



# iPhone 11 Pro Max Screen Glass Replacement

Guide on repair iPhone 11 Pro Max screen glass, the key steps of bezel removing, glass separating, glue removing, LCD laminating and bezel attaching.

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## INTRODUCTION

Guide on repair iPhone 11 Pro Max screen glass, the key steps of bezel removing, glass separating, glue removing, LCD laminating and bezel attaching.

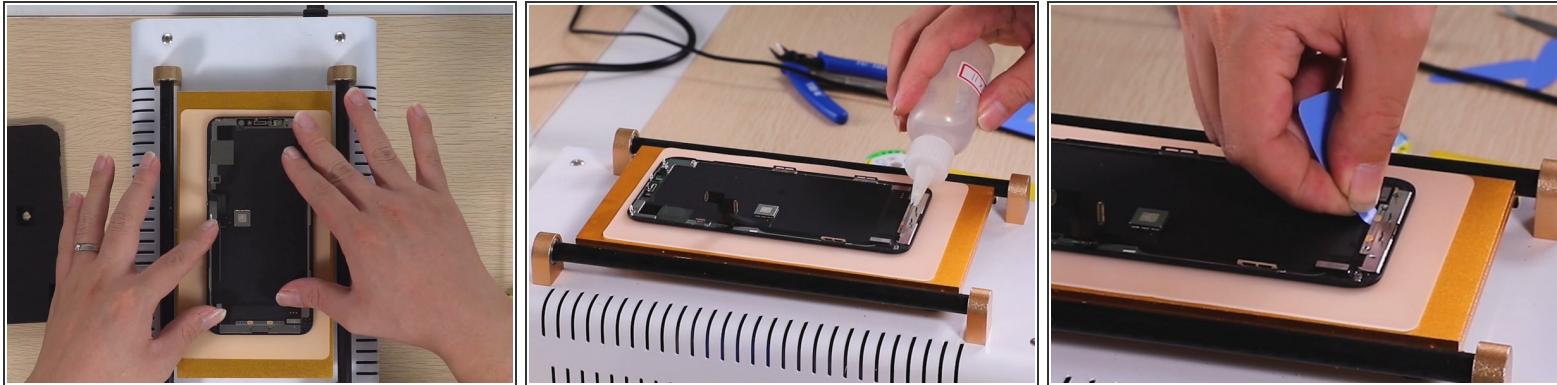
### **TOOLS:**

- CEO-2 Plus OCA Lamination Machine (1)
- 8 inches Manual LCD Separator (1)

### **PARTS:**

- cloth cleaning towel (1)
- 0.03mm/100m Gold Cutting Wire (1)

## Step 1 — Screen Heating



- Heat up the screen on the heating platform. Here please be noted that the temperature of the heated platform should be at 90°C.
- The first one we to do is apply the specialized glue remover XII to the gap between the bezel and the OLED.
- Then we scrape the cold glue in the bottom of the bezel's flex cable position with a plastic slice.

## Step 2 — Bezel Removing Part 1



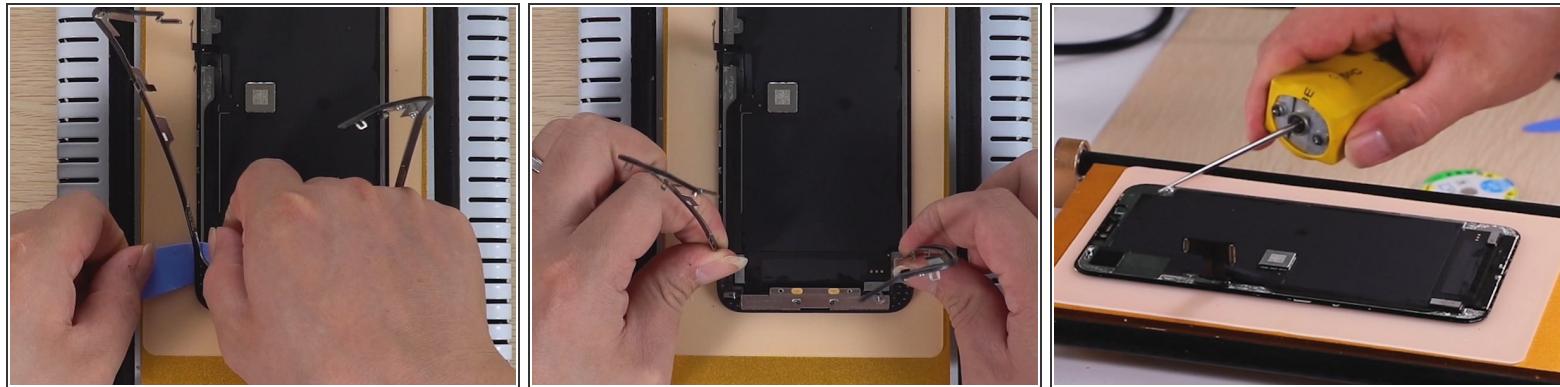
- Once done, we cut the bracket around the bang with a cut pliers.
- Next, we start to take apart the bezel. For this part, there are two tips we need to be cautioned.
  - One is pay attention to your strength while you remove the bracket. When pulling the bracket out, pressing it down would be more appropriate.

## Step 3 — Bezel Removing Part 2



- ① The other is that if the bracket is hard for you to remove, you can apply some XII glue remover on the plastic slice and insert it into the gap to scrape inner cold glue. But can't apply too much glue remover on the flex cable and IC position.
- When we remove the bezel, you should remove one side first and stop at the flex cable position. Then remove another side and stop at the flex cable position.
- The following is a key point to remove the bezel of flex cable position. Here we also have two things should be cautioned.
- ① One is the plastic slice should be inserted from the right side of the screen where there is a display IC position and then scrape the inner cold glue.

## Step 4 — Bezel Removing Part 3



- ① The other is when the plastic slice is slide to the other end of the touch IC flex cable, you should use a soft plastic slice and incline it to slide back and forth.
- Well, next is the final part of this step. When detaching the bezel at the bottom area, using both hands to pull the glued bezel out with the parallel. Here the action of your hands is grasp the bezel and lift it up gently, then lower down the bezel.
- Then, we remove the residual glue with a glue removal device.

## Step 5 — Glass Separating



- For this step, there are three tips we have to mention. First, the steel cutting wire should be inserted from the side of the flex cables.
- Second, you should pull the steel wire with even force. If the left side doesn't work while you pull the wire, you can change other directions, like right or middle side of the screen.
- Third, if you encounter the residual glue while pulling the steel wire, you can scrape it and then move on.

## Step 6 — Glue Removing



- For this step, paint a layer of 8333 glue remover on the OCA glue and wait for 30s.
- After that tearing off it with one hand. And be careful with force applied. This is to avoid damaging the OLED screen.
- Once finished the glue removing, it's time to clean the screen with white oil. Here are also two tips we would like to mention. That is, be more careful of the touch's golden circuit at the edge of the screen during the cleaning and slide the dustless cloth gently.
- It's because if too much force is applied, the touch cable would break and the touch is unworkable.
- The other one is while cleaning the flex cables area, the action should be gentle and the white oil can't be added too much.

## Step 7 — LCD Laminating Part 1



- For this part, we prepare iPhone11 Pro Max's specialized locating mold in advance.
- Then place the LCD flat into the mold so it's not easy to shift and clean up the dust on the LCD. Here we have to pay attention to the flex cables position.
- Once done, take out the glass with OCA and tear off the protective film of the OCA with a pull tape.

## Step 8 — LCD Laminating Part 2



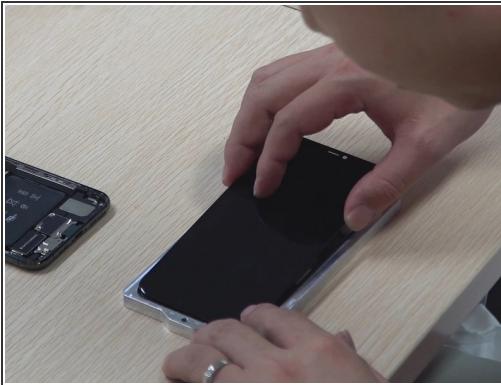
- Next, align the glass to the LCD and attach it to the right position of the LCD.
- After that, press the center of the glass with your one hand and fit it gently with the LCD.
- Finally, we put the preliminary pasted LCD on the black magic mat and put them into the CEO-2+ OCA lamination machine for laminating and bubble removing.

## Step 9 — LCD Laminating Part 3



- For this part, please make sure the flex cable is outside the LCD while you put the LCD on the mat.
- Then, we set the time and press “START” BUTTON. The vacuum time is 20s, the laminate time is 15s and the bubble removing time is 180s.
- Here, we should test the display and the touch of the screen.

## Step 10 — Bezel Attaching



- How can we let up when we're so close? So let's keep on. First, we put a new bezel into the protection pressure mold.
- Second, apply the bezel glue around the bracket once we fix the bracket.
- Third, fit the pasted LCD with the bracket. Here is a detail that should be cautioned, place the LCD from the side of flex cable position.
- Fourth, once done, press hard around the screen with our hand to make sure the LCD is completely inside the frame.
- Fifth, cover the protection pressure mold and leave it for 30 mins.

## Step 11 — Test the Display Again



- Time's up. Take the screen out after the glue is dried and clean up the screen.
- In the end, test the display and the touch of the screen. If there's no problem, the whole restore process is done.

**i** We hope that this tutorial will help you.

Guide on repair iPhone 11 Pro Max screen glass, following in step by step, you can successfully repair it.