



Disassembling Laptop Toshiba Satellite P855 P850 plus Hinge FIX,

I have described how to open and fully disassemble an laptop Toshiba Satellite P885 (more exact, P855-339). The info is for any Toshiba Satellite P855 or P850. also how to repair the hinge (broken, I have dropped the laptop on the floor).

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INTRODUCTION

I have described how to open and fully disassemble an laptop Toshiba Satellite P885 (more exact, P855-339). The info is for any Toshiba Satellite P855 or P850.

also how to repair the hinge (broken, I have dropped the laptop on the floor).

<https://www.youtube.com/watch?v=-OfPH12F...>

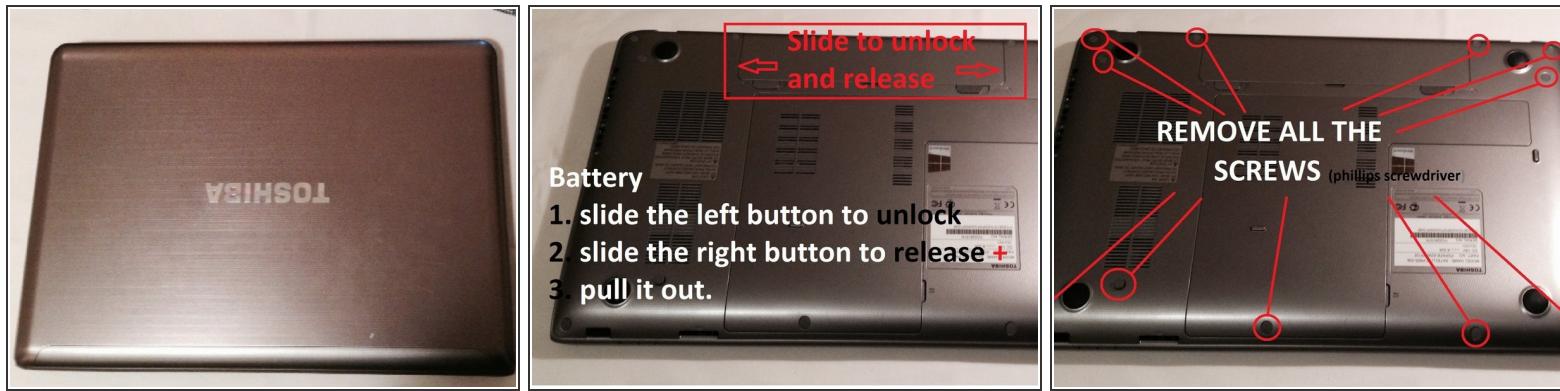
TOOLS:

- Phillips #0 Screwdriver (1)
- Cutter (1)

PARTS:

- 4 x dowel pin (1)

Step 1 — First look



ⓘ To open the laptop, first you have to unscrew the back-screws.

- 1. remove the plastic/rubber caps
- 2. unscrew the 12 screws.

⚠ ATTN: Do not forget!

- unplug the laptop from power source & remove the battery
- unscrew the 3 tiny screws behind the battery
- keep the lid closed till later on

Step 2 — Back - HDD, WIFI card,



(i) Here you have some details regarding the back of the laptop. After you got read of the back cover you can access the following:

- 1. WIFI card - Easy to change / replace There are two cables attached to it. Remove them, then unscrew the screw that holds the card in place and lift gently up - DONE.
- 2. HDD / SSD. All you have to do is grab and pull the ribbon (as in photo). There are a few extra steps to change it.

Step 3 — Removing the keyboard



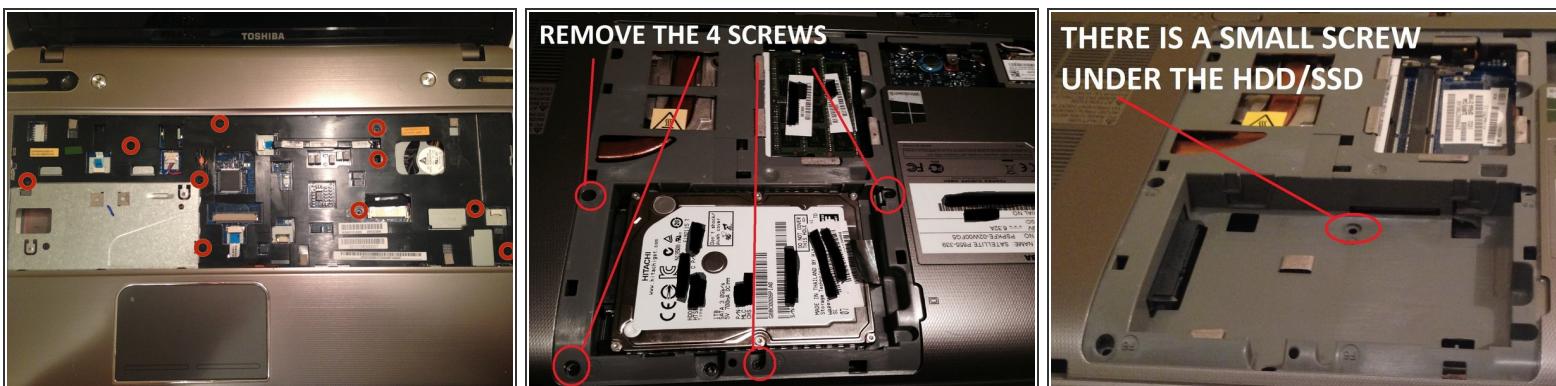
(i) Now to remove or change the keyboard

- 1. Insert gently the cutter (or other sharp tool) and press towards the screen & flip up slowly.
- To remove it completely unplug the two connectors.

(i) After removing the keyboard you find:

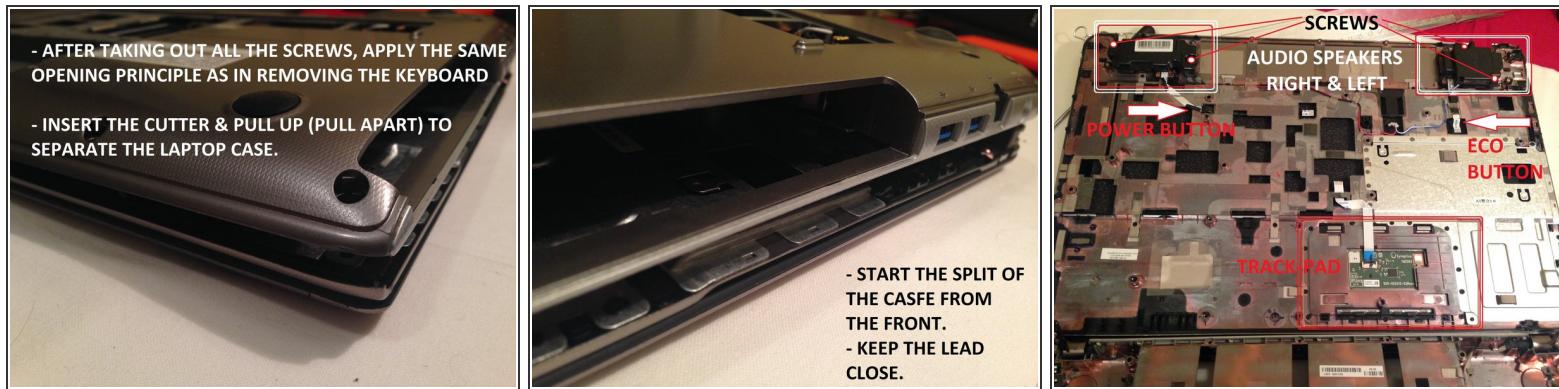
- 1. ECO Button
- 2. Sound
- 3. Power button
- 4. Mouse pad

Step 4 — Removing the screws to open the case



(i) remove all the screws as shown in the images.

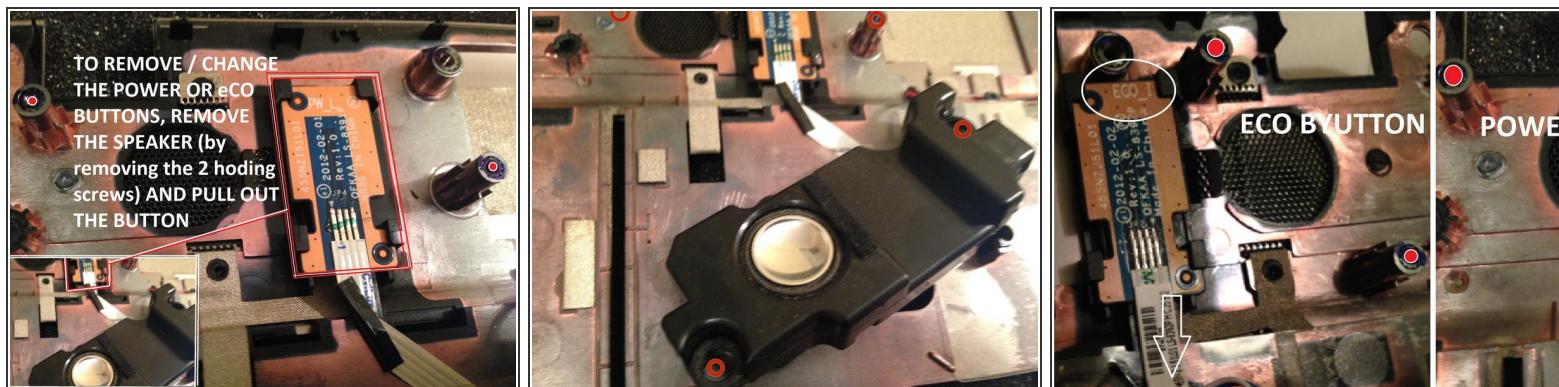
Step 5 — Splitting the case an upper side (under theh keyboard)



ⓘ Opening the case is easy, follow the steps as shown.

- To change / remove the speakers remove the screws.
- To change / remove the Eco/3D button or power button, yo have to remove first the speakers.

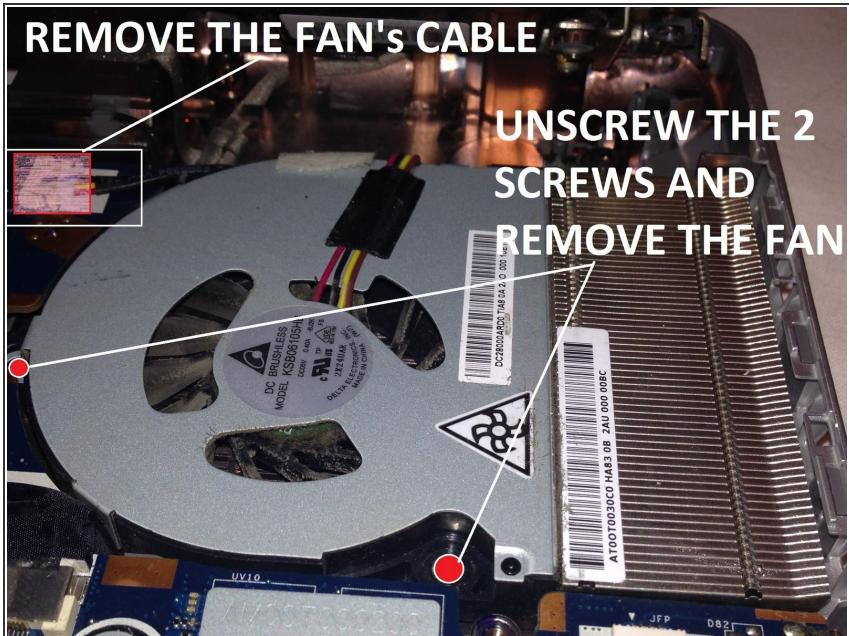
Step 6 — Change / remove speakers and buttons (Power and Eco/3D)



ⓘ Still more steps to come :), probably till 12... so min 6 more.

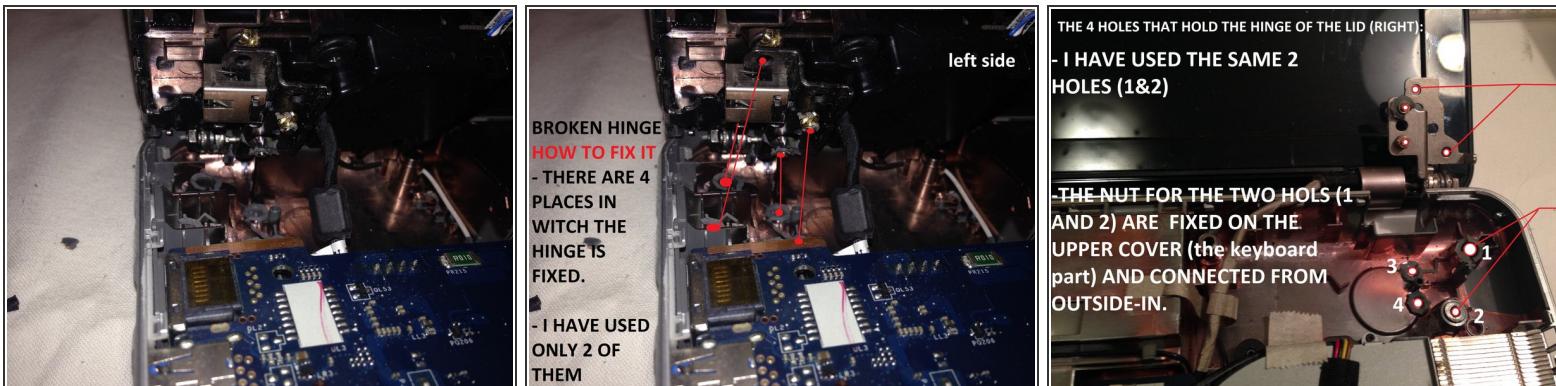
ⓘ I will show you how to repair a broken hinge (plastic broken) - easy.

Step 7 — CPU fan cable remove



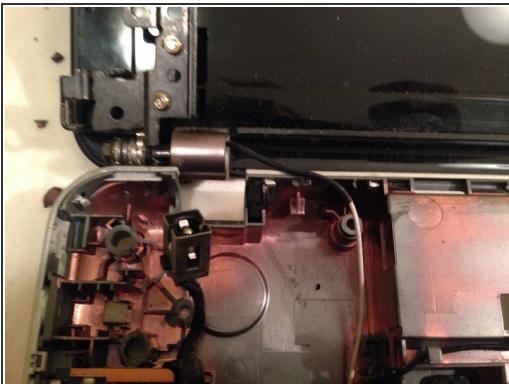
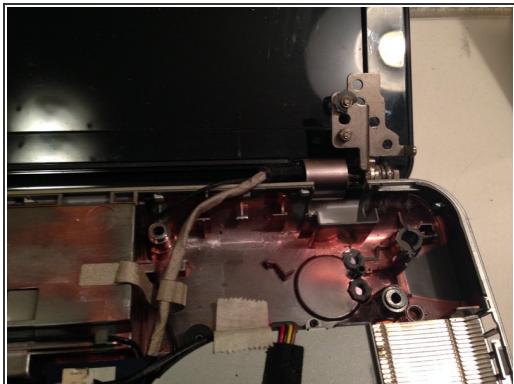
- Remove the fan cable
- *i* If you want to change the CPU fan, there are 2 screws that you have to remove (picture)

Step 8 — Start repairing the broken hinge



- *i* Broken hinge, detailed photo

Step 9 — Repairing the broken hinge [detailed photo]

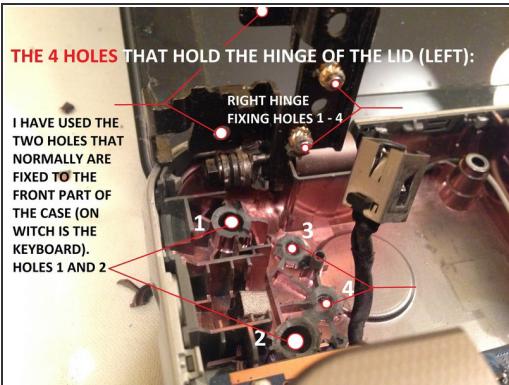
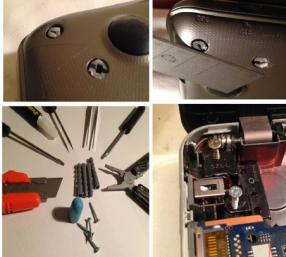


① Repairing the broken hinge [detailed photo]

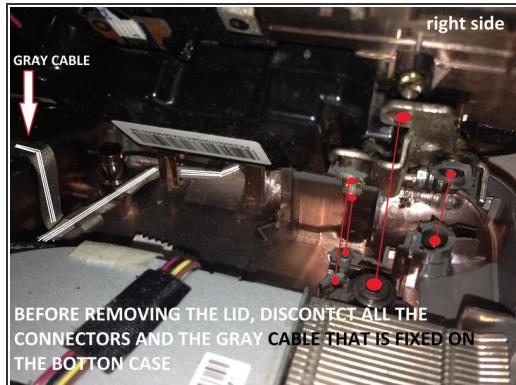
Step 10 — Repairing the broken hinge [detailed photo] (2)



IN ORDER TO FIX THE LID I HAVE USED 4 DOWEL PIN THAT FIT THE HOLE FROM BOTTOM UP.



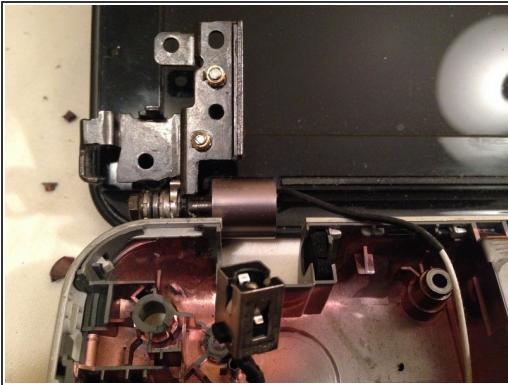
I HAVE USED THE TWO HOLES THAT NORMALLY ARE FIXED TO THE FRONT PART OF THE CASE (ON WHICH IS THE KEYBOARD). HOLES 1 AND 2



BEFORE REMOVING THE LID, DISCONNECT ALL THE CONNECTORS AND THE GRAY CABLE THAT IS FIXED ON THE BOTTOM CASE

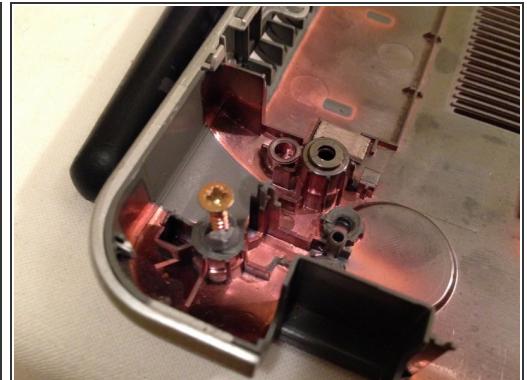
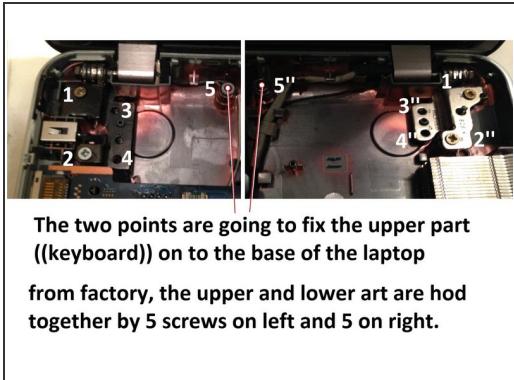
- do not forget about the grey cable attached on the bottom side.
- When reattaching the cable, put some thermal paste on the contact (gray cable)

Step 11 — Fixing the hinge with plastic dowel pin



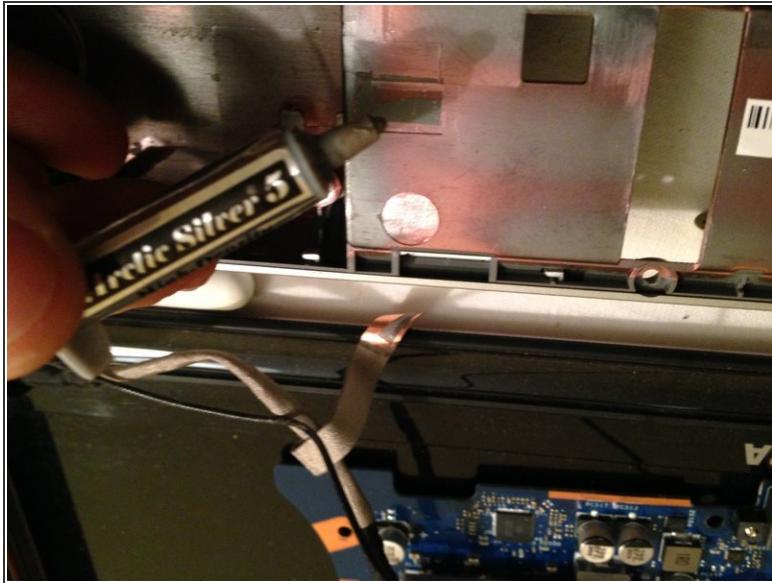
- insert the plastic dowel pin from bottom-up and level it inside at the same height with other screw holes

Step 12 — Detailed img for inserting the plastic dowel pin



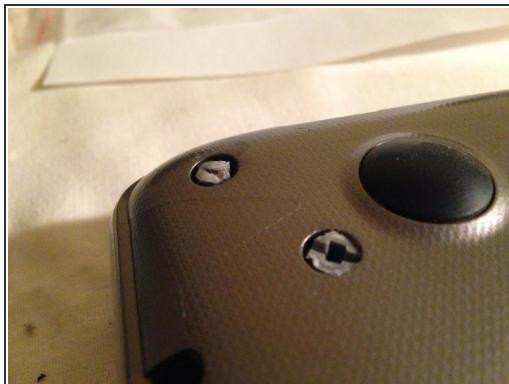
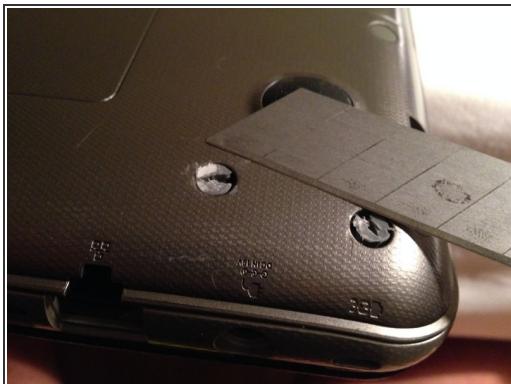
- follow the pics

Step 13



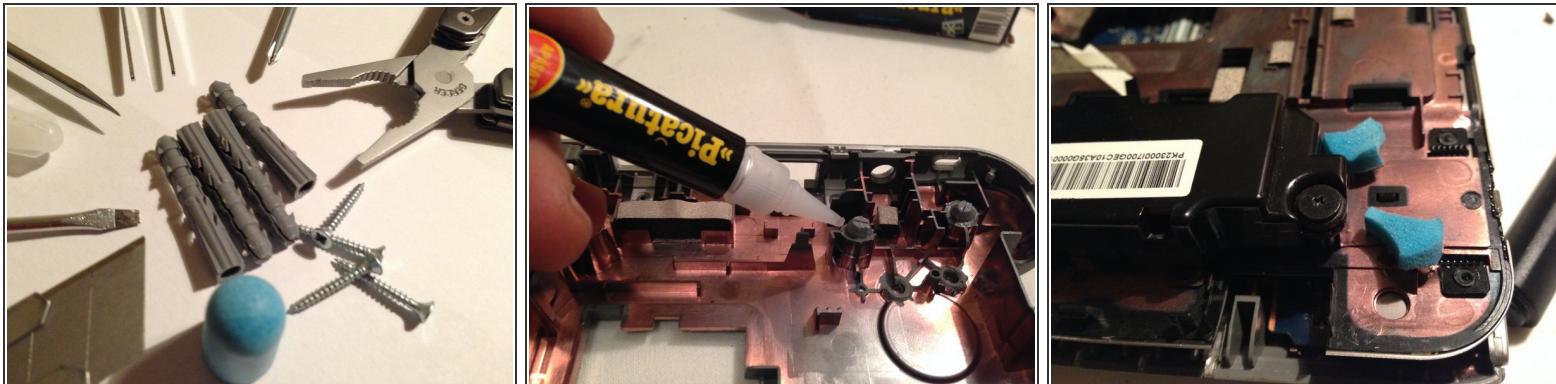
- add some thermal paste to the gray cable

Step 14 — Outside & inside finishing



- Cut the excess plastic from the dowel pin
- Put some super-glue to fix it in place

Step 15 — Outside & inside finishing (2)



- I have glued some foam near the speakers in order to protect the area

Step 16 — Final touches



- Glue inside the plastic dowel pin
- Use thermal paste to fix the gray cable (i have used silver paste)

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