



Texas Instruments TI-80 Motherboard and Screen Replacement

This guide shows you how to remove and replace the motherboard and the screen unit.

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INTRODUCTION

If your screen is damaged or your mother board is not working, you will need to access and replace both.

TOOLS:

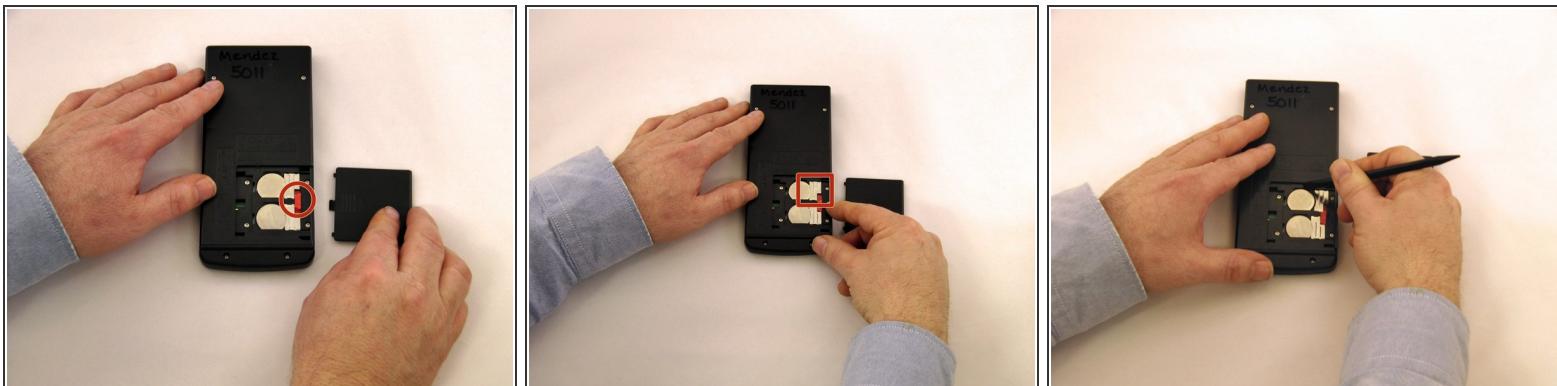
- [T6 Torx Screwdriver](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)

Step 1 — Batteries



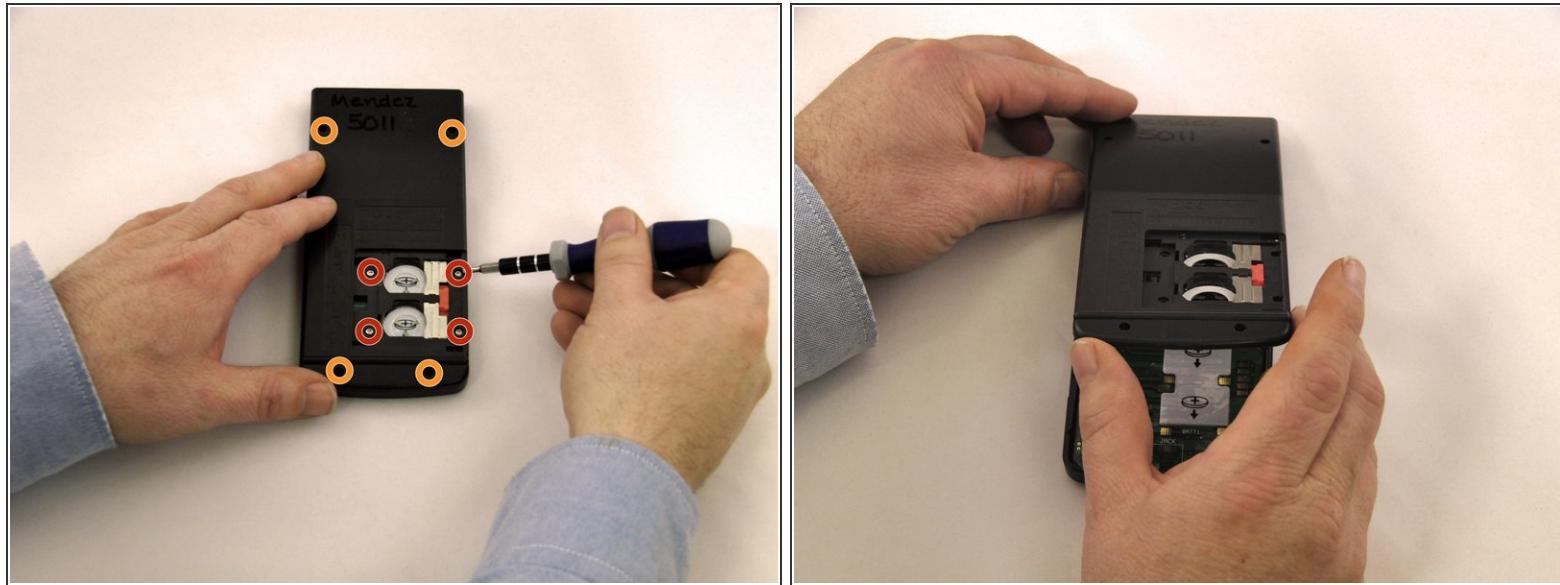
- Locate battery cover on the back of the case.
- Slide battery cover to the right to reveal the batteries.

Step 2



- Slide the red lock up.
- Slide the metal tab to the right of the bottom battery.
- Remove the 3-Volt Lithium Coin Cell Battery.
- Slide the red lock down.
- Slide the metal tab to the right of the top battery.
- Remove the 3-Volt Lithium Coin Cell Battery.

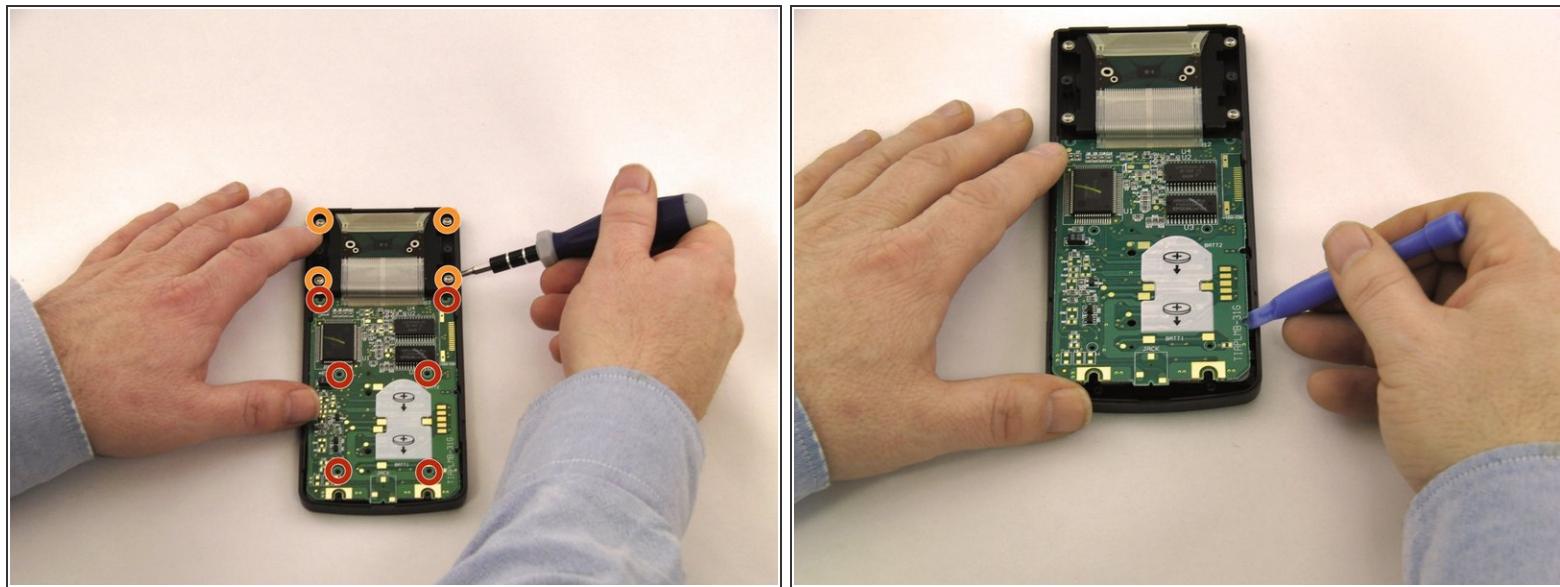
Step 3 — Back Casing



- Using a Torx, T-6 star-bit screwdriver unscrew four 7.38 mm screws from battery housing.
- Unscrew four 7.15 mm screws from back casing.
- Using the blue plastic opener tool along the seam of the case, pry off the back casing from the front casing.

(i) Start prying from the bottom of the calculator, as the case hooks into the top.

Step 4 — Motherboard and Screen



- Using a Philips PH0 screwdriver, remove the 6 screws. 2 from the top of the Motherboard, 2 from the middle, and 2 from the bottom of the Motherboard.
- Using a Phillips Ph0 screwdriver, remove 4 screws from the screen mount.
 - Using the blue plastic opening tool, pry the Motherboard up.
 - Using the blue plastic opening tool, pry up the screen from the screen mount.

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