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Apple iPhone 5s 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
- 5-0458 Anti Static Wrist Strap
- 5-0769 iPhone 5-Point Pentalobe Screwdriver
- 5-1370 Fine Tip Curved Tweezers

This guide will show you how to disassemble the Apple iPhone 5s smartphone, assisting in making the repair of the device both simple and affordable. Following the detailed steps we have provided will help you safely replace not only a broken display assembly, but also any other internal components that may have become faulty or 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>.

Display Assembly (LCD & Touch Screen Digitizer)



1. Locate and remove the two pentalobe screws on either side of the lightning connector/dock port located on the bottom of the iPhone 5s.



2. Place a suction cup right above the home button on the front side of the display assembly. Using the spudger, start to separate the display assembly from the case of the iPhone 5s.

Next, with the suction cup pull up on the display assembly while holding the outside frame of the iPhone down.

****Do not separate the display assembly completely from the iPhone 5s; the ribbon wire/cable for the home button still attached.***



3. With the display assembly pulled up about one inch from the base of the iPhone, use the spudger to access and disconnect the ribbon wire/cable for the home button assembly.



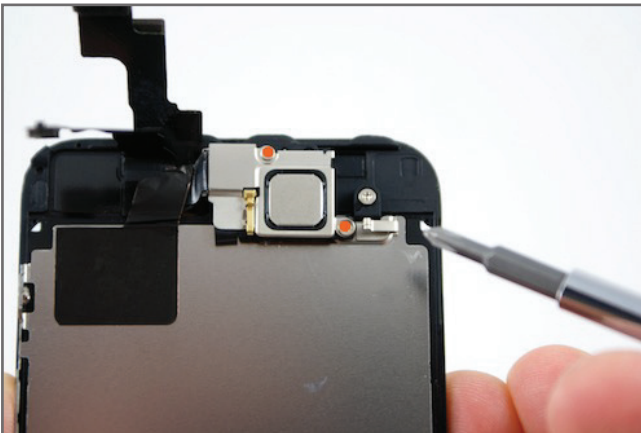
4. Now, locate and remove the four Phillips screws (#00) that secure the metal cover that is protecting the display assembly and front-facing camera connections.



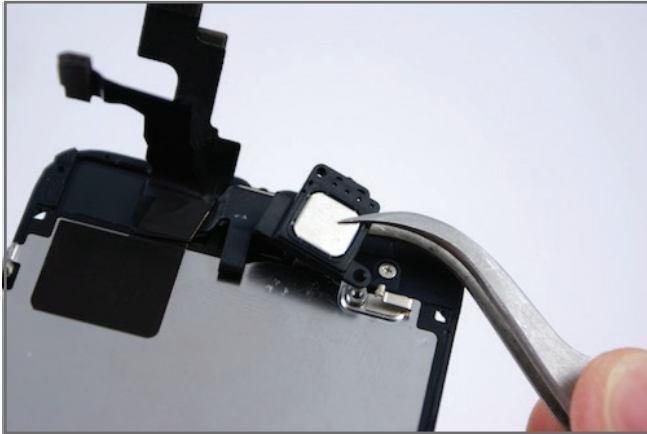
5. With the metal cover removed, use the spudger to pry up the three connections for the display assembly and front-facing camera and remove them from the motherboard.

You can now remove the display assembly from the iPhone 5s.

Earpiece Speaker

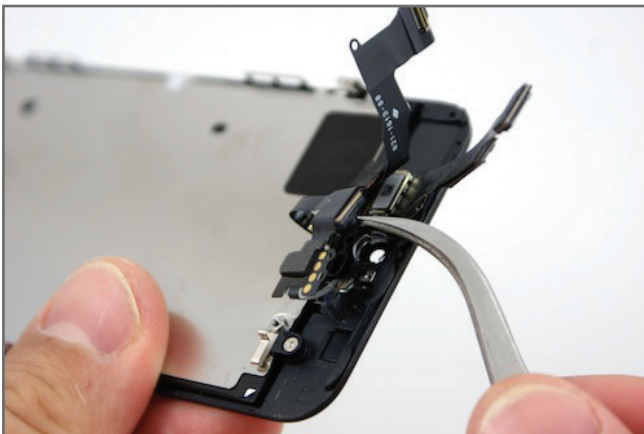


6. Locate and remove the two Phillips screws (#00) that secure the metal clip for the earpiece speaker to the display assembly.



7. Now that the metal clip is removed, you can lift up and remove the earpiece speaker from the display assembly.

Front-Facing Camera & Sensor Flex Cable Assembly



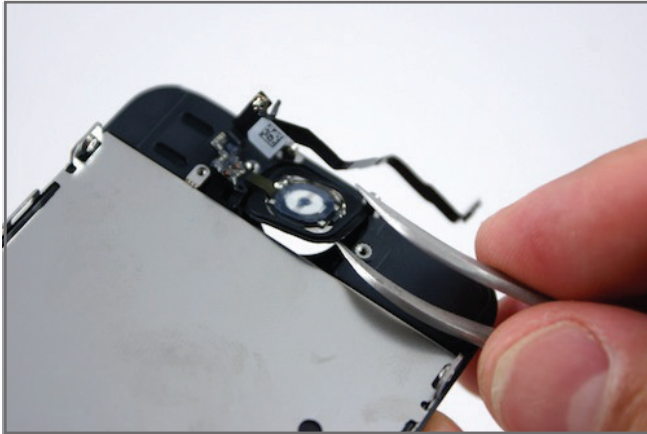
8. With the earpiece speaker removed, you can now peel the front-facing camera and sensor flex cable from the display assembly.

A small amount of adhesive is securing the front-facing camera assembly to the display assembly. Gently work your way around the adhesive until the front-facing camera and sensor flex cable are free for removal.

Home Button Assembly



9. Locate and remove the three Phillips screws (#00) that secure the home button's back plate in place, then remove the back plate from the iPhone 5s.



10. Use the spudger or tweezers to peel off the home button's rubber surrounding. It is secured in place with a small amount of adhesive. ****Be careful not to tear the rubber surrounding.***

You can now remove the home button assembly from the iPhone 5s.

SIM Card Tray



11. With the SIM card removal tool or a paperclip, retract the SIM card tray out from the side of the iPhone.

Battery



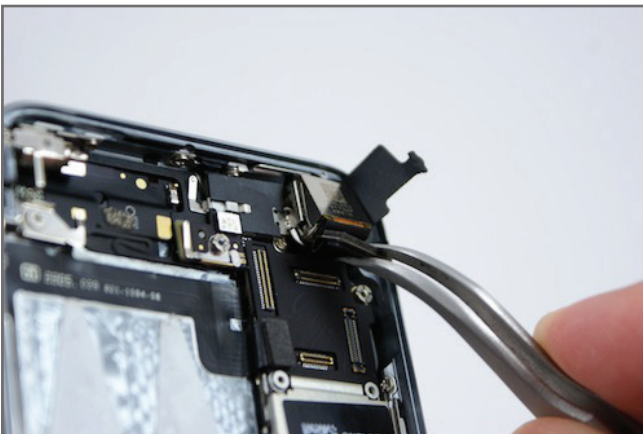
12. Locate and remove the two Phillips screws (#00) that secure the battery connector's metal cover in place, and then remove the cover from the iPhone.

With the cover removed, use the spudger to lift up and disconnect the connector for the battery from the motherboard.



13. The battery is secured to the iPhone with two strips of adhesive. Use the spudger to gently pry up and remove the battery from the iPhone 5s.

Rear-Facing Camera



14. Use the tweezers to lift the rubber cover that is protecting the rear-facing camera.

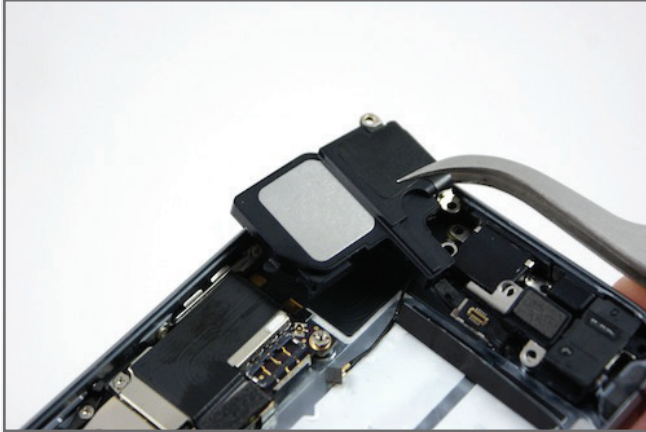
Gently lift up and pry the connector plug for the rear-facing camera to free it for removal.

You can now remove the rear-facing camera from the iPhone 5s.

Loudspeaker

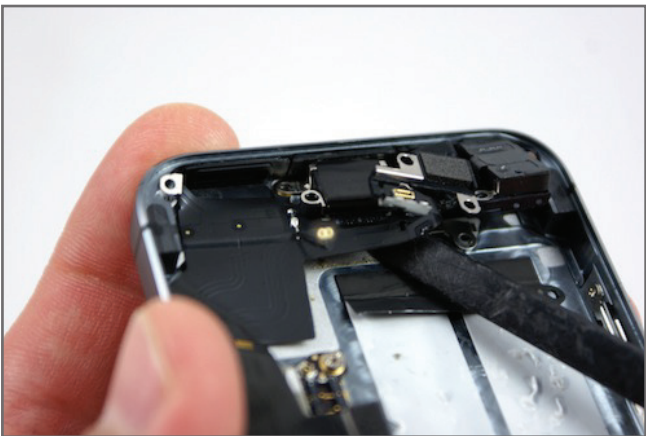


15. Locate and remove the seven Phillips screws (#00) that secure the loudspeaker and the lightning port assembly to the iPhone.



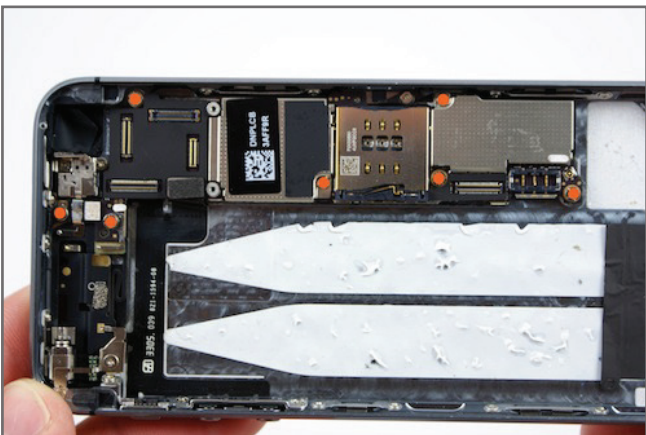
16. With the securing screws removed, the loudspeaker is free to be removed from the iPhone. Use the tweezers to lift the speaker from the iPhone 5s.

Lightning Connector & Headphone Jack Assembly



17. Use the spudger to gently pry up the lightning port and headphone jack flex cable to disconnect it from the motherboard.

The entire lightning port and headphone jack assembly is secured to the bottom of the iPhone with adhesive. Carefully maneuver the spudger under the assembly to free it from its location and remove it from the iPhone 5s.



18. Locate and remove the four standoffs and three Phillips screws (#00) that secure the motherboard to the body of the iPhone.

**Use a small flathead screwdriver to remove the standoffs from the motherboard.*



19. There are two final connections that need to be removed before you can lift the motherboard out of the iPhone.

The first is the connection for the power & volume button assembly that is on top of the motherboard, and the second is the coaxial connection that is on the bottom of the motherboard. Remove both of these connections.

You can now carefully remove the motherboard from the iPhone 5s.



20. Locate and remove the three Phillips screws (#00) that secure the vibrator in place.

Remove the vibrator from the iPhone 5s.

Volume & Power Button Assembly



21. Locate and remove the seven Phillips screws (#00) that secure the volume and power button assembly to the body of the iPhone 5s.

The ribbon cable for the volume and power button assembly is secured with a small amount of adhesive. Use the flat end of the spudger to lift and release the ribbon cable from the iPhone.

You can now remove the volume & power button assembly from the iPhone 5s.

Breakdown



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



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