



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:

- [Spudger](#) (1)
 - [T6 Torx Screwdriver](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Batteries



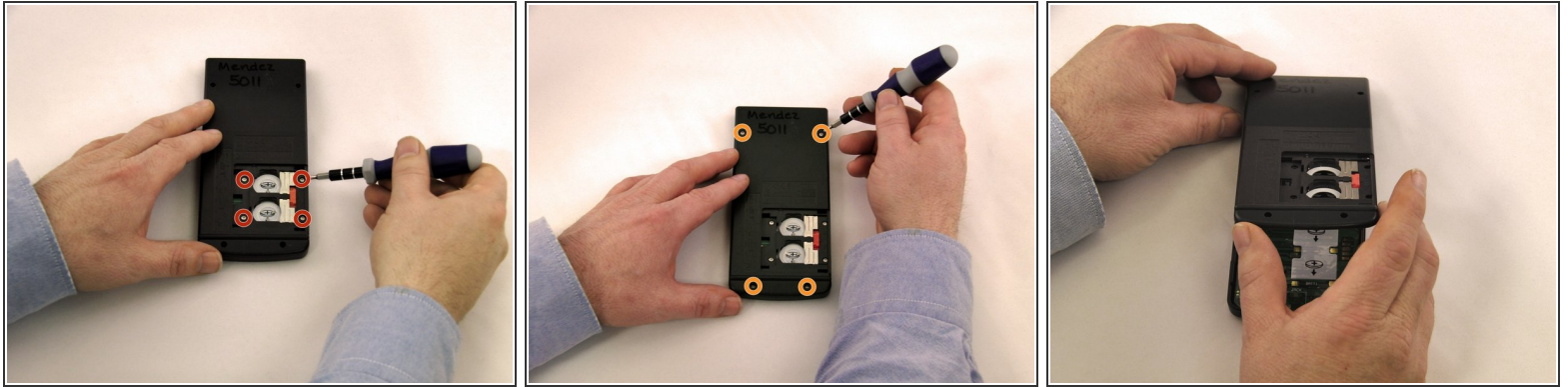
- Locate battery cover on the back of the case.
- Slide battery cover to the right reveal the batteries.

Step 2



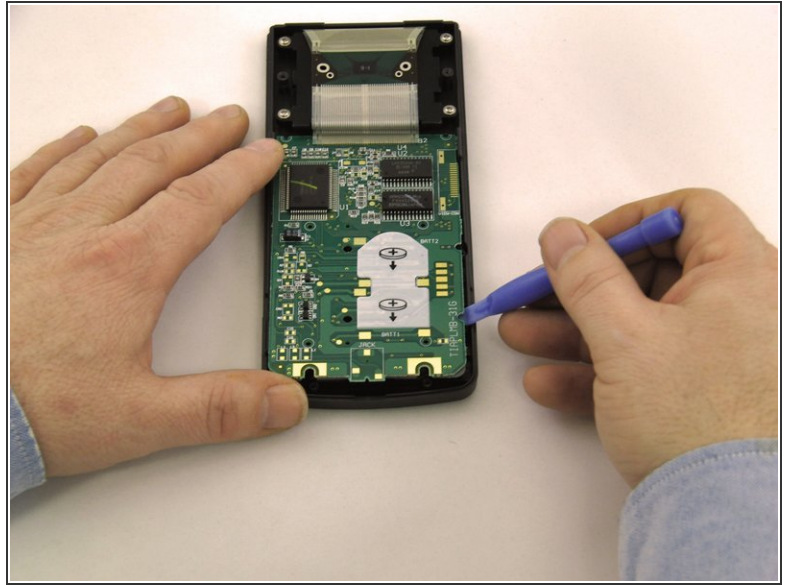
- Remove battery cover.
- Slide the red lock down.
 - Slide the metal tab to the right of the top battery.
- Remove the 3-Volt Lithium Coin Cell Battery.
- Slide the red lock up.
 - Slide the metal tab to the right of the bottom battery.
- Remove the 3-Volt Lithium Coin Cell Battery.

Step 3 — Back Case



- 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 front casing.
- ① Start prying from the bottom of the calculator as the casing 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.