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## Apple iPhone 6 DISASSEMBLE GUIDE

### Recommended Tools

- 5-0016 Small Phillips Screwdriver
- 5-0017 Small Flathead Screwdriver
- 5-0019 Plastic Opening Tools
- 5-0020 Suction Cup
- 5-0022 Nylon Spudger
- 5-0769 iPhone 5-Point Pentalobe Screwdriver
- 5-1342 SIM Card Ejection Tool
- 5-1370 Fine Tip Curved Tweezers

This step-by-step guide walks you through how to completely disassemble your new Apple iPhone 6 smartphone. Following the comprehensive instructions we have provided will help you safely replace not only a broken iPhone 6 display assembly (LCD and touch screen), but also any other internal components (i.e. rear-facing camera, lightning connector and headphone jack assembly, power button cable, etc.) 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.fixez.com>.



1. First, there are two Pentalobe screws located on the bottom of the iPhone 6, next to the lightning port, that need to be removed.

Utilize the 5-point Pentalobe screwdriver and remove the screws from the smartphone.



2. Next, place a suction cup on the display assembly near, but not on top of, the home button. Pull up on the suction cup until there is room to insert the plastic opening tool in the seam between the display assembly and the rear case of the iPhone 6.

Utilizing both tools separate the display assembly from the rear case to take a peek inside the new Apple smartphone.



3. Once you have separated the display assembly from the rear case, the metal cover that secures the LCD and front panel/digitizer cables will be easily accessible.

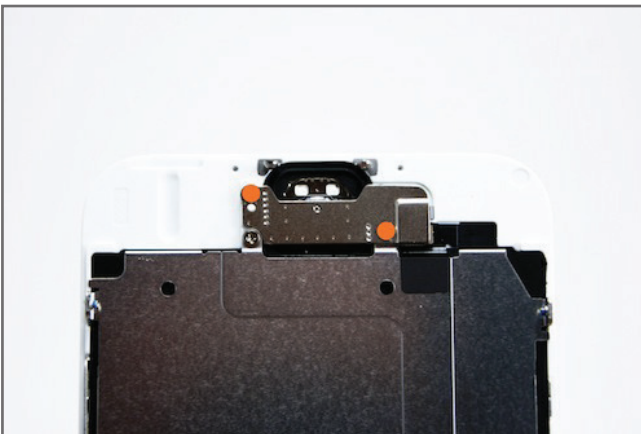
Locate and remove the five small Phillips screws (#00) that secure the metal cover (marked with orange circles). Gently lift up and remove the metal cover from the iPhone 6.



4. Now, using the fine tip curved tweezers or spudger pry up and disconnect the four connections located under the metal cover (marked with orange rectangles).

The connections are for the display assembly (LCD and touch screen), home button assembly and front-facing camera assembly.

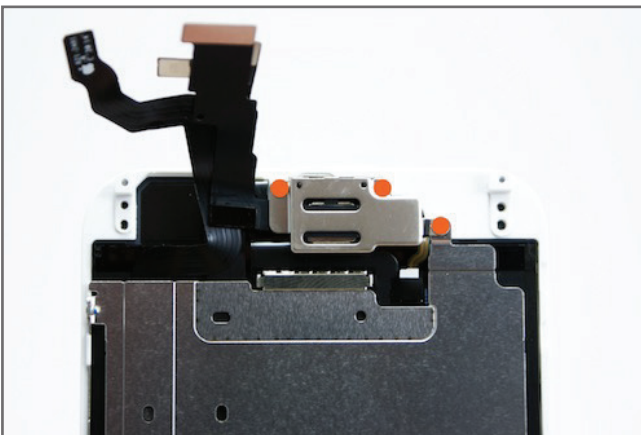
## Home Button Assembly



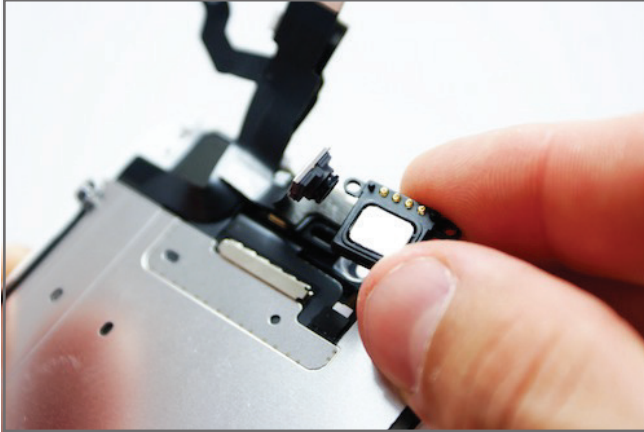
5. Locate and remove the two small Phillips screws (#00) that secure the home button assembly and metal bracket to the display assembly (marked with orange circles).

Use a heat gun or a blow dryer to soften the adhesive that secures the home button assembly in place, and then with the fine tip curved tweezers peel up and remove the home button assembly from the iPhone 6. The rubber gasket around the home button is easy to tear, be careful.

## Earpiece Speaker and Front-Facing Camera Assembly

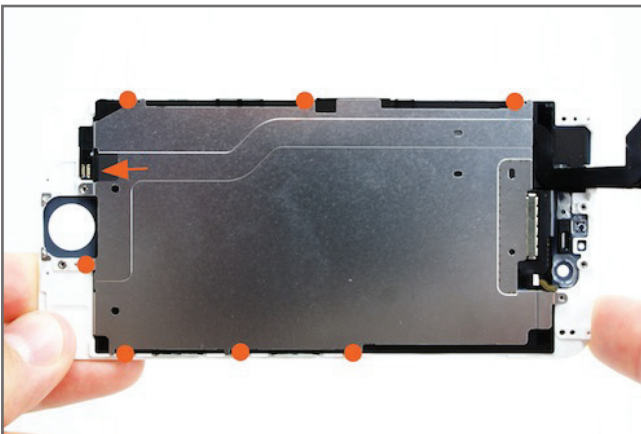


6. Locate and remove the three small Phillips screws (#00) that secure the metal bracket that protects and secures the earpiece speaker in place (marked with orange circles).



7. Once the metal bracket is removed, lift up and remove the earpiece speaker from the iPhone 6. Next, use the fine tip curved tweezers to remove the front-facing assembly from the smartphone.

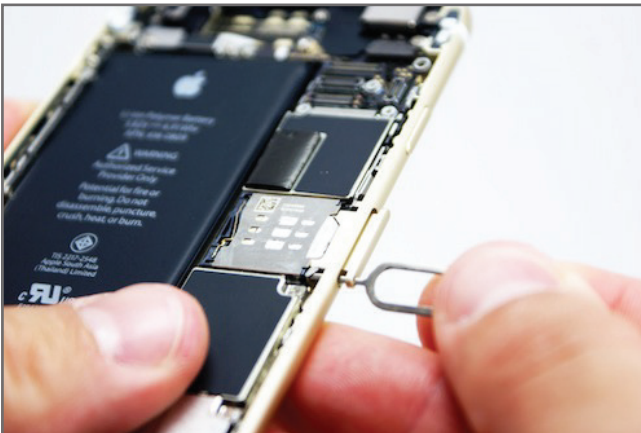
## Display Assembly (LCD and Touch Screen Digitizer)



8. First, locate and remove the seven small Phillips screws (#00) that secure the LCD shield to the display assembly (marked with orange circles).

Now, use a heat gun or blow dryer to soften the adhesive that secures the home button connector (marked with orange arrow). Carefully lift the connector from the adhesive securing it down, and then remove the LCD shield.

## SIM Card Tray



9. Use the SIM card ejection tool or a paper clip to remove the SIM card tray from the iPhone 6.



## Battery

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10. Locate and remove the two small Phillips screws (#00) that secure the protective metal cover over the battery connection (marked with orange circles).

Next, use the fine tip curved tweezers or the spudger to disconnect the battery connection under the protective metal cover.

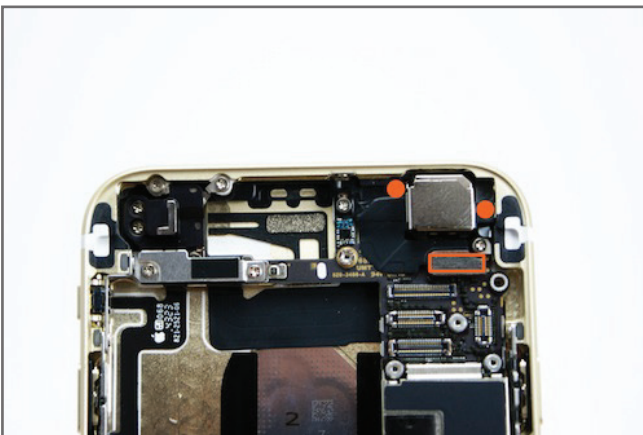


11. There is adhesive that secures the battery to the rear case of the iPhone. Use the pull tabs on the bottom of the battery to CAREFULLY remove the battery from the smartphone.

If pulled correctly it will eliminate the troubles of using a heat gun or blow dryer to soften the adhesive securing the battery in place and coaxing it out with the spudger or plastic pry tool.

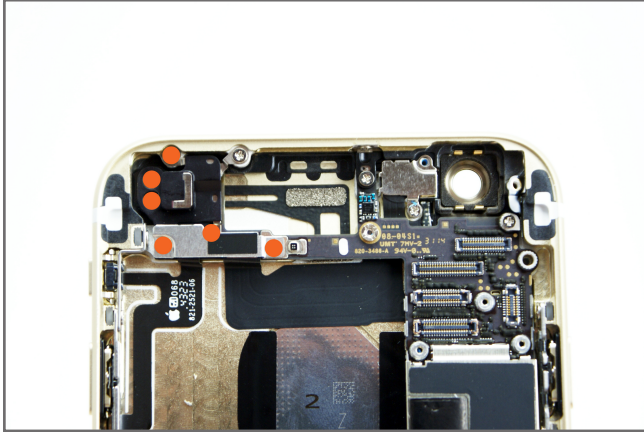
## Rear-Facing Camera and Antenna

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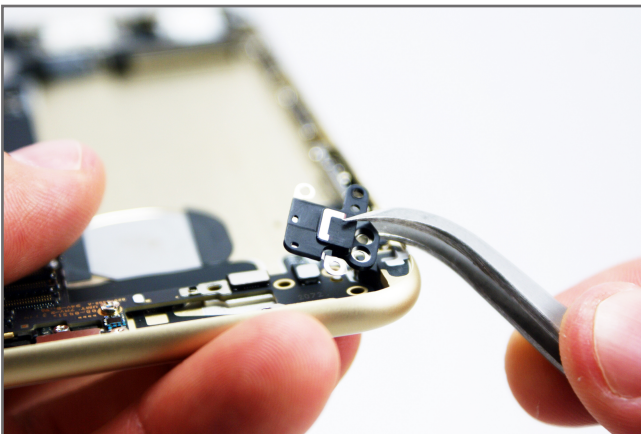


12. Locate and remove the two Phillips screws (#00) that secure the metal protective cover over the rear-facing camera (marked with orange circles).

Now, use the fine tip curved tweezers to disconnect the rear-facing camera's cable (marked with an orange rectangle) and remove it from the iPhone 6.

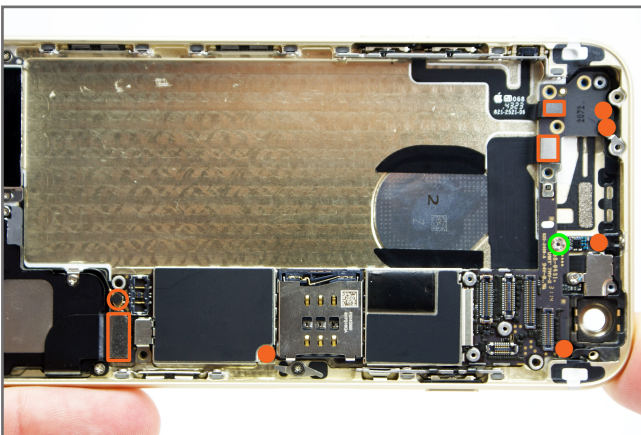


13. Next, locate and remove the six Phillips screws (#00) that secure the protective cover over the power and volume button cable connections and antenna (marked with orange circles).



14. Now, lift and remove the antenna from the iPhone 6.

## Motherboard



15. First, locate and remove the five Phillips screws (#00) that secure the motherboard to the rear case of the iPhone 6 (marked with closed orange circles).

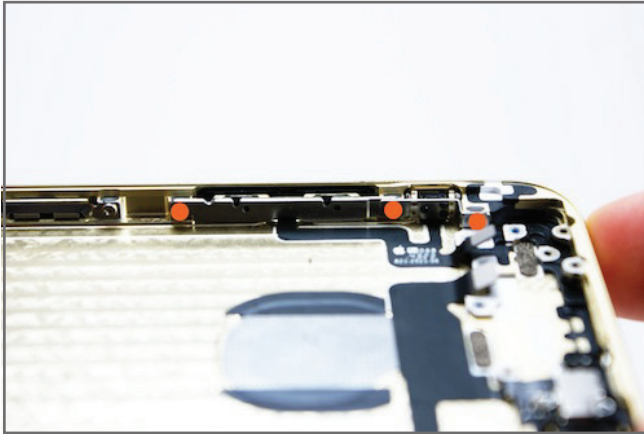
Next, locate and release the three wafer connections for the power button cable, volume buttons cable and lightning port connector assembly (marked with orange rectangles).

Now, locate and release the coaxial connection that is next to the lightning port connection (marked with an open orange circle).

Last, locate the single standoff located on the left of where the rear-facing camera used to be. You will need the flathead screwdriver to remove it (marked with open green circle). You can now carefully maneuver the motherboard out of the iPhone 6.

## Volume Buttons Cable

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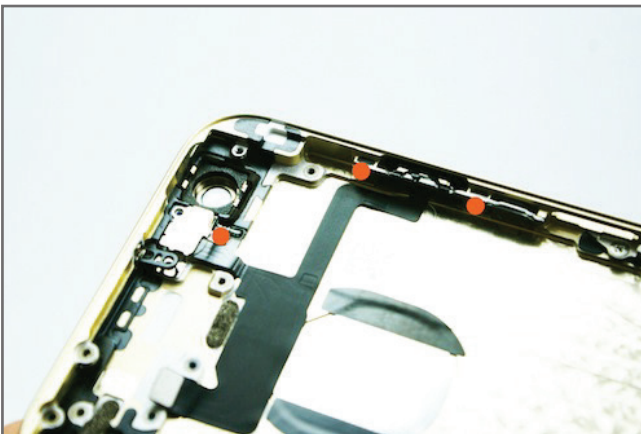


16. Locate and remove the three Phillips screws (#00) that secure the volume buttons cable to the side of the iPhone 6 (marked with orange circles).

Using a heat gun or blow dryer, soften the adhesive holding the ribbon cable in place and then remove the volume buttons cable from the iPhone.

## Power Button Cable

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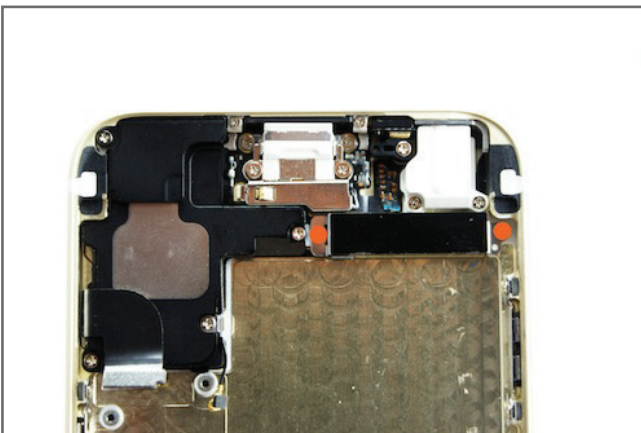


17. Locate and remove the three Phillips screws (#00) that secure the power button cable to the side of the iPhone 6 (marked with orange circles).

Using a heat gun or blow dryer, soften the adhesive that secures the ribbon cable in place and then remove the power button cable from the iPhone.

## Vibrator Assembly

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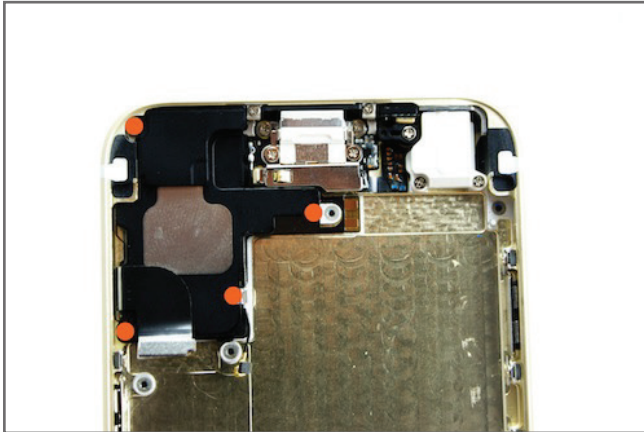


18. Locate and remove the two Phillips screws (#00) that secure the vibrator assembly in place above the lightning port assembly (marked with orange circles).

You can now remove the vibrator assembly from the iPhone 6.

## Loudspeaker

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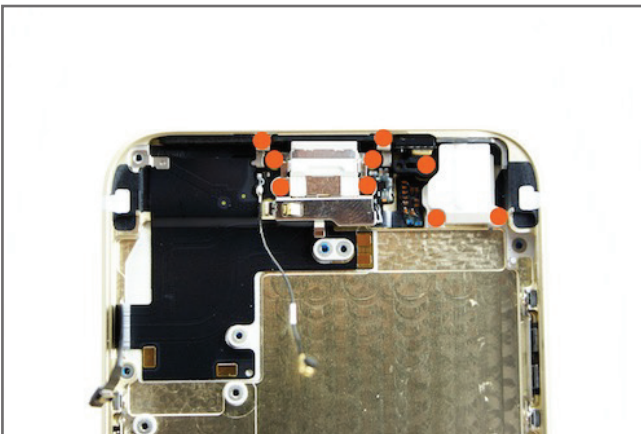


19. Locate and remove the four Phillips screws (#00) that secure the loudspeaker in place (marked with orange circles).

You can now lift the loudspeaker up and out of the phone 6.

## Lightning Port and Headphone Jack Assembly

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20. Locate and remove the nine Phillips screws (#00) that secure the lightning port and headphone jack assembly to the bottom of the rear case of the iPhone 6 (marked with orange circles).

The lightning port and headphone jack assembly is held in place with a small amount of adhesive. Use a heat gun or blow dryer to soften the adhesive and then remove the assembly from the iPhone 6.



## Breakdown

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1. iPhone 6 Loudspeaker
2. iPhone 6 Volume Buttons Cable
3. iPhone 6 Vibrator Assembly
4. iPhone 6 Front-Facing Camera and Sensor Cable
5. iPhone 6 SIM Card Tray
6. iPhone 6 Antenna
7. iPhone 6 Lightning Connector and Headphone Jack Assembly
8. iPhone 6 Power Button Cable
9. iPhone 6 Battery
10. iPhone 6 Home Button Assembly
11. iPhone 6 Motherboard
12. iPhone 6 Rear-Facing Camera
13. iPhone 6 Earpiece Speaker
14. iPhone 6 Rear Case
15. iPhone 6 Display Assembly and LCD Shield

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