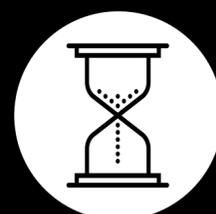




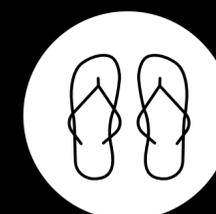
HOW TO REPLACE YOUR iPhone 5S BATTERY



MEDIUM DIFFICULTY



40 MINUTES



23 STEPS

STEP 1 Removing the Pentalobe screws



- Before you proceed, discharge your iPhone battery below 25%. A charged lithium-ion battery can catch fire and/or explode if accidentally punctured.
- Power off your iPhone before beginning disassembly.
- Remove the two 3.9 mm Pentalobe screws next to the Lightning connector.

STEP 2 Manual Opening Procedure



- Press a suction cup onto the screen, just above the home button.
- Be sure the cup is completely on the screen to get a tight seal.
- If you're opening an iPhone with cracked glass, neatly lay a couple strips of packing tape across the front and squeeze out as many bubbles as you can. This will give the suction cup a surface to grab, and minimize the spread of broken glass

STEP 3 Start lifting the front panel assembly



- Make sure the suction cup is firmly attached to the front panel assembly. While holding the iPhone down with one hand, pull up on the suction cup to slightly separate the front panel assembly from the rear case. Take your time and apply firm, constant force. The display assembly is a much tighter fit than most devices.
- With a plastic opening tool, begin to gently pry the rear case down, away from the display assembly, while you pull up with the suction cup. There are several clips attaching the front panel assembly to the rear case, so you may need to use a combination of the suction cup and plastic opening tool to free the front panel assembly.

STEP 4 Detaching the front panel side clips

- Continue to pry up around the sides of the front panel assembly, detaching the clips along the left and right side.

STEP 5 Opening up the phone

- Do not try to completely remove the front panel assembly from the rear case, as there are several delicate ribbon cables connecting them.
- Pull the plastic nub to release the vacuum seal on the suction cup.
- Remove the suction cup from the display assembly.

STEP 6 Removing the Touch ID cable bracket

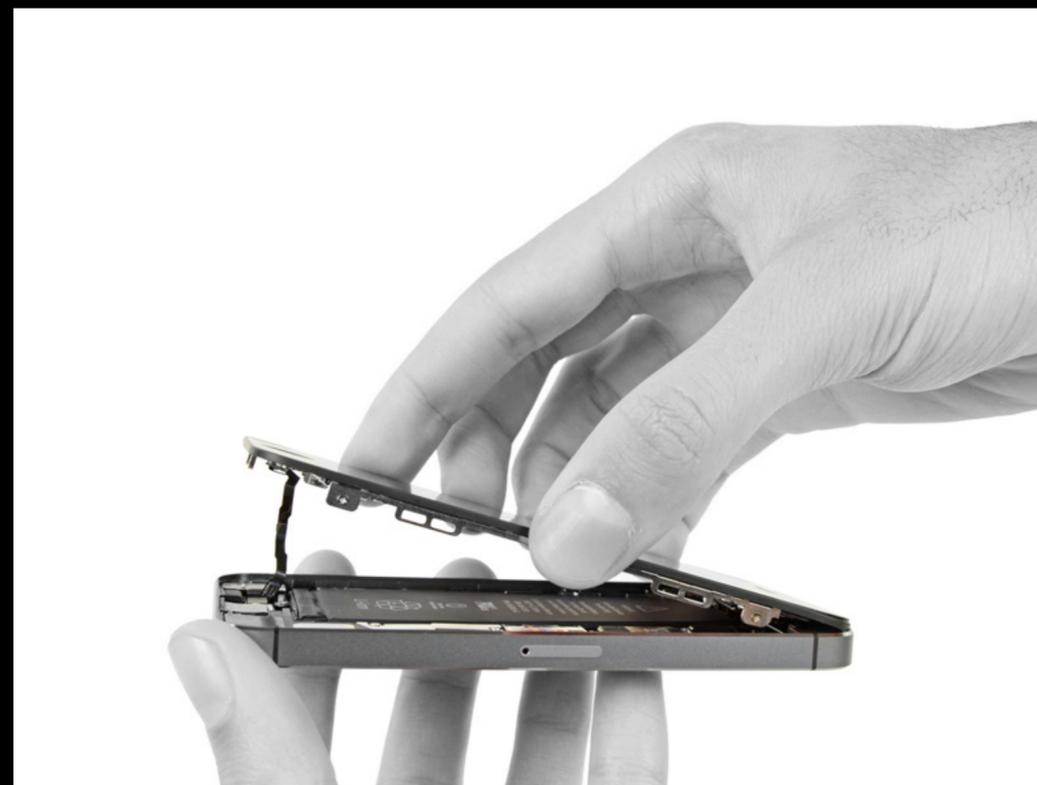
- Open the phone just enough to reveal the metal bracket covering the home button cable.
- Do not open the phone too far or you risk damaging the home button cable, or the socket it plugs into. Keep the cable loose—if it is stretched taut, that's too far.
- Only the phone's original home button assembly will be capable of using the Touch ID functionality. If you rip the cable, installing a new home button will only restore ordinary home button functions, not the Touch ID features. Use the tip of a spudger to push the bracket free and remove it with tweezers.

STEP 7 Disconnecting the home button cable connector



- Use the tip of a spudger to pry the home button cable connector up out of its socket.
- Be sure you're separating the cable connector from its socket, and not prying the entire socket up. The socket is on its own glued-down cable that can be pried up if you aren't careful.

STEP 8 Opening up the phone



- Once the connector has been released, pull the home button end of the assembly away from the rear case, using the top of the phone as a hinge.
- Open the display to about a 90° angle, and lean it against something to keep it propped up while you're working on the phone.
- Add a rubber band to keep the display securely in place while you work. This prevents undue strain on the display cables.
- In a pinch, you can use an unopened canned beverage to hold the display.



STEP 9 Removing the battery connector bracket screws



- Remove the two 1.6 mm Phillips #000 screws securing the metal battery connector bracket to the logic board. ●

STEP 10 Removing the metal battery connector bracket



- Remove the metal battery connector bracket from the iPhone.

STEP 11 Prying the battery connector



- Use the flat end of a spudger to gently pry the battery connector up from its socket on the logic board.
- Be very careful to only pry up on the battery connector itself and not the socket on the logic board. If you pry up on the logic board socket or the board itself, you may destroy the socket or damage nearby components on the board.

STEP 12 Removing the assembly cable bracket screws



➤ Remove the following screws securing the front panel assembly cable bracket to the logic board:

- One 1.7 mm Phillips #000 screw ●
- One 1.2 mm Phillips #000 screw ●
- One 1.3 mm Phillips #000 screw ●
- One more 1.7 mm Phillips #000 screw ●

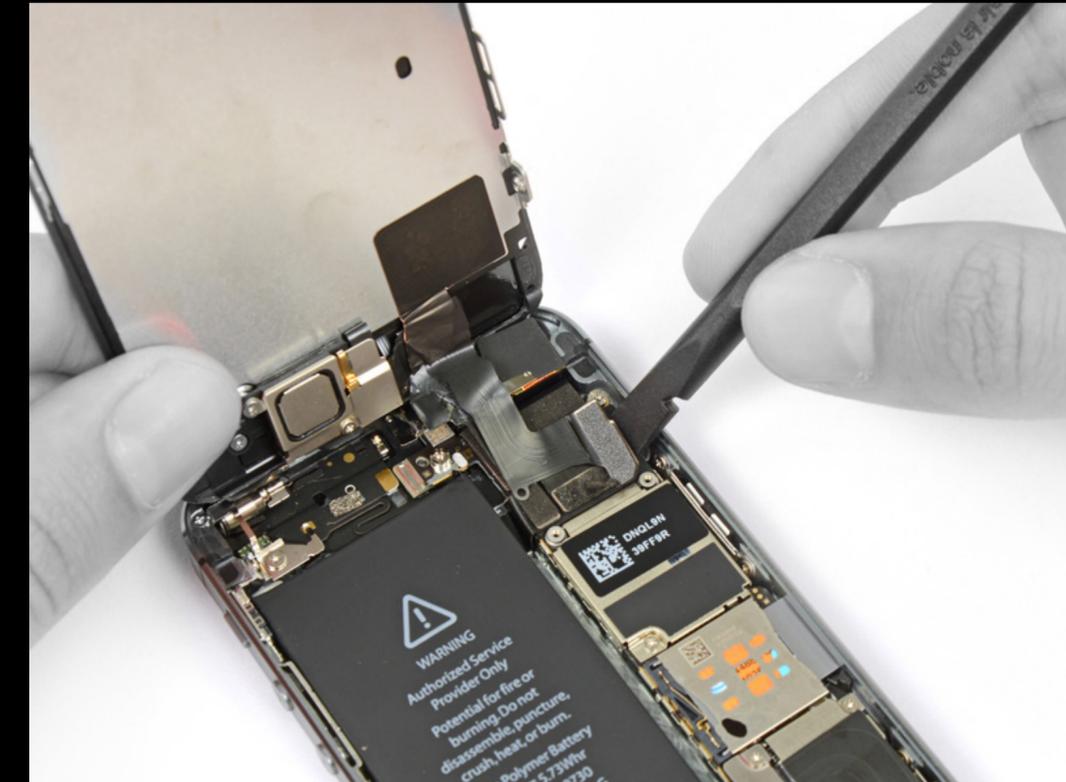
➤ This 1.7 mm screw tends to not be attracted to a magnetized screwdriver. Take care not to lose it when removing.

STEP 13 Removing the front assembly cable bracket



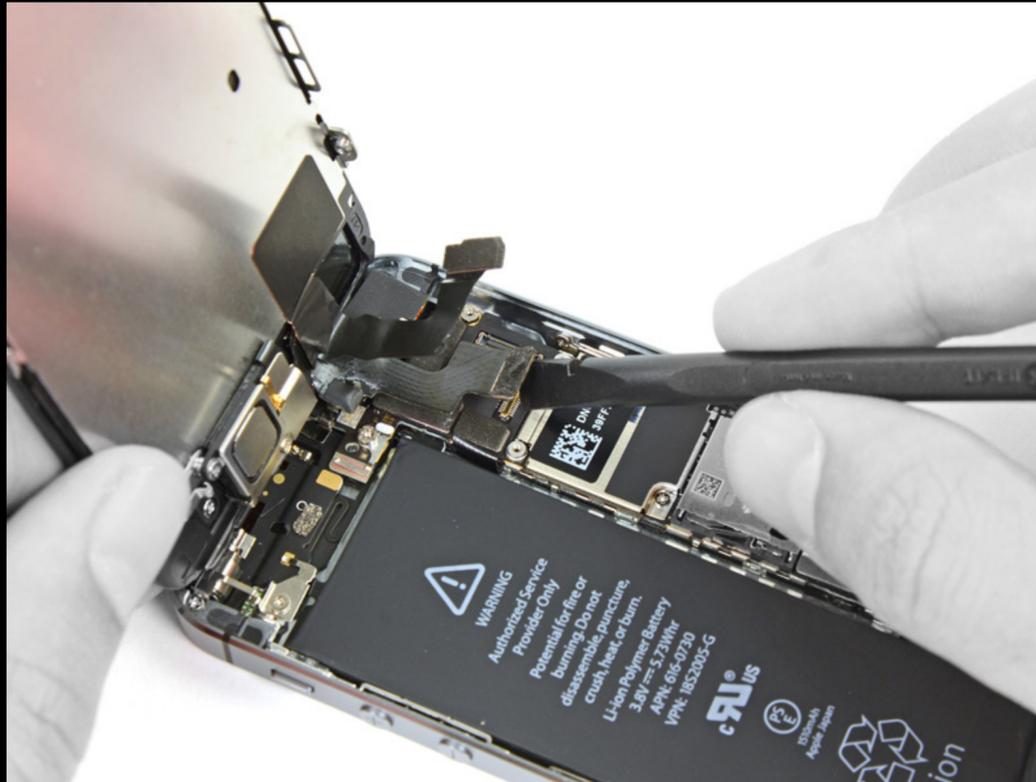
➤ Remove the front panel assembly cable bracket from the logic board.

STEP 14 Disconnecting the front-facing camera



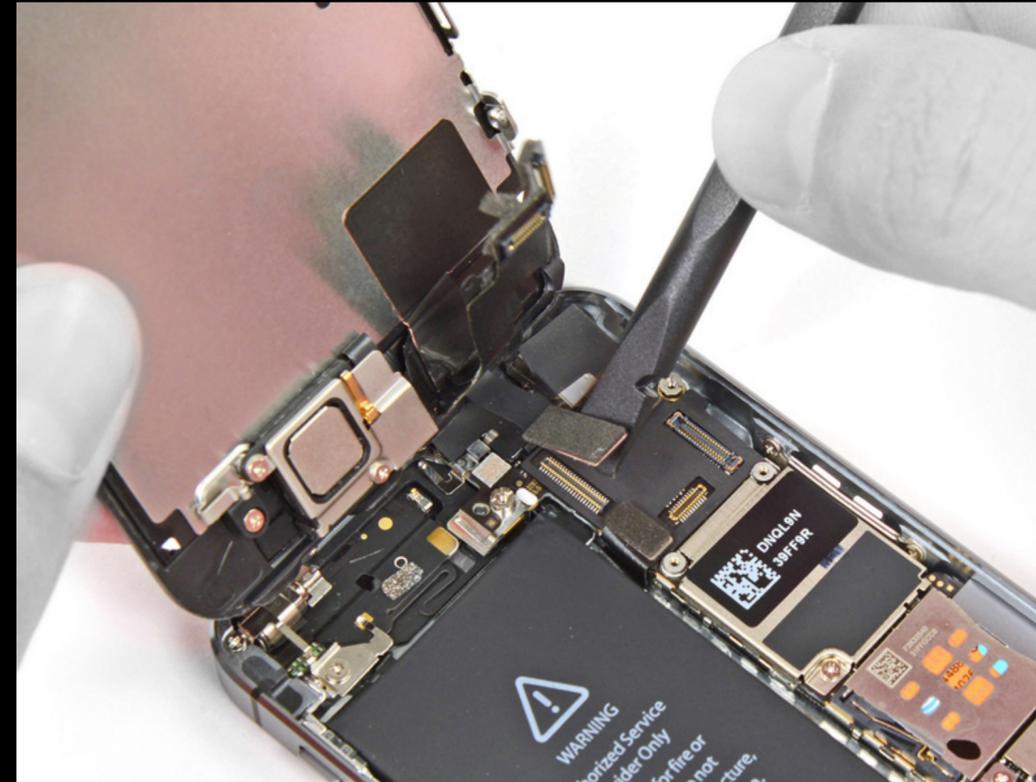
➤ Use a spudger or a fingernail to disconnect the front-facing camera and sensor cable.

STEP 15 Disconnecting the LCD cable connector



- Make sure the battery is disconnected before you disconnect or reconnect the cable in this step.
- Disconnect the LCD cable connector.
- When reassembling your phone, the LCD cable may pop off the connector. This can result in white lines or a blank screen when powering your phone back on. If that happens, simply reconnect the cable and power cycle your phone. The best way to power cycle your phone is to disconnect and reconnect the battery.

STEP 16 Disconnecting the digitizer cable connector



- Finally, disconnect the digitizer cable connector.

STEP 17 Removing the front panel assembly



- Remove the front panel assembly from the rear case.

STEP 18 Battery



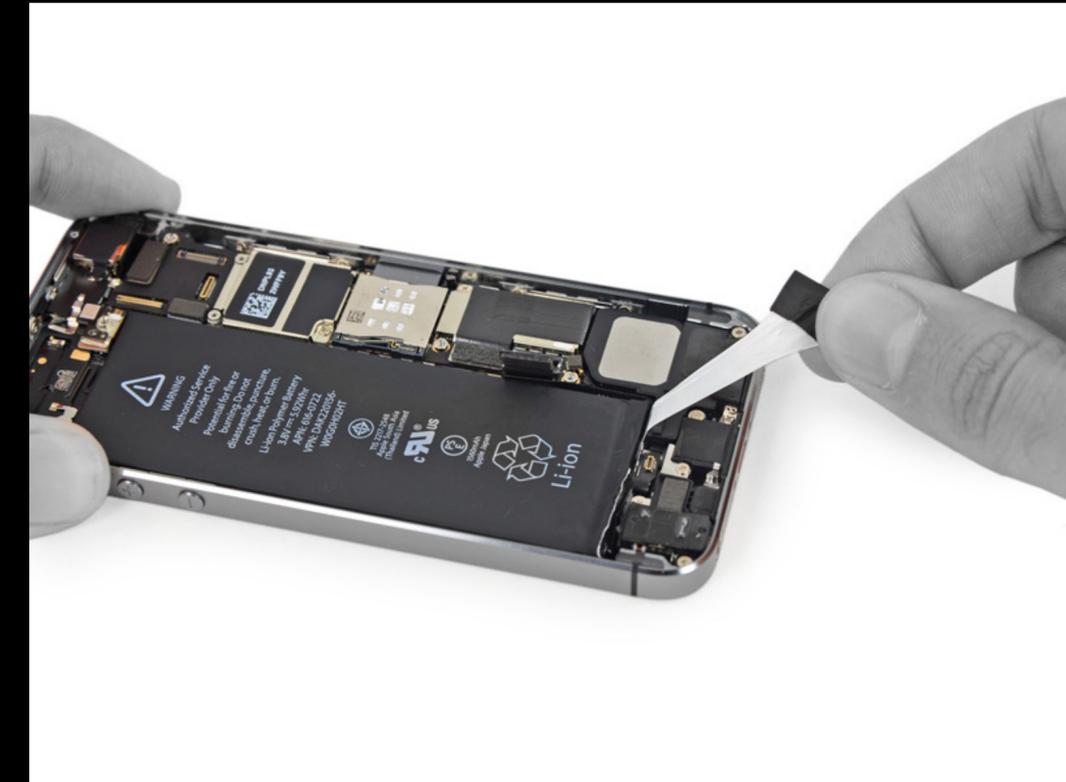
- Run the tip of a spudger between the battery and the headphone jack to unfold the battery adhesive tab.
- Important: Apply heat to the bottom of the iPhone case using an iOpener or similar heating pad to soften up the battery adhesive strips and make them more flexible, otherwise they will probably break when you pull on them.

STEP 19 Cutting the black battery adhesive



- Pull the battery adhesive tab away from the phone.
- Cut the black battery adhesive tab between the two white adhesive strips, separating them.

STEP 20 Pulling the battery adhesive strips away



- Try to keep the strips flat and unwrinkled during this procedure; wrinkled strips will stick together and break instead of pulling out cleanly.
- Slowly pull one of the battery adhesive strips away from the battery, toward the bottom of the iPhone. Pull the white portion of the strip when possible, the black tab may fall off.
- Pull steadily, maintaining constant tension on the strip as it slips out from between the battery and the rear case. For best results, pull the strip at a 60° angle or less. Be careful not to snag it on any of the other internal iPhone components.

STEP 21 Removing the second strip



- Repeat for the second strip.
- If you removed both strips successfully, skip the next two steps.
- If either of the adhesive strips break underneath the battery and cannot be retrieved, try to remove the remaining strip, and then proceed to the next step.

STEP 22 Removing the battery

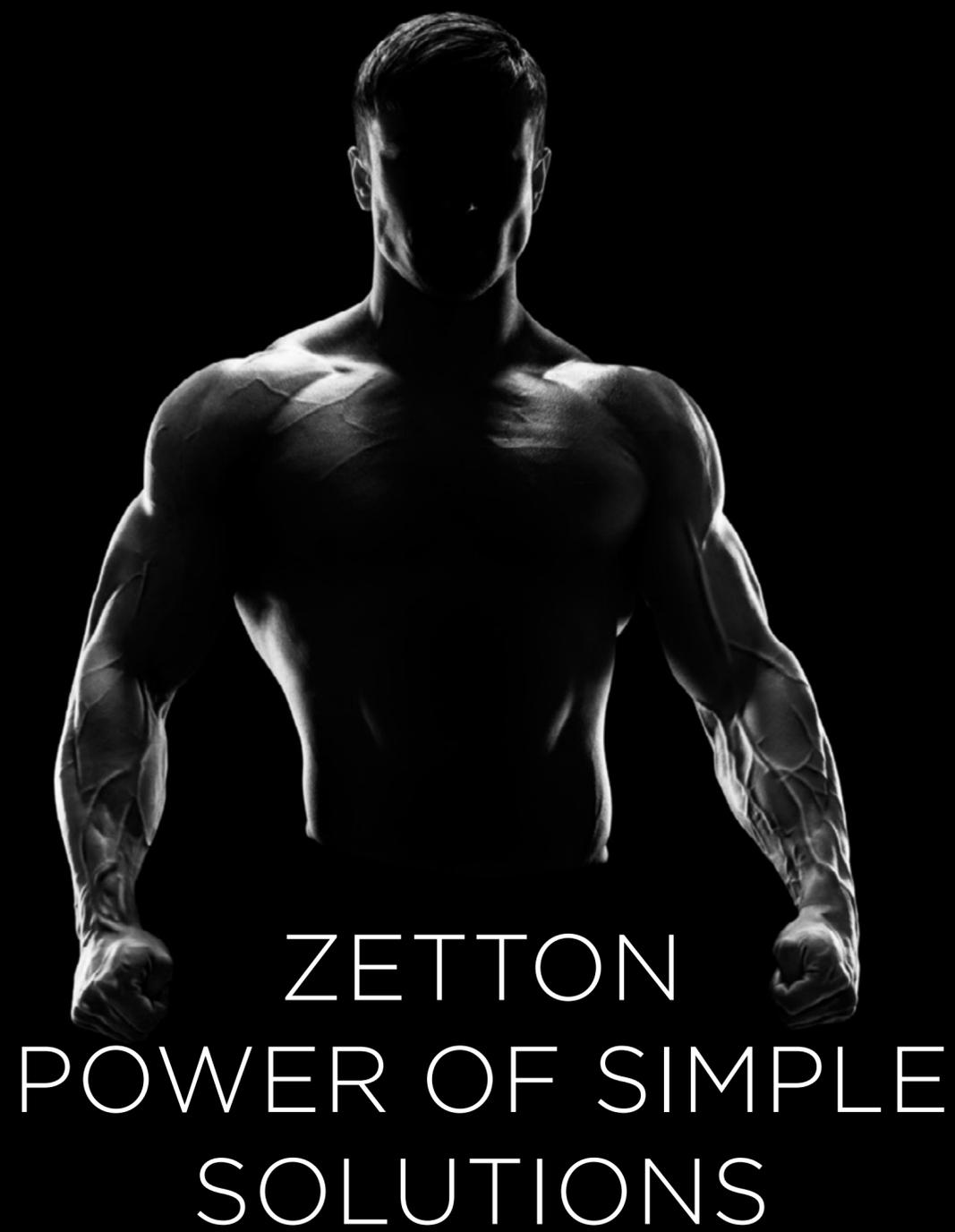


- Flip the iPhone back over and insert a plastic card between the case side of the battery and the rear case. Do not pry against the logic board or you may damage the phone.
- Avoid prying at the top left near the volume controls, or you may damage the volume button ribbon cable. Keep the card as flat as possible to avoid bending the battery, which may damage it and cause it to release dangerous chemicals or catch fire. Do not use any sharp tools to pry at the battery.
- Press the card in farther to break up the adhesive behind the battery.

STEP 23 Pulling the battery out



- Pull the battery out of the rear case.
- When installing the battery, refer to this guide to replace your battery's adhesive strips.
- Perform a hard reset after reassembly. This can prevent several issues and simplify troubleshooting.



ZETTON
POWER OF SIMPLE
SOLUTIONS

Zetton[™] trademark is owned by DiiN LTD

Address: Unit 1010, Miramar Tower, 132 Nathan Road, Tsimshatsui, Kowloon, Hong Kong

+8615903665589 +8675533668229