



Texas Instruments TI-80 Motherboard and Screen Replacement

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

Written By: brian decater



INTRODUCTION

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

TOOLS:

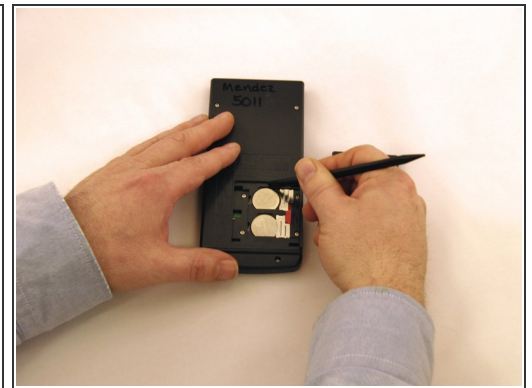
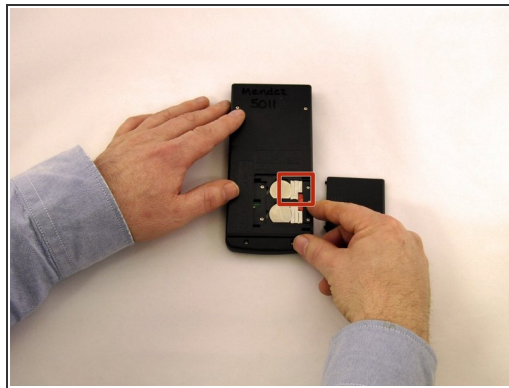
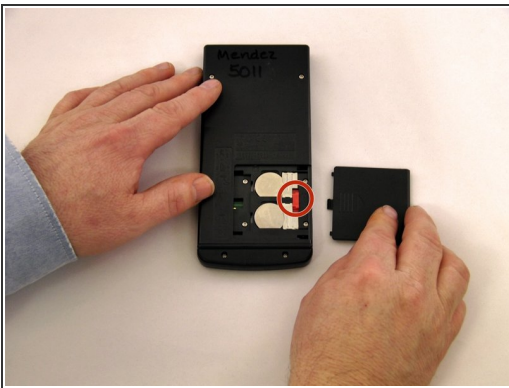
- [T6 Torx Screwdriver](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Batteries



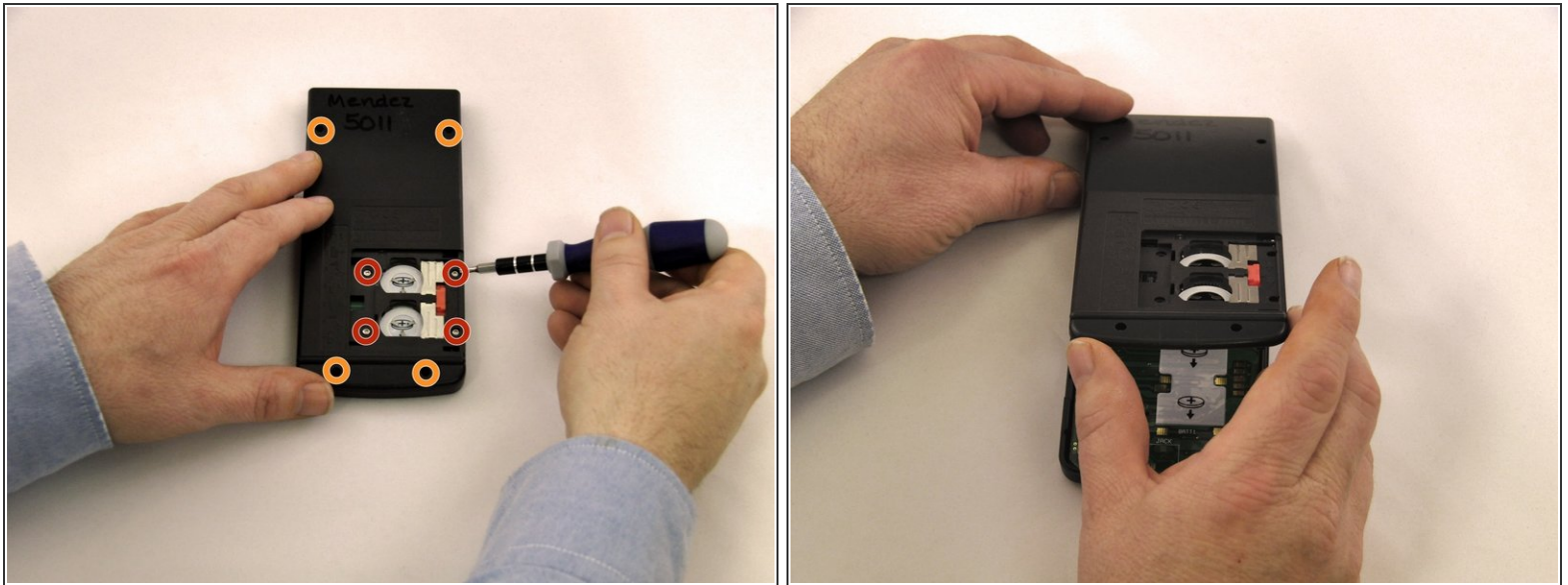
- Locate battery cover on the back of the case.
- Slide battery cover to the right to reveal the batteries.

Step 2



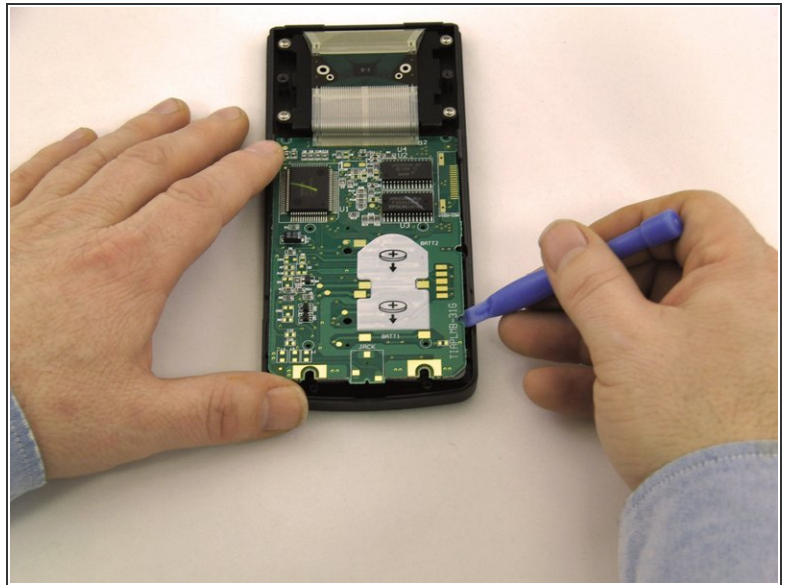
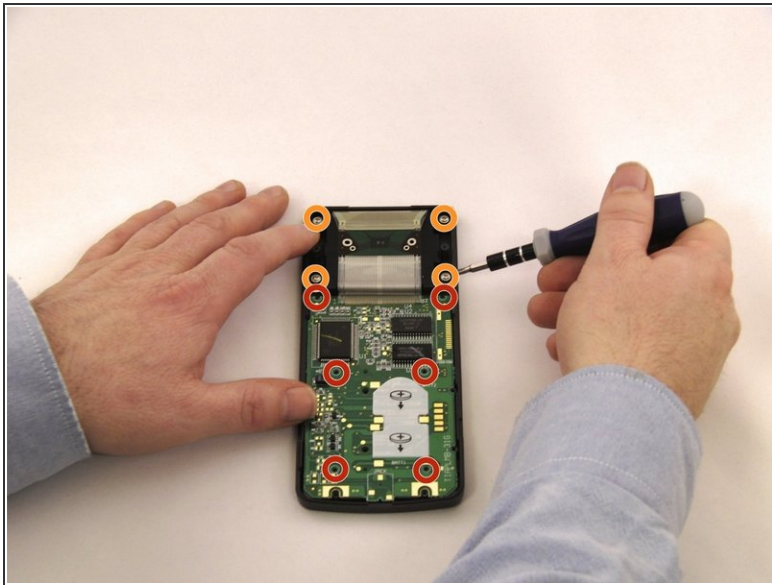
- Slide the red lock up.
 - Slide the metal tab to the right of the bottom battery.
 - Remove the 3-Volt Lithium Coin Cell Battery.
- Slide the red lock down.
 - Slide the metal tab to the right of the top battery.
 - Remove the 3-Volt Lithium Coin Cell Battery.

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 Phillips 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.