



iPhone 3GS Display Assembly Replacement

Cracked both the LCD and Front Panel? This...

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INTRODUCTION

[video: <http://www.youtube.com/watch?v=9foQGx-ULow>]

Cracked both the LCD and Front Panel? This guide shows replacing the display assembly can be done with ease.

TOOLS:

Phillips #00 Screwdriver (1)
Suction Handle (1)
Spudger (1)

PARTS:

iPhone 3GS Display Assembly (1)
iPhone 3G/3GS Screw Set (1)
iPhone 3G and 3GS Screen Protector (1)
iPhone 3GS Display (1)
iPhone 3GS Front Panel (1)

Step 1 — Broken Glass



- If your display glass is cracked, keep further breakage contained and prevent bodily harm during your repair by taping the glass.
- Lay overlapping strips of clear packing tape over the iPhone's display until the whole face is covered.
 - ① This will keep glass shards contained and provide structural integrity when prying and lifting the display.

 **Wear safety glasses to protect your eyes from any glass shaken free during the repair.**

Step 2 — Display Assembly



- Remove the two Phillips #00 screws from the dock-connector end of the iPhone.

Step 3



- Remove the metal handle from the suction cup. It's easier and safer to grip the suction cup's base instead of the metal handle.

⚠ Be very careful when opening the iPhone so that the cables under the display are not severed.

- ⓘ There is a rubber gasket between the silver front bezel and black display assembly. A bit of force is required in this step to separate the iPhone's display assembly.
- Use a small suction cup near the Home button to gently pull up the bottom portion of the iPhone's display assembly.
- ⓘ If the display assembly is too damaged to allow the suction cup to adhere, tape with a strong adhesive such as duct tape may be used.

Step 4



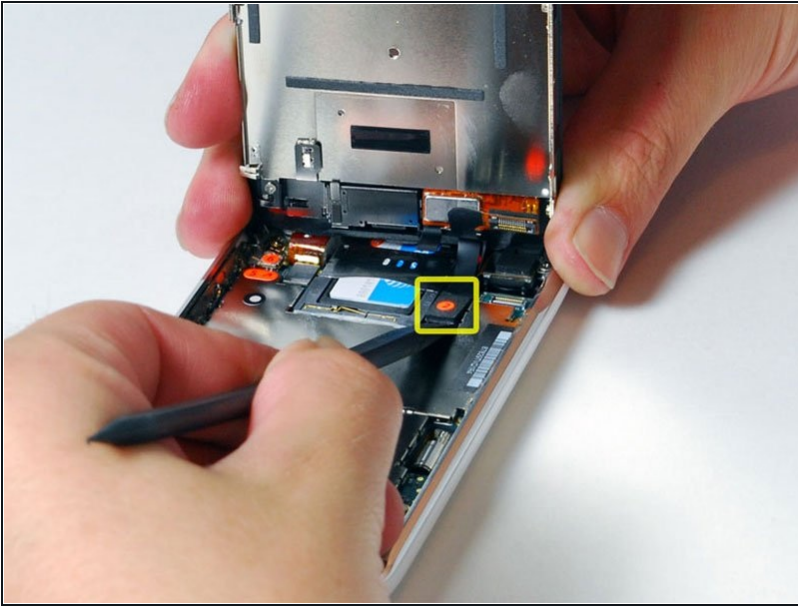
- ① The display assembly is still connected to the iPhone by several cables, so don't try to remove it entirely just yet.
- Rotate the display assembly up until it is at an angle of approximately 45 degrees.

Step 5



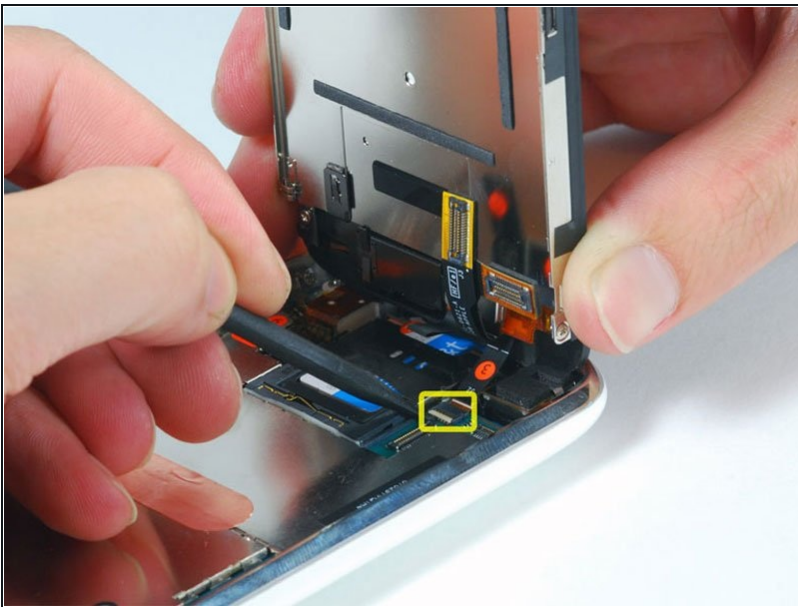
- Continue to hold the display assembly with one hand, and use your other hand and a spudger to disconnect the black ribbon cable labeled "1."

Step 6



- Rotate the display assembly up until it is roughly vertical. This will allow easier access for disconnecting the remaining cables.
- Use a spudger to disconnect the black ribbon cable labeled "2."

Step 7



- Use a spudger to flip up the black plastic tab holding the remaining ribbon cable in place. The black will rotate up 90 degrees, releasing the ribbon cable.

⚠ The tab is very fragile, so be careful when flipping it up to unlock the cable and down to lock the cable.

ⓘ The plastic tab may be white (instead of black) on some iPhone models.

- Slide the ribbon cable out of its connector, and remove the display assembly from the iPhone.

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