

jolly logic

2015 Visual Repair Guide



Opening the Case

There are four little tabs that hold the case closed. They look like this:



A soft wooden or plastic pry bar is the ideal thing to use to open the case, but if you don't have one of those handy, you can use a small flat screw driver. Try not to scratch your case too much.

The key thing is to not push the tabs in too far. To avoid this, hold the case lengthwise in your fingers so that when you pry open the first tab your fingers keep the case from closing back up.

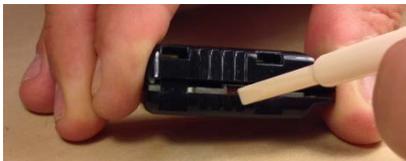
First, clamp your fingers on each end of the altimeter like so:



Then, on the side most convenient to you, gently push in (just a little) and down on one tab until you feel a slight gap open up in the case. Don't try to completely push the tab in! Just push it in a little to unhook it and keep the gap open with the hand that is clamping the ends. Do the same thing for the other tab on that side so that both tabs are unlatched.



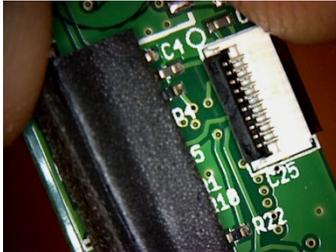
Once both tabs on one side are unlatched, you can then widen the gap and open the case.



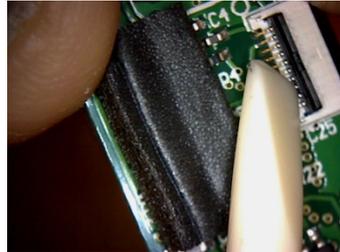
Replacing the LCD

The LCD has a ribbon cable which slides into a connector. The connector has a latch you must gently lift to allow the LCD to be removed.

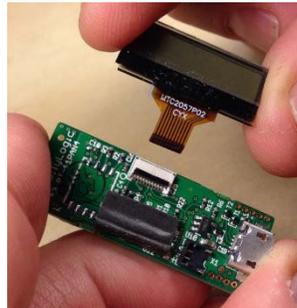
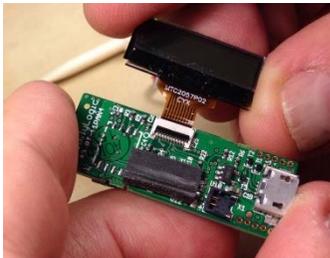
LCD latch closed:



LCD latch flipped up and open:



After latch is open, gently pull the LCD straight out from connector:



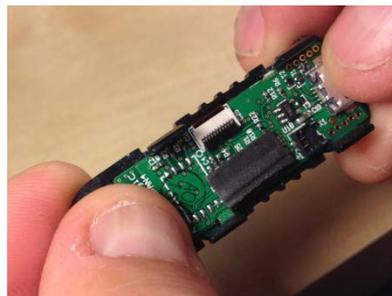
Slide ribbon cable of new LCD into connector so that most of the dark end is inserted into the connector. Wiggle as you push. Remember, the glassy side of the LCD (not the black side) should be facing up as you reconnect the LCD. (Do not remove the black plastic from the back of the LCD.)

The LCD needs to be inserted carefully into the top half of the case so that the LCD exactly fits in its little frame, with no gaps. Study the picture so that you face the LCD in the right direction.

Insert LCD this way:



Then nest board into case:

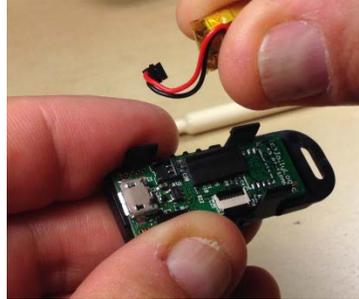
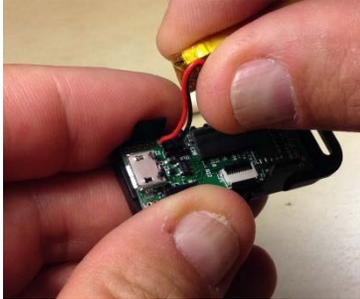


Check that LCD fits well:



Replacing the Battery

Grab both the red and black wires and gently pull straight up from the circuit board. The battery connector will unsnap.



There are the two sides to the tiny battery plug.

Side which snaps in:
(it looks darker)



Side which faces away from board:
(it looks a little shinier)



To reconnect, align the correct side of the plug to the connector on the board, and then snap it in by pressing it down into the board. When snapped in, it will be completely snapped into the connector. It should look like this when you are done:

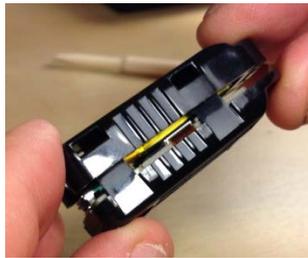
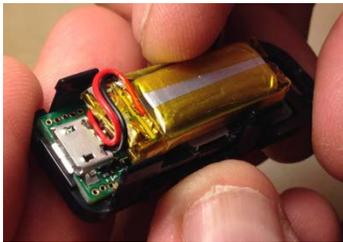


Now turn the battery so that it is the proper position for closing the case, and the wires should be nicely folded.



Closing the Case

With the LCD properly nested in the display side of the case and the battery wires nicely folded, lower the bottom case onto all four tabs. Just barely insert all four tabs **BEFORE** you try to snap the case together.



The two halves of the case should fit nicely together, with no wires showing.

The button should be visible and there should be no gap around the LCD.

All done.

Congratulations!



Questions?

We would love to hear from you.

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