

# iPhone 3G Repair Guide

Prepare



Tools required:

- Small Phillips Screw Driver
- Small Flathead or exacto razor
- Safe Open Tool
- Repair Toolkit available [HERE](#)

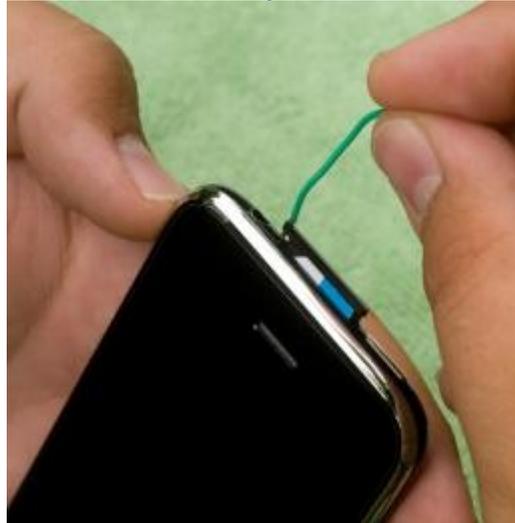
Gather all necessary tools and place your iPhone 3G on a clean flat surface, use a soft cloth or towel to place under it.

Enjoy



Take a look at the iPhone 3G in all its shiny glory!

Step 1



Begin by removing the sim tray, using the included sim card removal tool (or a paperclip if you've lost the tool.)

**Step 2**



Holding your device on end you will notice two small screws on either side of the dock. These screws must be removed in order to open the case.

### Step 3



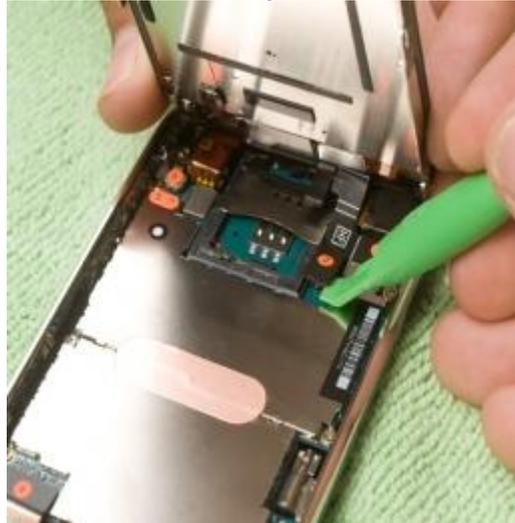
Insert a small thin tool between the chrome ring and front panel glass directly above one of the screw holes. You will need to exert a small amount of pressure to separate the display from the back panel.

**Step 4**



Lift the panel up from the dock end being careful not to tear or break any ribbons connected near the other end.

### Step 5



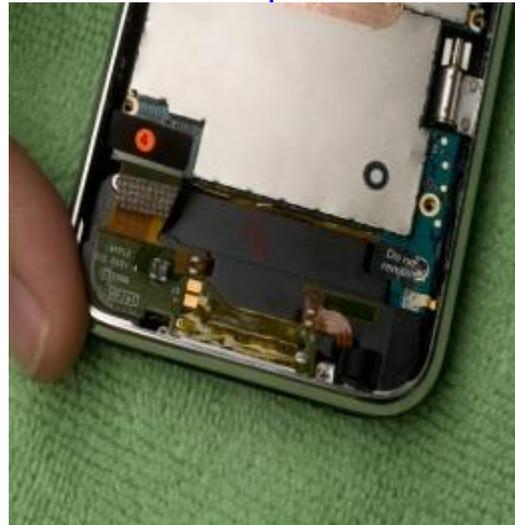
Unplug ribbons 1 and 2 by lifting them from the main board. Under ribbon 2 you will need to find and unclip ribbon 3, then carefully remove the display assembly.

Step 6



Remove the seven screws circled in red. Note: One screw is located under the DO NOT REMOVE sticker :)

Step 7



Unplug ribbon 4.

### Step 8



Lift the mother board out taking note of the camera which is still connected to the underside of the board. You will need to unplug the ribbon circled in red.

Step 9



Place the mother board to the side.

**Step 10**



Use the attached tab to pull up on the battery, there is a mild adhesive on the back side, so it will take a bit of force.

**Step 11**



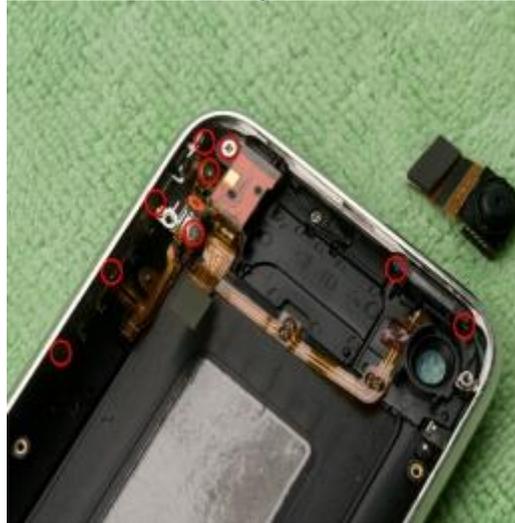
Remove the screw circled in red.

**Step 12**



Carefully remove the camera.

Step 13



Remove the nine screws circled in red.

**Step 14**



Remove the headphone jack and attached flex cable.

Step 15



Remove the speaker assembly which also contains the dock connector, antennae and home button as well.

Step 16



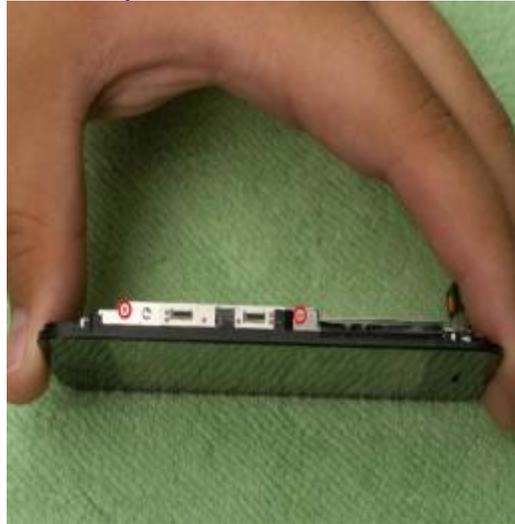
Remove the 2 screws circled in red.

**Step 17**



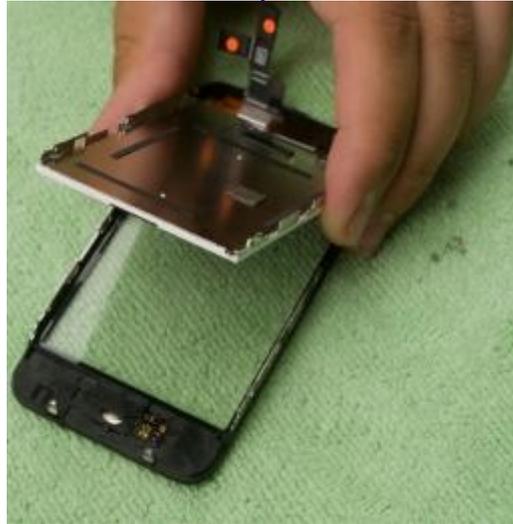
Place the vibrator assembly to the side.

**Step 18 - Back to the Front Half**



Remove the 2 screws circled in red. You will find 3 screws on the opposite side which must be removed as well.

**Step 19**



Lift the LCD free from the front panel glass.

**Step 20 - Finished**



Pictured is every component inside the iPhone 3G.

**Under the Hood - Apple iPhone 3G exposed!**



### Bottom Main Board



TOSHIBA  
TH59GD1DTG80  
8GB Flash

MARVELL  
88W8055  
and CSR Bluetooth



Pictured are chips responsible for Bluetooth, and Flash memory on board