



# DirectFix

**We Provide the Parts - You Fix It**

## INSTALLATION DIRECTIONS IPHONE 3G BACK HOUSING REPLACEMENT IP-2324



Sim Card Ejection Tool IP-2292



Mini Philips Driver XX2240



Case Opener Tool XX1521



Screen Removal Suction Cup XX2373

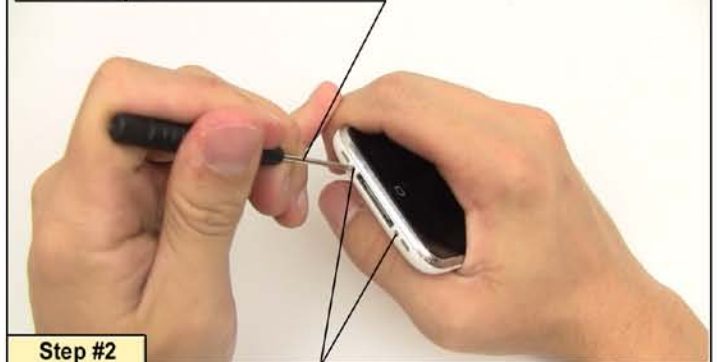
Sim Card Ejection Tool IP-2292



Step #1

Use the simcard ejection tool to remove the simcard and tray from the iPhone 3G.

Mini Philips Screwdriver XX2240



Step #2

Remove the two phillips head screws from the bottom of the iPhone 3G. Place them in a container to avoid losing them.

Suction Cup Tool XX2373



Step #3

Place the suction cup tool near the bottom of the glasstop for optimal removal.



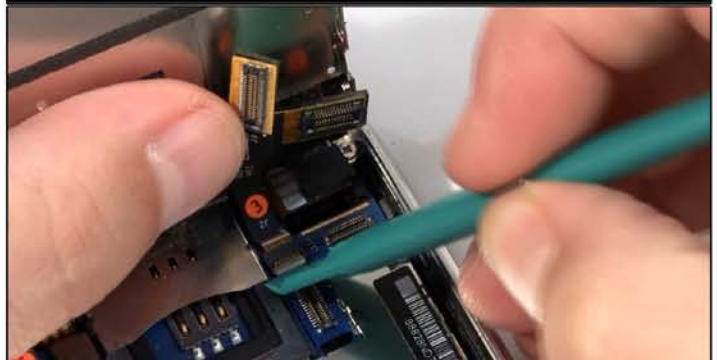
Step #4

Firmly grasp the back of the iPhone and the suction cup and pull apart the phone case carefully. Do not pull too hard as there are still cables connected in the unit.



Step #5

Use the case opener tool to removed the connections marked ① & ②. Avoid excessive force to preserve connector integrity.



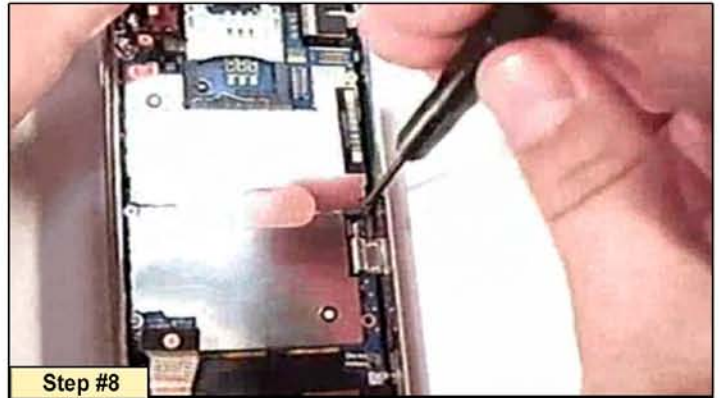
Step #6

Use the case opener tool to lift the small white plastic cable connector. This will allow the ③ ribbon to slide upwards out of the housing.



Step #7

Use the case opener tool to carefully disconnect the connectors depicted in the diagram below.



Step #8

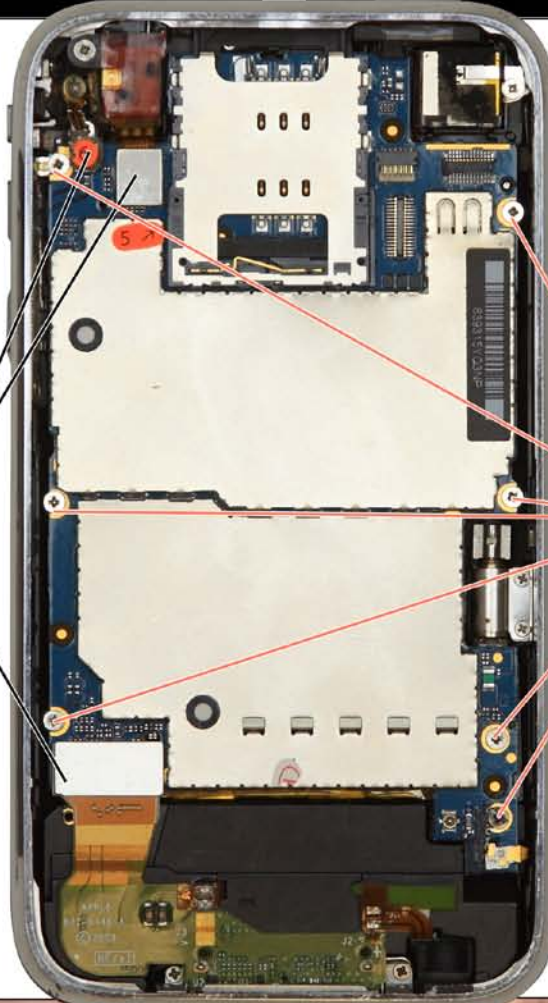
Use the diagram below to locate and remove the screws which fasten the main board to the case.



Case Opener Tool XX1521

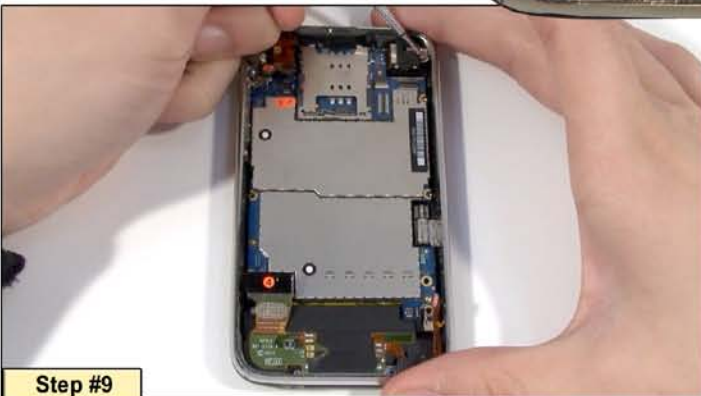


Mini Philips Driver XX2240



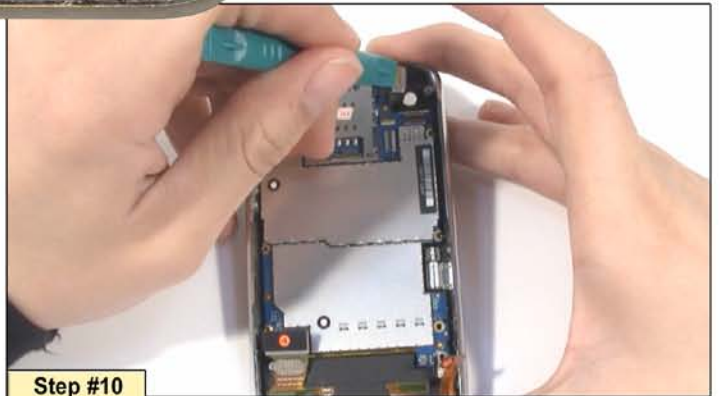
There are 3 connections that must be disconnected prior to removing the main board.

The main board is secured to the case by 7 phillips head screws. Use the mini screwdriver to remove them.



Step #9

Remove the screw and brace from the camera noting their positions. Set aside.



Step #10

Remove the camera using a case opener tool before attempting to remove the motherboard.



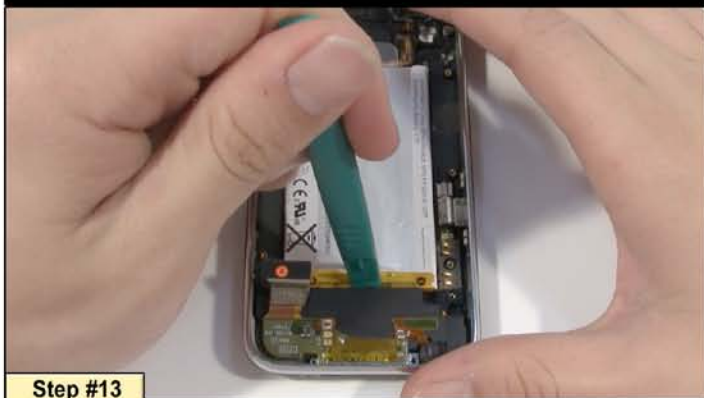
Step #11

Remove the motherboard and camera from the case.



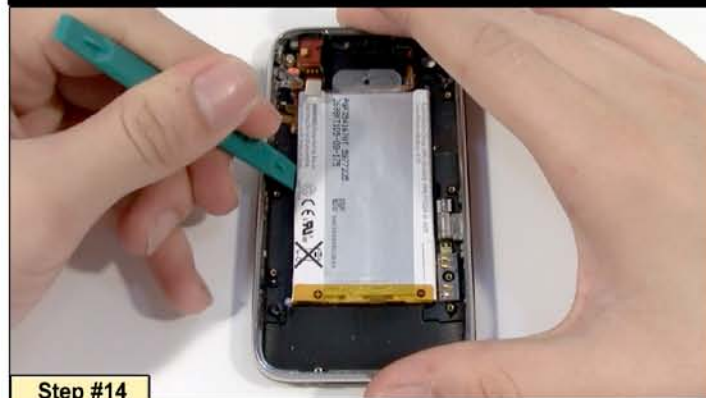
Step #12

There is a screw under the sound module cable and two visible screws pictured that must be removed.



Step #13

Use the case opener tool as pictured to extract the sound module.



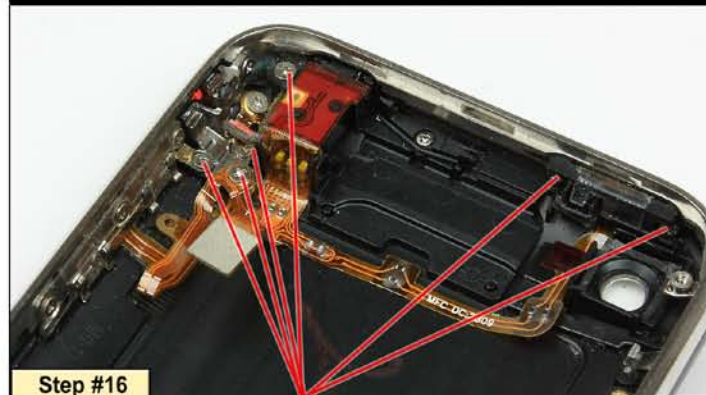
Step #14

Use the case opener tool as pictured to extract the battery. **WARNING:** Don't puncture or damage battery.



Step #15

Remove the two screws holding the vibrator motor to the case and set the vibrator aside.



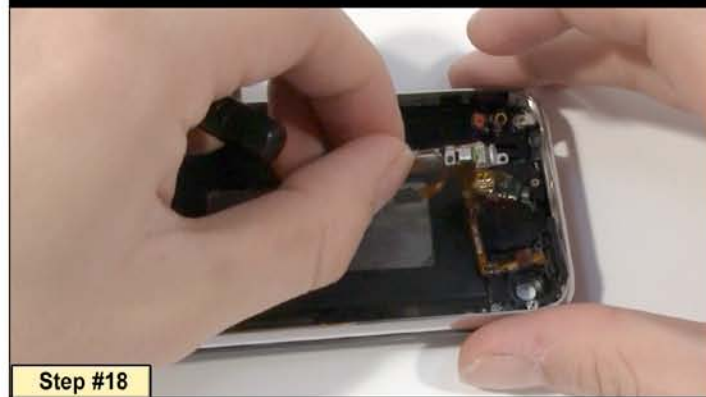
Step #16

Identify and remove pictured screws to remove the headphone jack and wire harness.



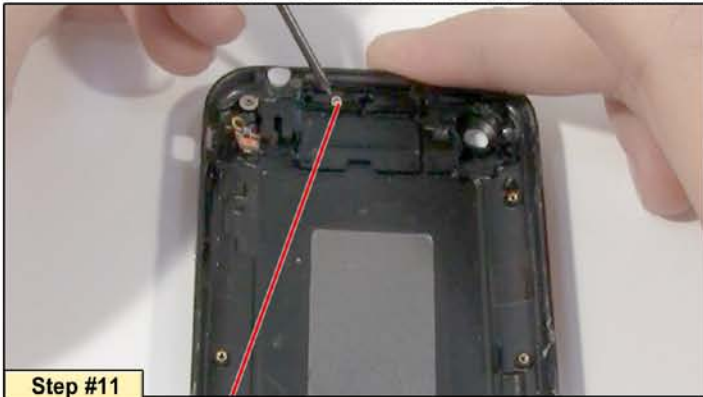
Step #17

Remove the three screws pictured connecting the volume button and one screw connecting the frame.



Step #18

Remove the wire harness from the case. The wire harness is connected to the headphone jack, volume and power buttons. Note the positions.



Step #11

Remove the screw pictured which holds the sim card ejector mechanism and set them aside.



Step #12

Use the case opener tool around the edge of the case to separate the back of the case from the metal bezel.



Step #13

Use the case opener tool to remove the camera lens filter and bracket.



Step #14

Use the case opener tool to remove the wi-fi antenna as pictured.



Step #15

Ensure that all components have been removed from the case and prepare the replacement.



Step #16

Place the antenna and camera lens filter bracket as pictured into the new case.



Step #17

Reposition the simcard ejection mechanism and fasten in to place with its screw. The protruding ends of the ejection lever should face upward.



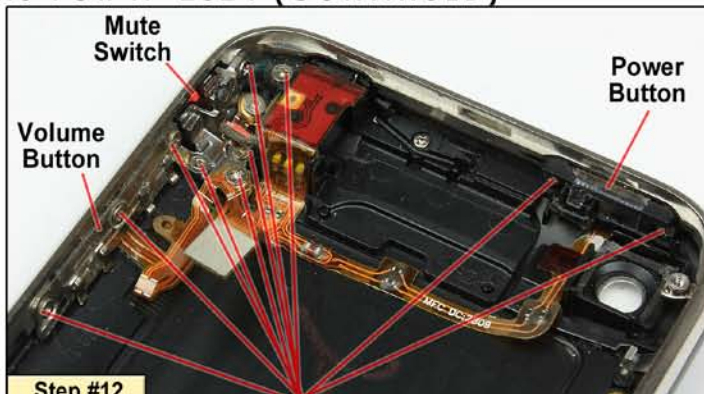
Step #18

Replace the metal bezel into the case.



Step #11

The wire harness and buttons need to be placed back into the case. Use the following diagram for positioning and fastening locations.



Step #12

This is the positioning of the wire harness which connects the buttons and headphone jack to the case. Replace all screws and buttons.



Step #13

Replace the vibrator motor as pictured with the connector facing up.



Step #14

Replace the battery as shown. Place the center hole on the connector over the corresponding mounting post in the case.



Step #15

Replace the sound module as pictured noting the position of the microphone.



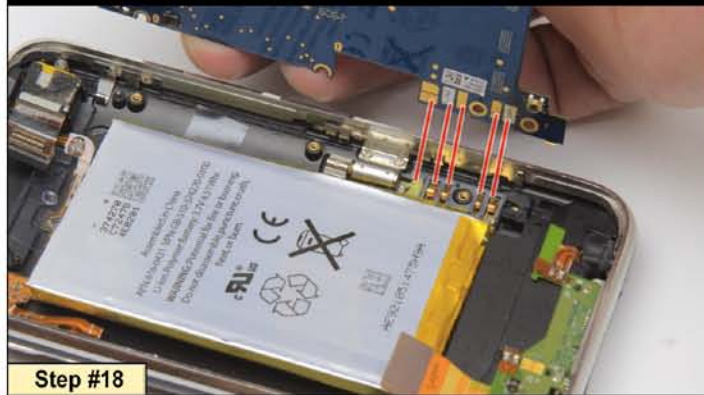
Step #16

Replace the three screws into the sound module.



Step #17

The camera connector needs to be connected to the underside of the motherboard as pictured before it can be mounted.



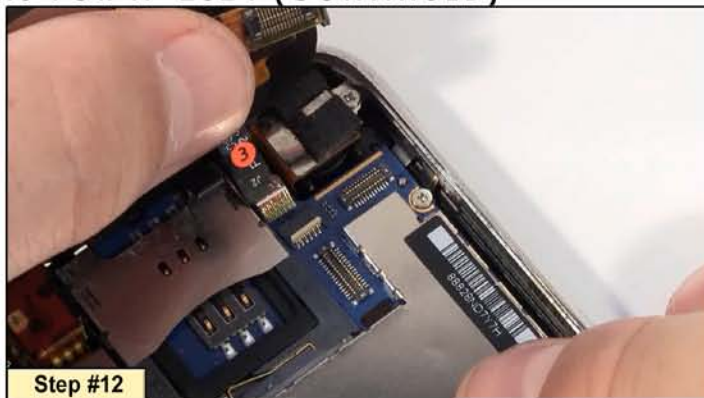
Step #18

When mounting the motherboard the connectors on the battery and the vibrator must align as pictured with those shown on the motherboard.



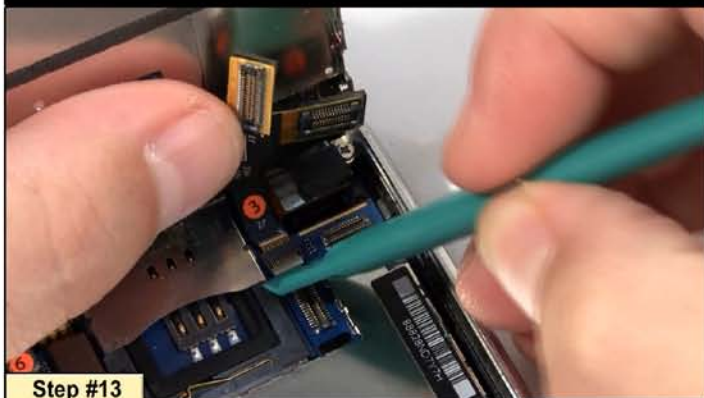
Step #11 Refer to page 2 for connector/fastener placement.

The motherboard mounts into the case as pictured. There are seven screws and 3 connectors that must be reinstalled onto the motherboard.



Step #12

Begin installation of screen assembly by sliding 3 ribbon into the connector.



Step #13

Gently push down to reposition the white plastic connector to secure the 3 ribbon.



Step #14

Reconnect the 1 & 2 cables, carefully snapping them into place.



Step #15

Screen assembly connects to case at receiver end first. Note: the positions of 3 tabs that slide under chrome bezel on the receiver end.



Step #16

Replace the two bottom case screws into the case.



Step #17

Finally replace the simcard to complete the reassembly of your iPhone 3G.