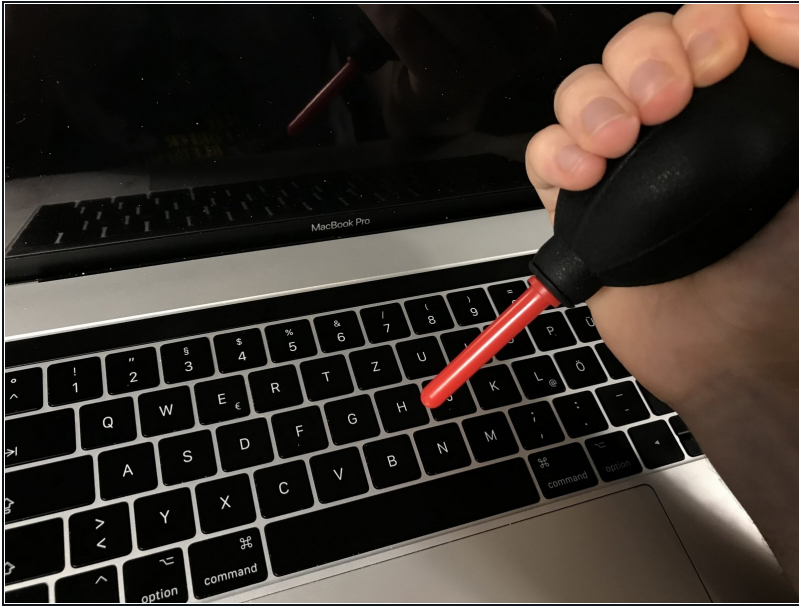
Step 1 — Keyboard Key Cap



- For blowing out the dirt you will need a bellow as they are used for camera cleaning.

 **Do not use compressed air or too much force when blowing.** Underneath the key is a fragile black piece of plastic that blocks off some of the key backlight. Too much air pressure can break this plastic making that key permanently lighter than the others.

Step 2



- Use the bellow to clean your keyboard. Otherwise you might end up getting even more dirt into the key after removing the cap.

Step 3



- ① You need a thin credit card or laminated piece of thin cardboard. It needs to be thin enough to fit into the gap between key cap and casing, but sturdy enough to lift the cap up.
- ① Most credit cards might be too thick for the job. I found one in my wallet that was thinner and more flexible than the others and it worked just fine.

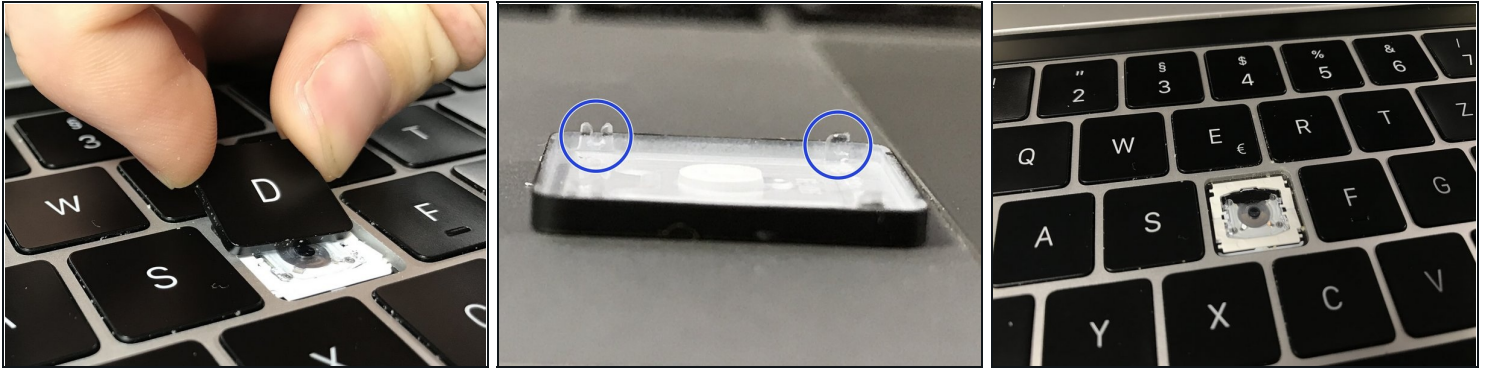
Step 4



- Slide the card into the gap between upper edge of the key cap and casing. (For the small "arrow up" key it's on the right side, for the "arrow down" key it's on the left side, for the "return" key it's on the left side.)
- Gently lever up until you hear two clicks (or up to four for longer keys like shift or space bar). They indicate that the cap is released on both notches.

⚠ Be careful not to use too much force. All parts of the MacBook keys are quite fragile with tiny plastic notches that can easily be broken.

Step 5

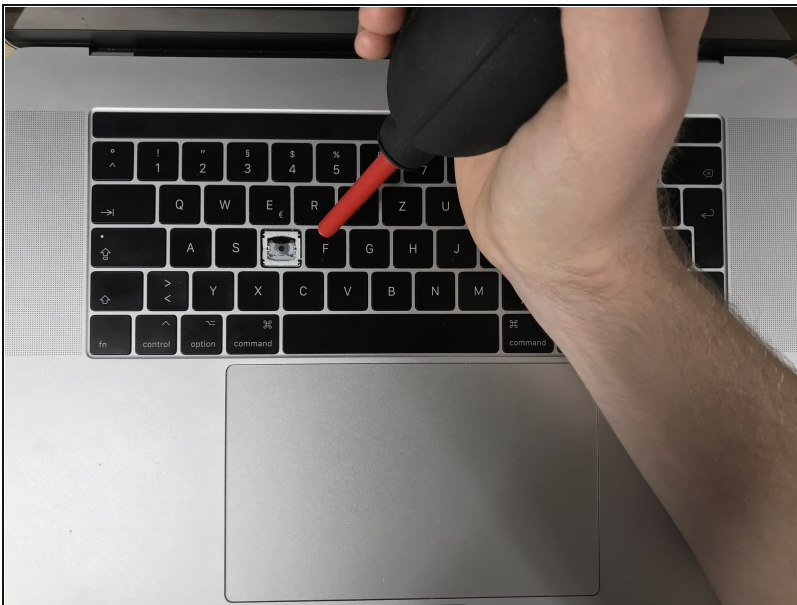


- While lifted up, take the key cap with your fingers and gently pull it towards the display.

⚠ Again, don't use much force. The cap can easily be pulled when dragged towards the display being fully released afterwards.

- ① When examining the back of the cap (second picture) you'll see that the notches on the upper edge of the key cap are designed to be pulled up (left circle) while the lower edge notches need to be slid (right circle).

Step 6



- Using the bellow, blow out dust and dirt.
- ① Remember not to use too much air pressure as the vulnerable black backlight cover is now directly exposed. Normal airflow is sufficient to get most of the dust out.

To put the key cap back on, follow the steps in reverse order: First you need to **slide** in the key cap on the lower edge and then gently **press** it into the two notches on the upper edge.