



MacBook Pro 13" Function Keys 2017 Screen Assembly Replacement

Remove and replace a damaged display assembly.

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 **TOOLS:**

- [64 Bit Driver Kit \(1\)](#)
P2, P5, T3, T4, T8

 **PARTS:**

- [MacBook Pro 13" Retina \(Late 2016-2017\) Display Assembly \(1\)](#)

Step 1 — Screen Assembly



- The screen assembly I am using in this tutorial arrived encased in foam, bubble wrap and styrophome. Quite a pleasure to unpack.

Step 2



- With the size of some of the screws I found it a bit of a challenge to determine the screw head size. I hope the pictures help. This pic shows that I use P2,P3,T3,T4 and T8 bits.

Step 3



- Start with removing the 4 corner screws and the two center screws from around the bottom panel.
**NOTE the screws next to the hinge are a different length (longer) than the two at the other two corners, and the two center screws are the shortest. so keep that in mind when putting your MacBook back together.

Step 4



- There are a few clips holding the bottom in place so after removing the screws I used a suction cup and pulled the back off. This took a bit more force than seems good but I found it safer than using a splugger around the edges.

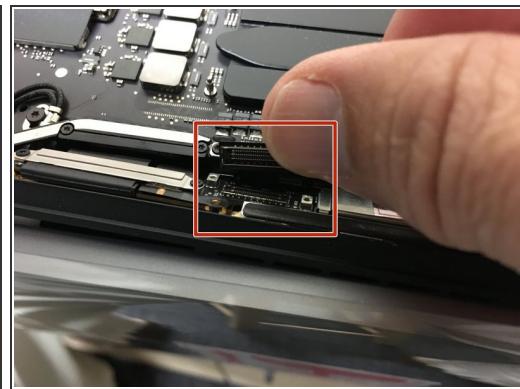
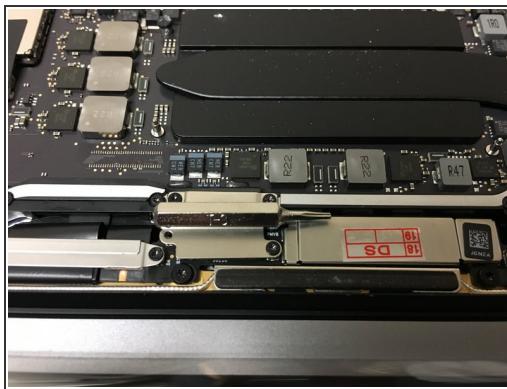
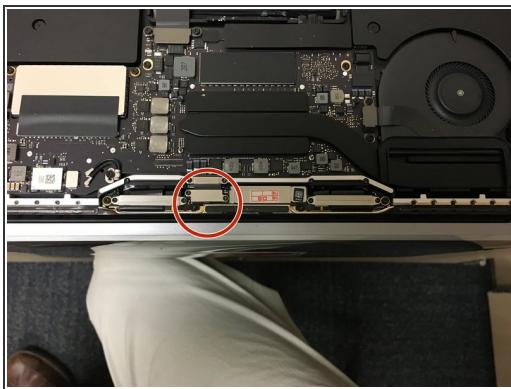
Step 5



(i) Disconnect the battery before proceeding.

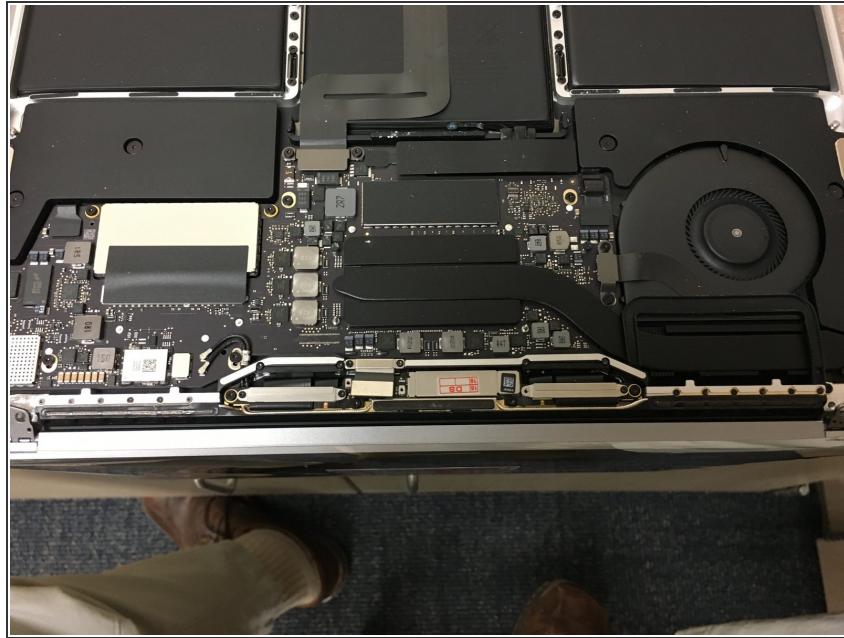
- Now comes the hinge screws. Actually, for the next few steps it probably does not matter what order you remove the screws. But I did the hinges next. These require a T8 diver.
- I forgot to get a picture of the hinge caps that will need to be removed first. These required a P3 driver, and the screws are very tiny. Once these screws were removed you can pry off the hinge caps and access the hinges.

Step 6



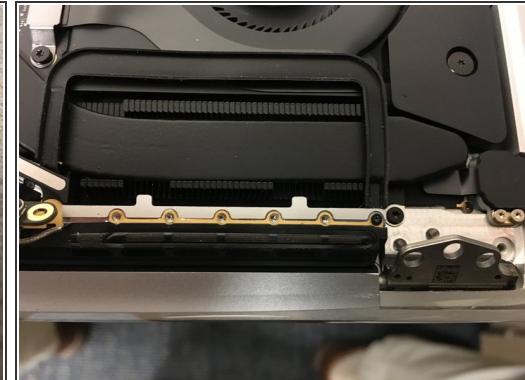
- Remove the video cable cover. and using a plastic splugger disconnect the video cable.

Step 7



- Insert wisdom here.

Step 8



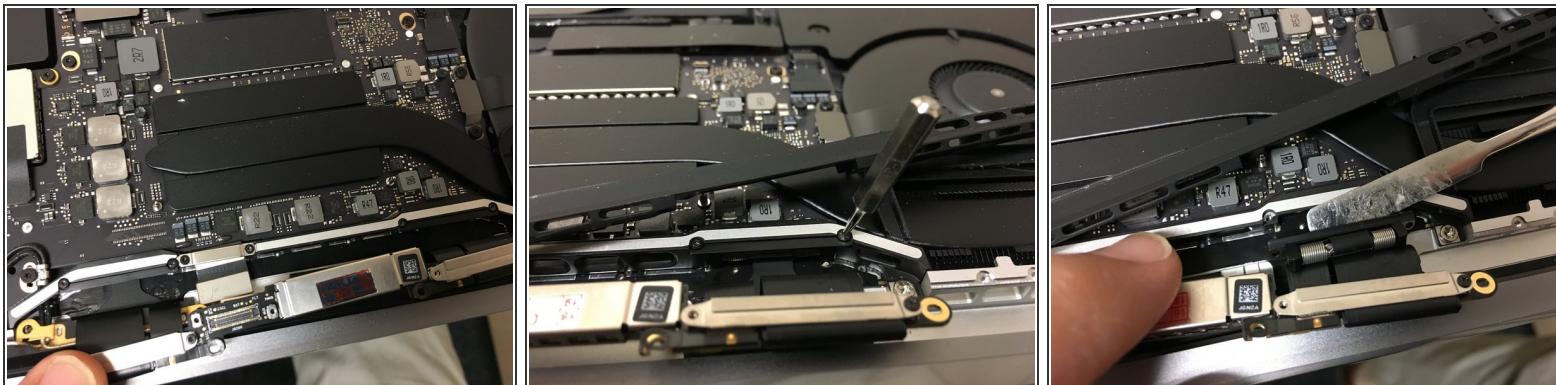
- OK doing good so far? Here is a fun step. Using the P2 remove all the little screws on both sides as highlighted in the picture.

Step 9



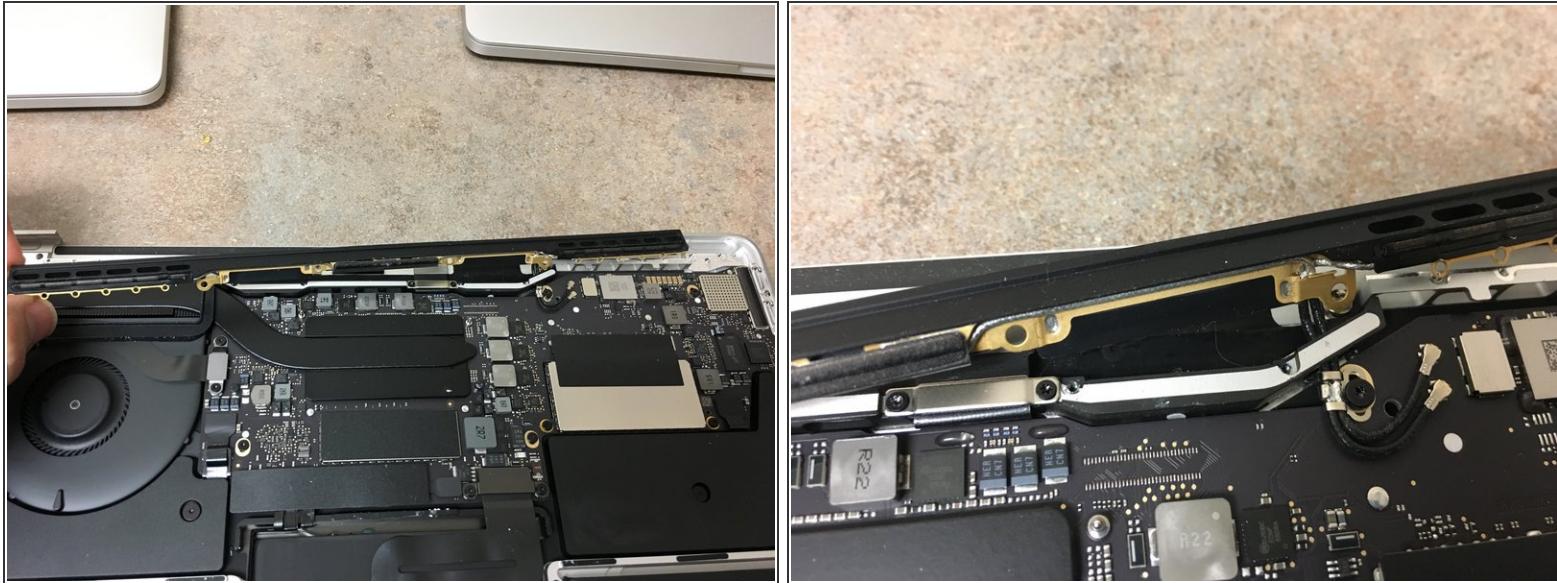
- Remove these screws next and note the screws on the outside (right in this picture) are a little longer than the center screws. There are two sets of these on either side of center. Use a Torx 5 driver

Step 10



- OK, under the wider cables we detached there are two cables (one left and one right) that have hinges on them. Those now also need to be detached.

Step 11



- Time to wiggle all the cables out from under the vent bar we detached (the one with all the tiny screws).
- Once this is done you can remove the screen assembly from the bottom kit.

Step 12



- And there it is. Not too bad. Total repair time for me was about 10-15 minutes. But then I have a hard time with the tiny screws.
- Just reverse the steps and you should be good to go.

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