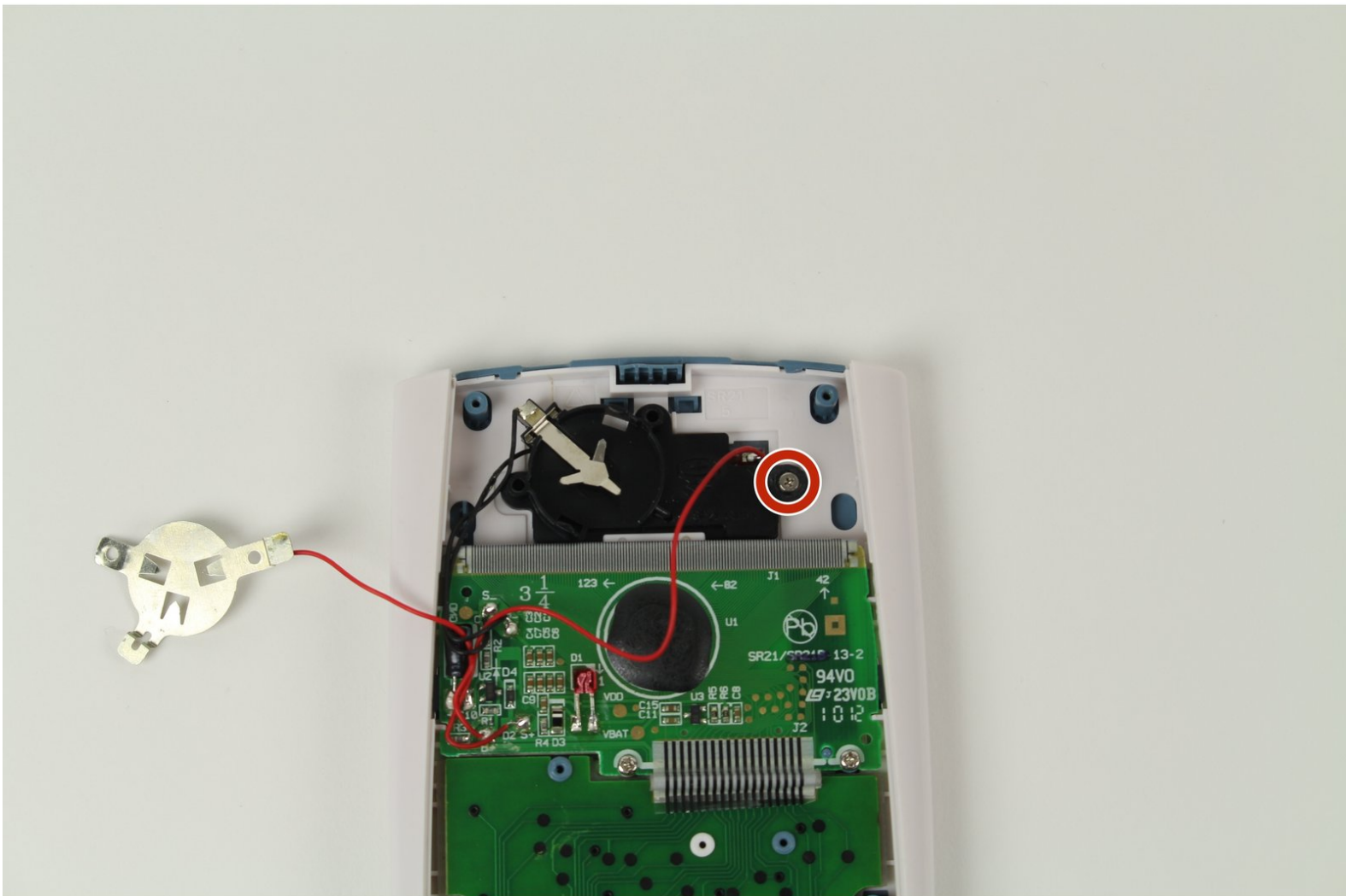




# Texas Instruments TI-30 XS Multiview Solar Panel Replacement

This guide will show you how to replace the solar panel that charges the battery in the TI-30 XS Multiview calculator.

Written By: Aaron Feinstein



---

## INTRODUCTION

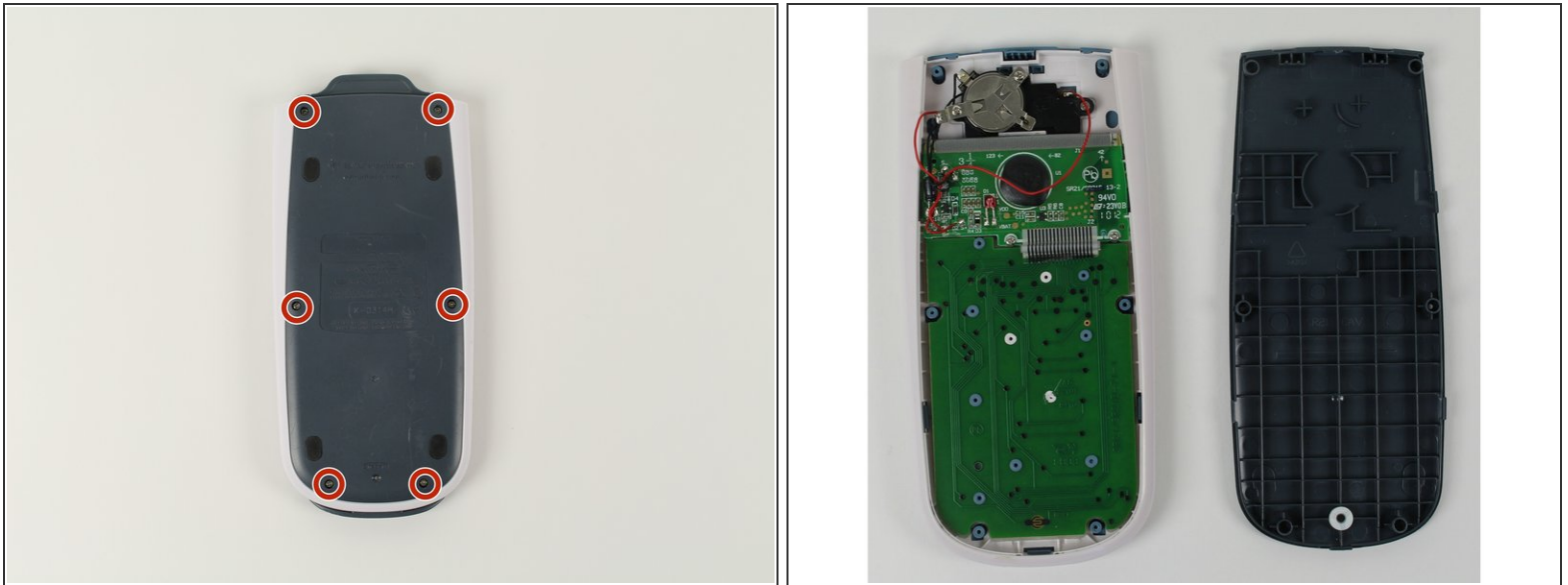
This guide will require a new solar panel part, as well as some soldering. If you're not sure how to solder, see iFixit's [soldering guide](#).

---

### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Soldering Iron](#) (1)
-

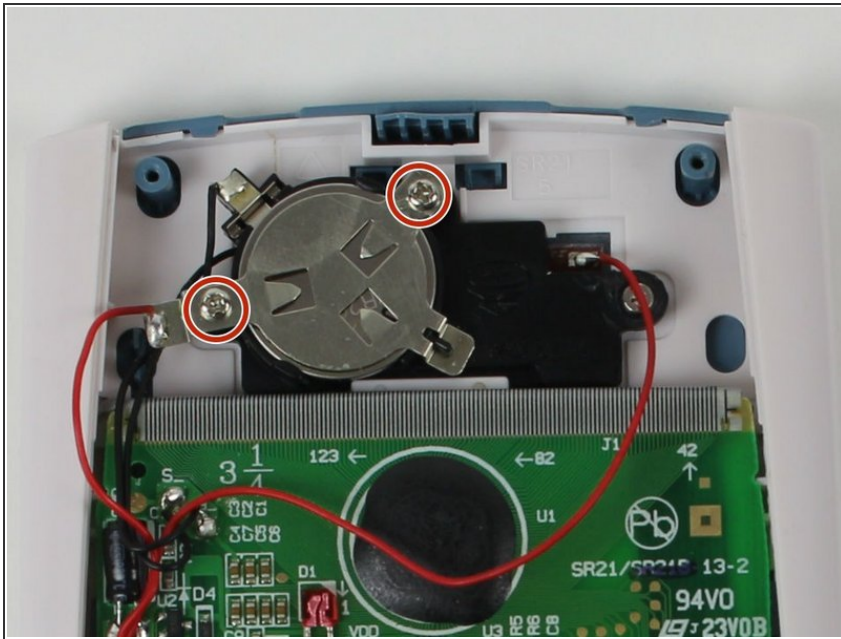
## Step 1 — Open the device



**⚠ If the screw is not turning, do not force it. This can strip the screw.** See the [How to Remove a Stripped Screw](#) guide if the screw is already stripped.

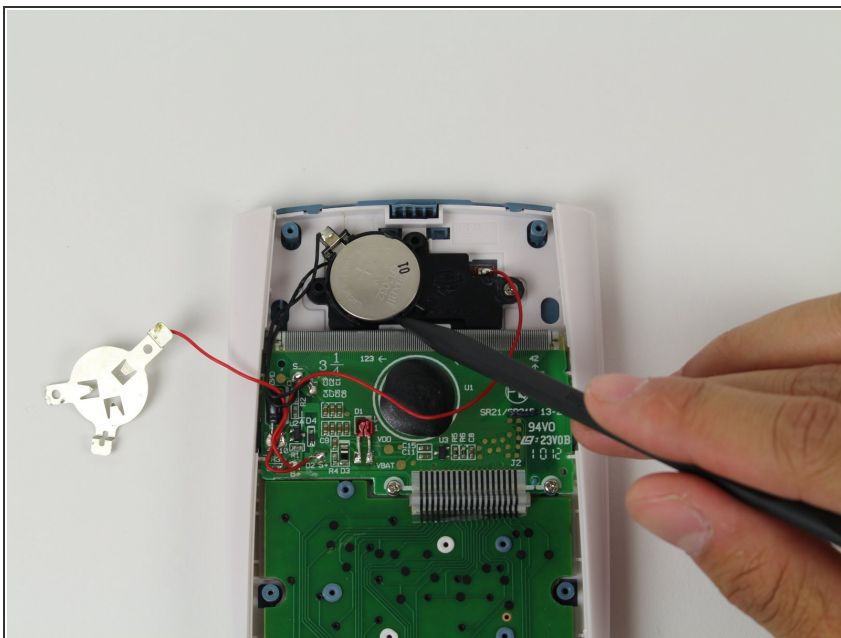
- Using the #00 screwdriver, unscrew the six, 6mm Phillips screws.
- Use the spudger to pry into the space between the blue back cover and the white body to take off the back cover.

## Step 2 — Open the battery compartment



- Using the #00 Phillips screwdriver unscrew the two, 3mm Phillips screws located near the top of the calculator.
- Lift the metal plate from the battery and set it to the side.

## Step 3 — Eject the battery



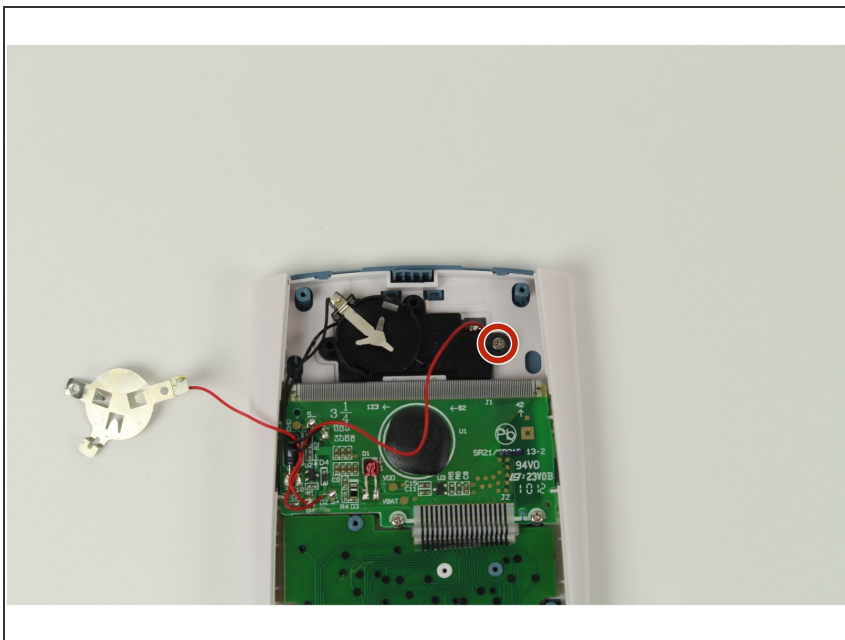
- Use the spudger to lift the battery up from the black holder.

## Step 4 — Finish up



- Put the new CR2032 battery in. **Never** insert a different type of battery!
- Reverse the steps 2 and 1.

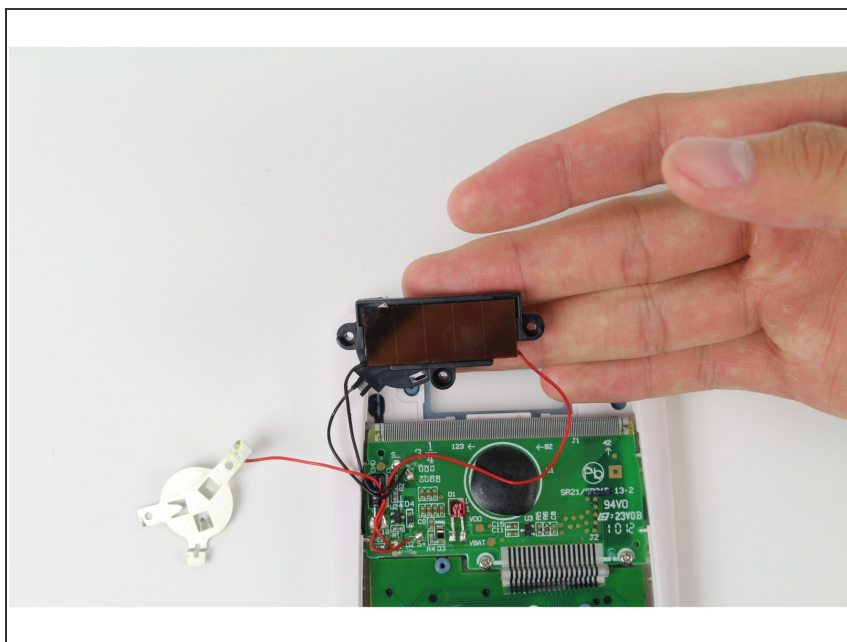
## Step 5 — Free the solar panel



- Use the #00 Phillips screwdriver to remove the one 3mm Phillips screw holding the solar panel in place.



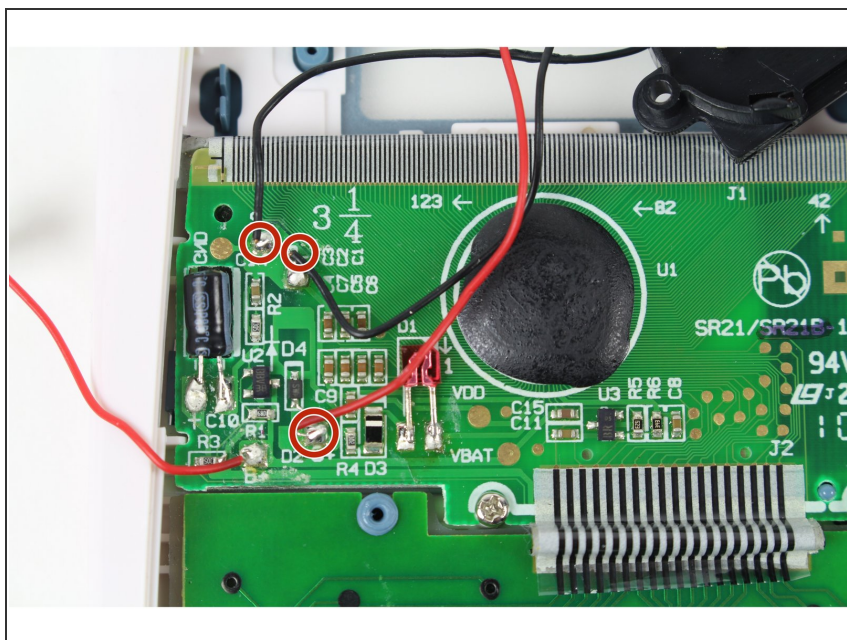
## Step 6 — Carefully pull the panel out



**!** Be careful not to pull the solar panel too far out, as the wires connecting it to the calculator are fragile and could be ripped off.

- Carefully pull the solar panel away from the calculator, as shown to the left.

## Step 7 — Unsolder the wires



**!** The capacitor might not be discharged. Proceed with caution.

- Unsolder the three wires from the motherboard.
- i** Unsoldering help can be found [here](#).
- i** To re-solder the wires from the new solar panel to the calculator motherboard take notice of the color and placement of the wires.

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