



How to fix a dead FLIR ONE

The FLIR ONE 2nd Gen has a flakey battery connector. If it appears totally dead, and won't charge, it may simply need to have the battery reconnected.

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INTRODUCTION

This is a simple repair. Open the device and reconnect the battery. No parts required, no screws. (for iPhone or Android)

FLIR will not repair FLIR ONE 2G! *"if the device is under warranty, we replace the unit directly as they are not being repaired. ... The one and only option left for you, is to have it repaired somewhere else as we do not support units that are out of warranty."*



TOOLS:

- [iFixit Opening Tools](#) (1)
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Step 1 — Open FLIR ONE



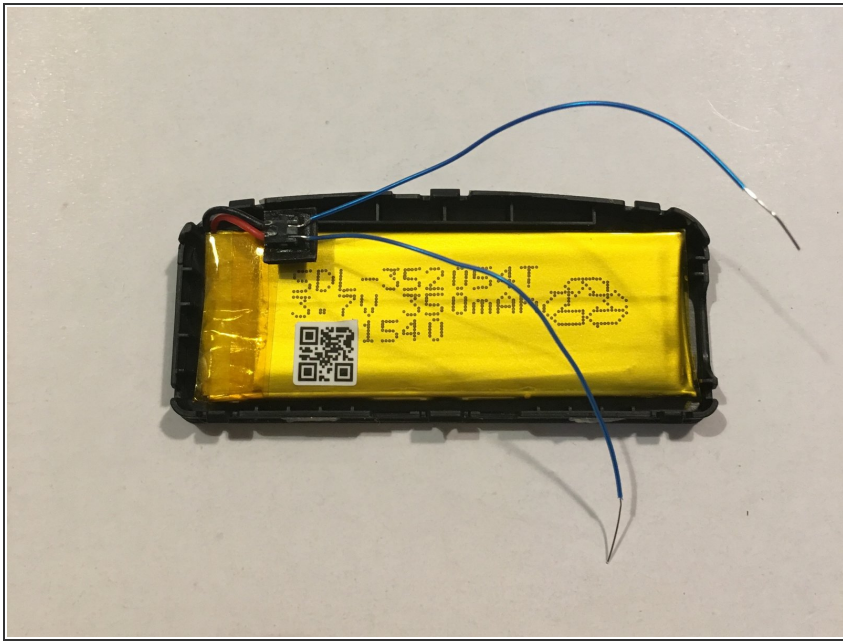
- Open the device with the opening tool in crack along top edge of back side.
- Continue carefully opening the device around all four edges.

Step 2 — Separate the two halves



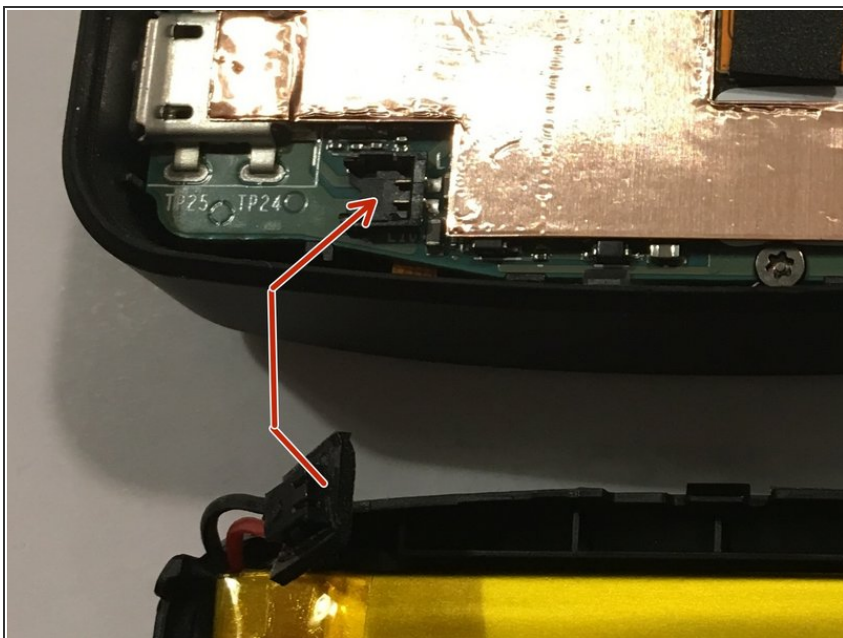
- The two halves will separate very easily and the battery connector will detach very easily.

Step 3 — OPTIONAL - Check battery



- OPTIONAL
- Lay two pieces of 30 gauge solid insulated wire (wire-wrap wire) onto connector. Press into the two slots to make connections.
- CAUTION - any wire or probe larger than 30 gauge is likely to damage the connector.
- Use a multimeter to check the battery voltage, it should be about 3.7 V.

Step 4 — Reconnect battery



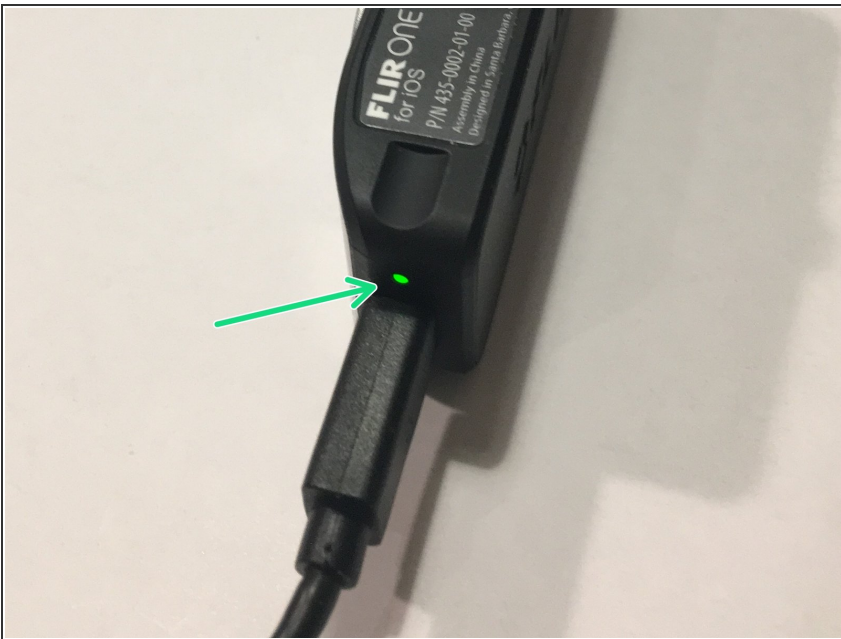
- Carefully reconnect the battery. The two halves of the connector press together easily when properly aligned.

Step 5 — Reassemble



- Press the two halves of the case together. You might see the LED in the button light or start blinking!

Step 6 — Done



- Charge the device. A blinking LED indicates charging, a steady LED indicates done.
- When charged, reconnect device to phone and try it!
- You may get the message "Camera Files Not Received. Camera files could not be read, temperature accuracy and MSX alignment may be degraded." This is apparently a bug in some versions of the FLIR ONE App.