Texas Instruments TI-83 Plus Individual Keys Replacement

This guide will show you how to install individual keys if they break.

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INTRODUCTION

If one or a number of your keys are broken or cracked, causing malfunctions in operation or dangerous sharp edges, use this guide to safely replace them.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)
- Soft Cloth (1)
- T6 Torx Screwdriver (1)
- Tweezers (1)

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Step 1 — Backup Battery

- Remove the battery cover.

- Remove the AAA batteries from the calculator.

Step 2

- Remove the 5mm Philips #00 screw holding backup battery cover.

- Remove the backup battery cover.

Step 3

- Use plastic opening tool to remove the backup battery. Place the tool in the small cut-out next to the battery and pry the battery out.

- ⚠ Be careful, the backup battery is spring loaded and may shoot up when you remove it.
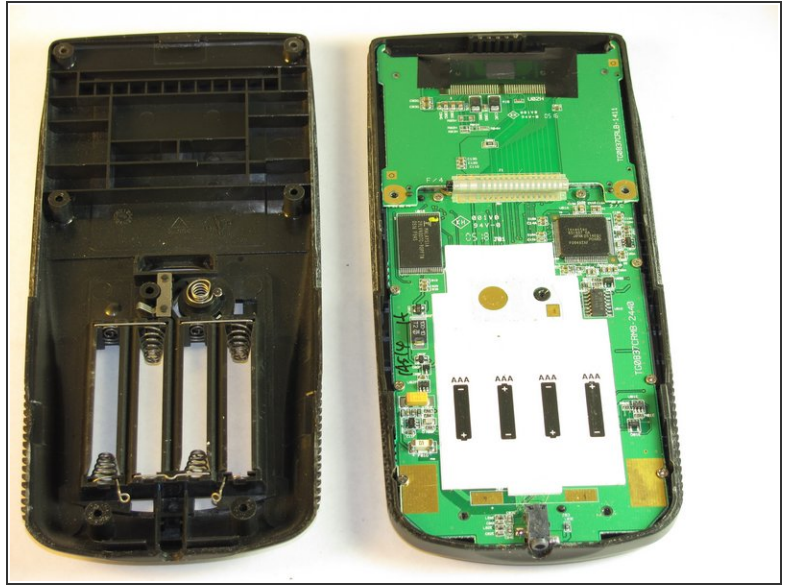
Step 4 — Back Case

- Unscrew the six 7.5mm T6 screws on the back case. You will need to use a screwdriver with a long and skinny head.

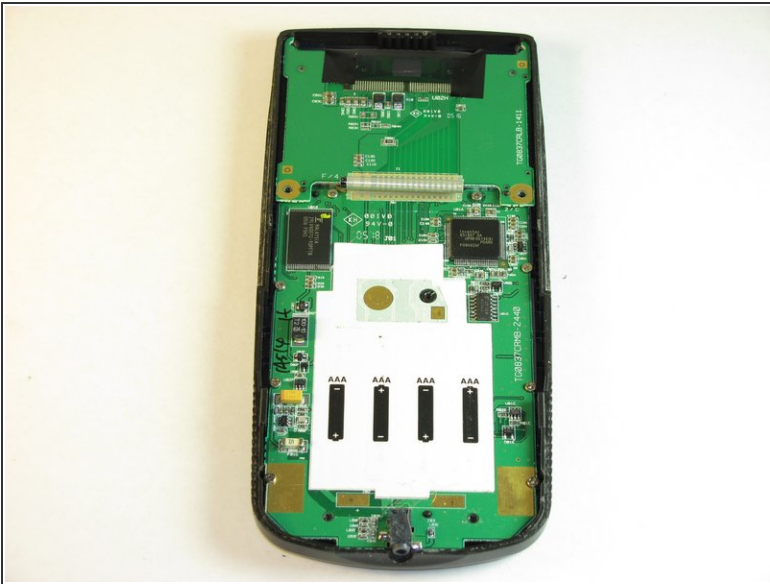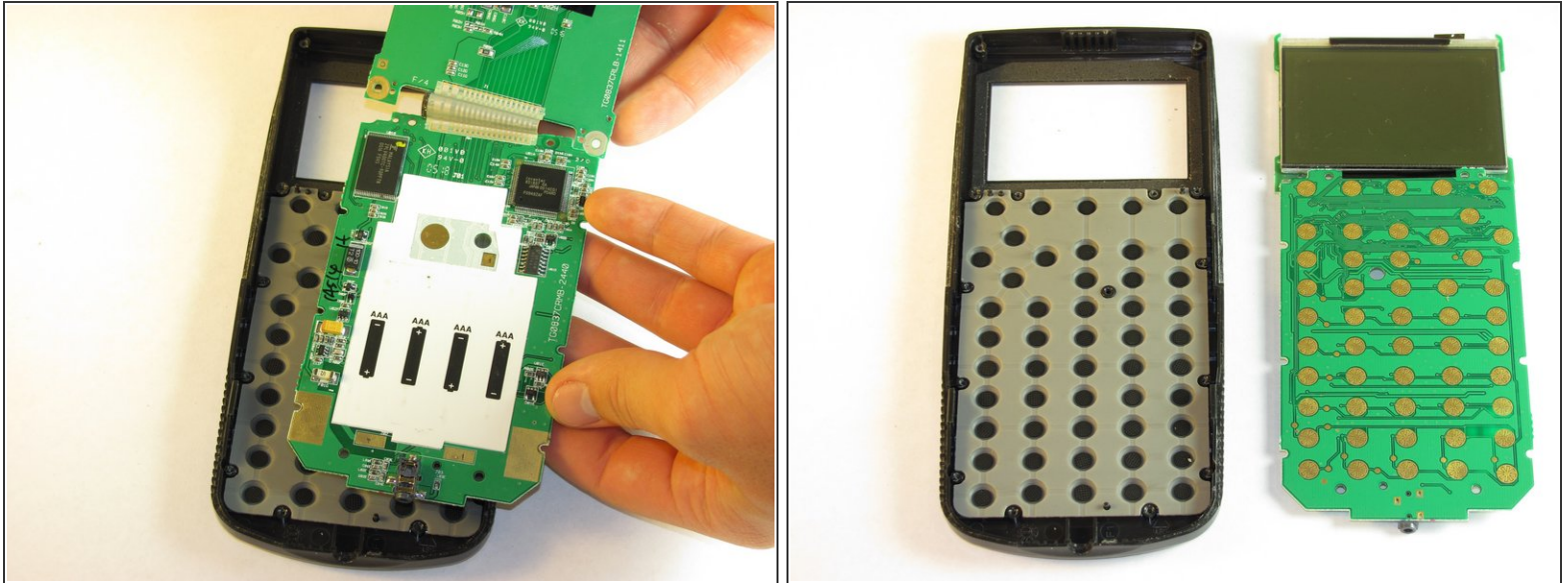This document was generated on 2019-09-19 10:53:55 AM (MST).

Step 5

- Pry back case off. Insert the plastic opening tool in the track for the protective cover and pry the halves of the case apart.

Step 6 — Motherboard & Screen

- (i) Keep the screen face-down during this step. Only the motherboard is attached to the face-plate and the screen may fall out.

- Remove the eight (8) 5mm Philips #00 screws on the motherboard.

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Step 7

- Carefully remove the motherboard and screen. Grab the board by its side with one hand and the screen with the other. Carefully lift the two parts up.

  (i) Keep the face-plate face-down to prevent the keys from falling out.
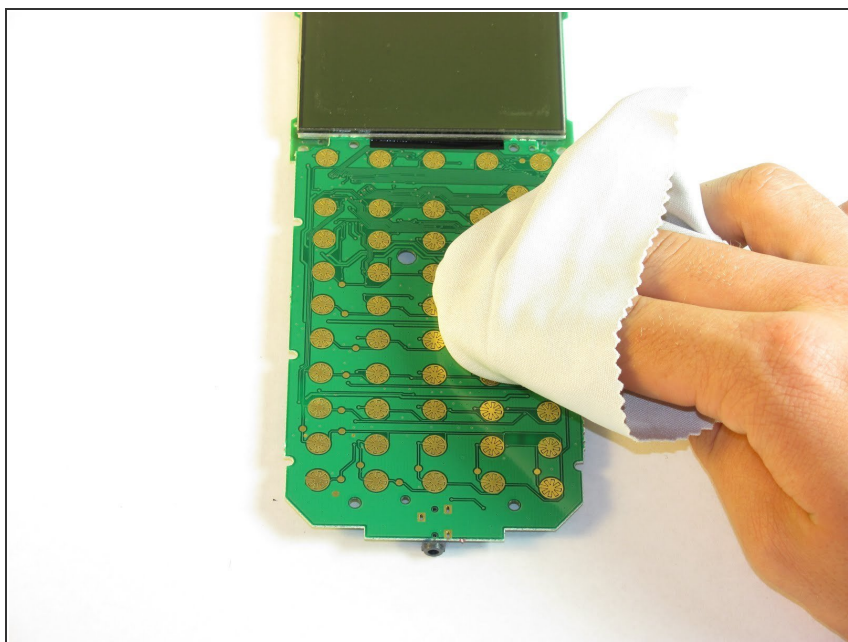
Step 8 — Keyboard Mat

- Remove light gray rubber keyboard mat.

  (i) Keep your calculator face down to ensure the individual keys do not fall out.

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Step 9

- Clean the contacts on the keyboard with a soft cloth.

Step 10 — Individual Keys

- Use tweezers to remove one key at a time.

(i) Be sure to keep them organized if you are taking out multiple keys.

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

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