

**FIXXOO**

# Display Repair Set

for  
iPhone  
**X**



Tutorial

**FIXXOO**

With the Fixxoo repair set, you can bring your iPhone back to life in no time! Everything you need is included in this package.

You can find complete video instructions, FAQ, and further help with repairing your iPhone X at:

[www.fixxoo.com](http://www.fixxoo.com)

## Safety information

1. Your smartphone must be turned off during assembly/disassembly. Also, the battery can be disconnected before changing the display for additional safety. The battery must not be bent, broken, pierced, or damaged in any way during assembly/disassembly. A damaged battery can cause injury.
2. Handle the display with care. The LCD display of this device has a very thin protective glass layer which can be scratched, damaged, or imprinted if pressure is applied to it.
3. The display must not be bent, broken, pierced, or damaged in any way. A damaged display can cause injury.
4. Do not expose the display or iPhone to open flames or liquids.
5. Protect the display and the iPhone from impacts.
6. Do not use the iPhone if it is damaged, as this can cause overheating and injury.
7. Read these instructions carefully and keep them for future reference.
8. Follow all warnings, instructions, and indications in the included documents.

**Please note:** After changing the display, the iPhone is no longer watertight, and all warranties provided by the manufacturer are voided!

## Your tools

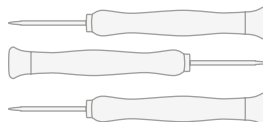
### Spudger

With the spudger you can lift and separate plugs and other components.



### Screwdrivers

Three high-quality screwdrivers (pentalobe, phillips, and tri-Wing) help you remove and insert the different types of screws.



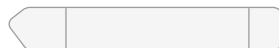
### Suction puller

You'll need the suction puller to lift the display.



### Lifting tool

With the lifting tool you can loosen glued areas and remove components from the case.



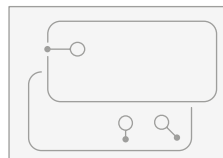
### Tweezers

Use the tweezers to work on the sensor assembly more conveniently.



### Screw map

The magnetic screw map lets you collect screws and other small metal parts until you need them for reassembly.



## Successful DIY repair

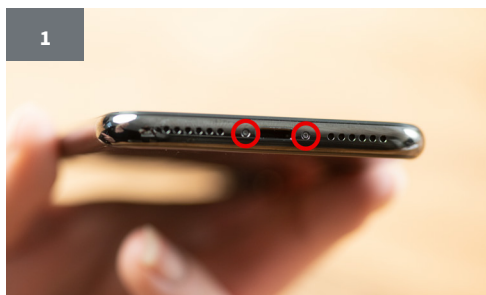
You'll find all the information in this repair manual printed in three colors: All the information directing you step-by-step through the DIY repair of your iPhone is in gray. Follow these steps to complete the repair successfully.

*Optional information which makes the repair easier is in italics.*

**⚠ All warning indications which are critical to follow, even if they are not part of the step-by-step repair, are in red.**

## Part 1: Removing the display

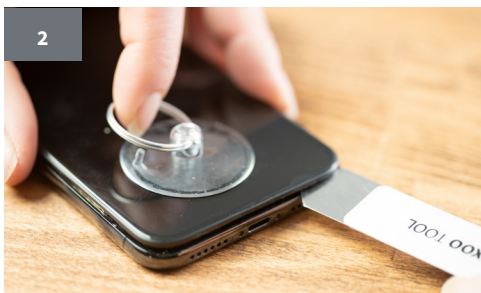
### Opening the case



**⚠ Discharge the battery to 20% or less before beginning the DIY repair. Otherwise it could possibly catch fire or even explode in case of accidental damage.**

- Turn your iPhone over and remove the two pentalobe screws on the bottom of the device.
- *Tip: After opening the iPhone, the seals will no longer be watertight, so it's best to install new seals. If you don't wish to do this, you should be careful with the iPhone in wet environments.*
- *Tip: You can continue to use the Pentalobe screws if the black rubber seal is undamaged. If it is not, it is better to replace the screws.*

### Masking the display



**⚠ Eye protection (e.g. safety glasses) is recommended during repair, to protect against any possible glass shards.**

- Carefully lift the screen out of the frame using the suction cup and the thin metal spatula. Take care not to insert the spatula more than 2mm into the frame as there are several sensitive ribbon cables inside.

### Lifting out the display with the suction puller

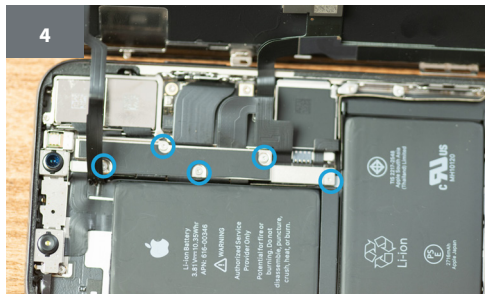


**⚠ Should you be unable to loosen the screen from the frame, try heating your iPhone a little with a hair dryer. Be careful not to let it get too hot so you won't damage the battery. Heat it up only to the point where you can still comfortably touch the device.**

- Carefully slide the metal spudger along the other side to break up the adhesive holding the display in place. Take care not to insert the tool too deeply into the frame here, as well in order not to damage the sensitive sensors along the top edge of the iPhone.

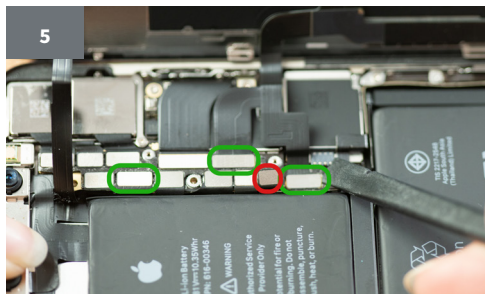
## Part 2: Working on the iPhone case

### Removing the screws



- Open the screen like you would a book so you are able to reach these screws securing the metal cover. Lean the screen rest against the iPhone's packaging or a book. Note exactly which screw goes where!

### Removing the battery connector



Carefully remove these connectors using the plastic spatula. Start with the **battery connector**, then disconnect the others.

### Removing the flat cable



**⚠ Remove the adhesive tape from the screen and around the inside of the frame.**

- Carefully remove this ribbon cable glued into the frame.

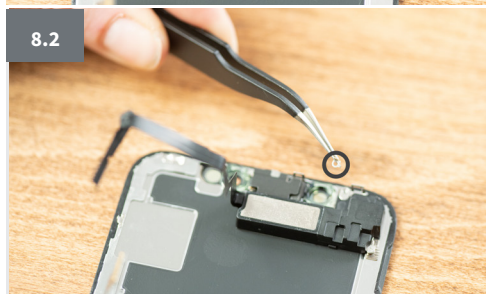
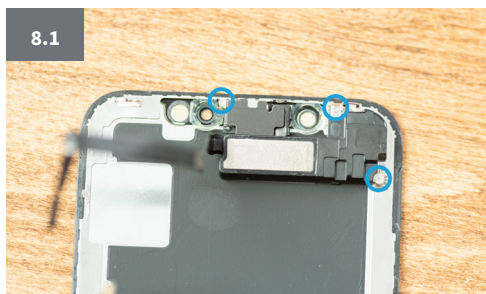
## Remove the display

### Removing the display



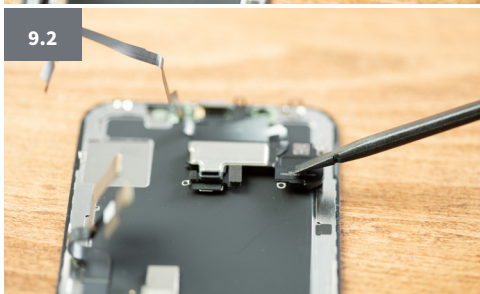
- Make sure to remove the adhesive residues on the edge of the display.

### Remove the Logic Board Part 1



- Now loosen the three **Tri-Wing screws** near the infrared sensor! Make sure to remove the contact washer of the middle screw as well, if it has not already been removed with the Tri-Wing screw.
- Insert the **contact washer** in the same way, how you removed it. Put it between the module and the Tri-Wing screw and with the web towards the upper edge.

### Removing the speaker unit



#### **⚠ Do not pull the flat cable.**

- Now the module with the sensors will be removed. Slide the lever tool from the upper edge under the speaker unit.
- The module is released by slightly wiggling and lifting the lever tool.
- You can unfold the speaker unit like a book so that it does not interfere with the removal of the entire module.

### Remove the Logic Board Part 2



**⚠ Do not pull the flat cable.**

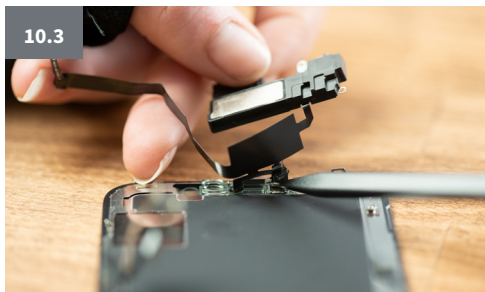
- Now the module with the sensors will be separated from the display. Push the lever tool from bottom to top under the flat cable.
- The module is released by slightly wiggling and lifting the lever tool.
- You can lift the speaker unit so that it does not interfere with the removal of the module.

10.2

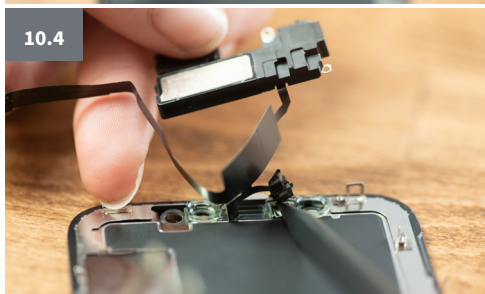


- Lift the microphone carefully with the included tweezers out of the recess!

10.3



10.4



- Slide the Fixxoo tool from left to right through the flat cable and proximity sensor to detach the rest of the module from the display.
- The module is released by slightly wiggling and lifting the lever tool.

- You can also lift the speaker unit here so that it doesn't interfere when removing the module.

10.5



10.6



**⚠ Make sure that the module is installed correctly and that there are no adhesive residues on the module which could impair the function of the sensors. When installing the module, insert the light diffuser strip first and pay attention to the direction.**

- Use the tweezers to lift out the ambient light sensor. Wiggle the tweezers slightly while doing so. The light diffuser strip may come loose, which must then be removed separately with the tweezers.
- If the sensor cannot be lifted out, the adhesive is hardened again. Soften the glue with a hair dryer, for example. Take care not to strain the flat cable too much when removing it

## Reinstalling the Fixxoo display

When reinstalling the Fixxoo display you'll simply re-

peat the steps in this instruction guide in reverse order.

## Declaration of conformity

Stage10 GmbH hereby certifies that the electrical-ly operated display screen conforms to guideline 2014/53/EU.

The complete text of the EU declaration of conformity is available at the following URL:

<https://support.fixxoo.de/hc/de>

## Disposal

### Disposal of packaging:

Sort the packaging before disposal:



- Cardboard and carton with paper



- Plastic wrap with recycling collection

### Disposing of a device

(Applicable in the European Union and other European countries with systems for separate collection of recyclables.)

### Used devices may not be placed in the household trash



If your smartphone can no longer be used, each consumer is legally obligated to dispose of used devices separately from household trash, e.g. at a collection site in your community or municipality. This ensures that used devices are properly recycled, while avoiding negative environmental effects. For this reason, electronic devices are labeled with the symbol depicted here.

## Manufacturer information and service

If you have questions about our display products, or if you experience any problems, first contact us by email at:

[info@fixxoo.de](mailto:info@fixxoo.de)

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Stage10 GmbH  
Oranienburger Str. 45  
10117 Berlin | Germany

## Troubleshooting

Does the display fail to turn on? Pixel errors? Is the iPhone beeping or vibrating? You can find the solution in our FAQ at:

[support@fixxoo.com](mailto:support@fixxoo.com)

## Fixxoo success guarantee:

Did it not work for you? No problem – Fixxoo will take care of the rest. The price of the repair kit will be credited to you. So you'll pay at most the regular price for a Fixxoo repair.

**The only condition:** The replacement part and your iPhone cannot have been damaged by your repair attempt – but if you're simply missing a screw, that's not so bad.

**FIXXOO**

# Display Repair Set

Fixxoo  
Display Repair Set  
for Apple iPhone X  
Art.-No. 15700

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10117 Berlin | Germany

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