The repair of the Apple iPhone 5 smartphone, can be both simple and inexpensive if you follow the steps of this disassemble guide. To assist you in completing the repair, the steps we have provided will help you quickly, and safely, replace a broken display assembly, along with any other internal components that may have become damaged.

You can find a full archive of fixez.com disassemble guides and HD repair videos, for numerous makes and models of smartphones and tablets, by visiting http://www.fixezez.com.
Remove the two pentalobe screws that are located on both sides of the lightening connector port which is on the bottom of your iPhone 5.

1. Place the suction cup on the display assembly near the home button. Use the plastic opening tool to separate the display assembly from the case of the iPhone 5. With the suction cup, pull up on the display assembly while holding the outside frame of the iPhone 5 down. Near the home button, in the left corner of the iPhone 5, will be an area that will expose enough space to get in the plastic opening tool.

2. Once you have the opening tool in the space, pry the display assembly from the iPhone 5. Work your way around the iPhone 5 until it is completely separated and can be pulled back with the suction cup.
4. Peel back the display assembly to expose the metal cover that secures the display assembly flex cables. Locate and remove the three small Phillips screws (#00) that secure the metal cover. Remove the cover from the iPhone 5.

5. There are a series of connections that will require the plastic opening tool or spudger to pry up and remove. The first of these connections is for the front-facing camera and sensor flex cable.

6. The touch screen/front panel cable is next. Gently pry up and out to disconnect the cable.
7. The last connection is the LCD cable. Once the cable is disconnected, remove the entire display assembly from the iPhone 5.

---

**Earpiece Speaker**

8. Locate and remove the two small Phillips screws (#00) that secure the cover to the earpiece speaker. Remove the cover from the iPhone 5.

When the cover for the earpiece speaker is removed, lift the speaker up and away from the iPhone 5.

---

**Front-Facing Camera & Sensor Flex Cable**

9. Using the flat end of the spudger, maneuver the front-facing camera and sensor flex cable away from the iPhone 5.
10. Locate and remove the two small Phillips screws (#00) that secure the home button assembly.

Remove the home button assembly from the iPhone 5.

11. The actual home button is secured by a small amount of adhesive. Use the spudger to remove the home button from the display assembly.

12. Locate and remove the six small Phillips screws (#00) that secure the LCD shield to the display assembly.

Once the Phillips screws are removed, lift the shield up and away from the iPhone 5.
13. Locate and remove the three small Phillips screws (#00) that secure the battery connector and lightning connector covers.

Once the screws are removed, take the metal covers off of the iPhone 5.

14. Utilize the spudger to pry up and disconnect the battery connector from the motherboard.

15. Using the plastic pull-tab and the spudger, remove the battery from the case of the iPhone 5.
16. Locate and remove the two small Phillips screws (#00) that secure the top motherboard bracket.

Once the screws have been removed, lift the bracket up and away from the iPhone 5.

Motherboard

17. For the next few steps, the spudger will be utilized to disconnect several connections. This will allow you to remove the iPhone’s motherboard.

Remove the LED flash from the motherboard by pulling it up and away from the assembly.

18. The next connection is the for audio/volume controls. Lift up and pry it from the socket to remove the plug.
19. An interconnecting cable is next to be removed. Lift up and pry it from the socket to remove the cable.

20. There is another interconnection cable that will need to be disconnected as well.

21. The last plug is the lightning port assembly. It is located on bottom of the motherboard.
22. One of the two antenna connections is on the front of the board. Pry up and remove the wire from its location.

Maneuver the headphone jack out of its housing and prepare to remove it in the follow steps.

23. Before removing the motherboard, use the SIM card removal tool, or a paper clip, to remove the SIM card tray from the iPhone 5.

24. Locate and remove the two small Phillips screws (#00) inside the top portion of the iPhone 5 case.
25. Next, locate and remove the two small Phillips screws (#00) and the three standoff screws. The three standoff screws secure the motherboard into the iPhone 5. You will need a small flathead screwdriver to remove these screws.

26. Remove the second antenna plug on the bottom of the motherboard. Now, you can carefully lift the motherboard up and out of the iPhone 5.

Rear-Facing Camera

27. Locate and remove the two small Phillips screws (#00) that secure the rear-facing camera connection to the motherboard.

With these screws removed, take the plate off that was securing this plug.
28. Using the spudger, gently pry up the connection to remove the rear-facing camera from the motherboard.

29. Locate and remove the seven small Phillips screws (#00) that secure the lightning connector and loudspeaker assembly inside the case of the iPhone.

30. Use the flat end of the spudger to break free the adhesive that secures the lightning connector and loudspeaker assembly inside the case of the iPhone 5. Remove these two parts from the iPhone 5.
31. With the lighting connector and loudspeaker assembly free from the case, use the spudger to separate the two units from each other. They are held together with a small amount of adhesive.

**Loudspeaker**

32. Locate and remove the three small Phillips screws (#00) that secure the vibrator in the corner of the iPhone 5 case.

Remove the vibrator from the iPhone 5.

33. There are three additional small Phillips screws (#00) that secure the volume and silent switch assembly on the side of the iPhone 5 case.
34. Use the spudger to peel out the WiFi and Bluetooth Antenna Flex Cable from the iPhone 5 case.

35. Locate and remove the last small Phillips screw (#00) that secures the power and volume button assembly in the iPhone 5.

36. Use the flat end of the spudger to remove the ribbon cable for the volume, silent switch, and power buttons from the iPhone 5.
Breakdown

1. iPhone 5 Rear Case/Housing
2. iPhone 5 Display Assembly (LCD & Touch Screen)
3. iPhone 5 Battery
4. iPhone 5 Motherboard
5. iPhone 5 SIM Card Tray
6. iPhone 5 Home Button and Gasket
7. iPhone 5 Home Button Flex Cable
8. iPhone 5 Earpiece Speaker
9. iPhone 5 Rear-Facing Camera
10. iPhone 5 Front-Facing Camera & Sensor Flex Cable
11. iPhone 5 WiFi Antenna Cable
12. iPhone 5 Vibrator
13. iPhone 5 Dock Connector & Headphone Jack Assembly
14. iPhone 5 Loudspeaker

Notice/Warning:
FIXEZ.COM DOES NOT ACCEPT ANY LIABILITY FOR DAMAGE, OR INJURY CAUSED, WHILE YOU ARE FOLLOWING OUR DISASSEMBLE GUIDES. WE MAKE NO REPRESENTATIONS, WARRANTIES, OR CONDITIONS OF ANY KIND, EXPRESS OR IMPLIED. UTILIZING THESE GUIDES TO HELP ASSIST YOU IN REPAIRING YOUR MOBILE DEVICES WILL VOID YOUR WARRANTY. FIXEZ.COM STRICTLY PROHIBITS ALTER-ING OR MODIFYING OUR DISASSEMBLE GUIDES FOR COMMERCIAL USE, REPRODUCTION, OR PUBLICA-TION.