

iPhone 5S

DO-IT-YOURSELF COMPANION

SCREEN



A couple of things you should do before repairing your device:



BACK UP YOUR DATA



POWER PHONE OFF



PLAY SOME TUNES

- 1** Get your SCREW**MAT** ready.
- 2** Make sure that your device is powered down.
- 3** Put on included **tech gloves**.
- 4** Remove (2) bottom screws with **pentalobe** driver.

# 1

## DO-IT-YOURSELF SCREWMAT

INVENTED BY PHONE DOCTORS®

for your:

### iPhone 5S



- ★ Place the (2) exterior pentalobe screws on these circles
- BATTERY REPLACEMENT: Place the (2) interior screws on these circles
- SCREEN REPLACEMENT: Place the (13) display (LCD) screws on these circles
- ▨ Carefully unplug flex cable and antenna connectors from circuit board & display using plastic tool

## REMINDER

Use the included SCREWMAT to keep screws organized.

# 2



# 4a



# 4b



**1** Use **metal pry tool** to remove screen.

- THERE IS A SMALL GROOVE ON THE SCREEN ASSEMBLY ABOVE HEADSET JACK THAT CAN BE UTILIZED FOR LEVERAGE WHEN PRYING UP SCREEN.

**2** Open screen assembly carefully no more than 1” (inch) and proceed to next page.

- **BE AWARE OF AND VERY CAREFUL TO AVOID DAMAGING THE SMALL TOUCH ID FLEX CABLE JUST INSIDE THE OPENING.**

1



2



**CAREFUL**

Touch ID flex cable

- 1** Remove the metal clip covering the Touch ID flex connector with **tweezers** as shown in **images 1a-1c**.
  - THIS PART CAN BE EASILY LOST. PLACE IT ON THE SCREWMAT.
- 2** Gently disconnect Touch ID flex connector with **plastic pick** as seen in **image 2**.
- 3** After completing step 2, tilt screen assembly back to open device.



**1** Remove the (4) shield screws with the **Phillips** driver.

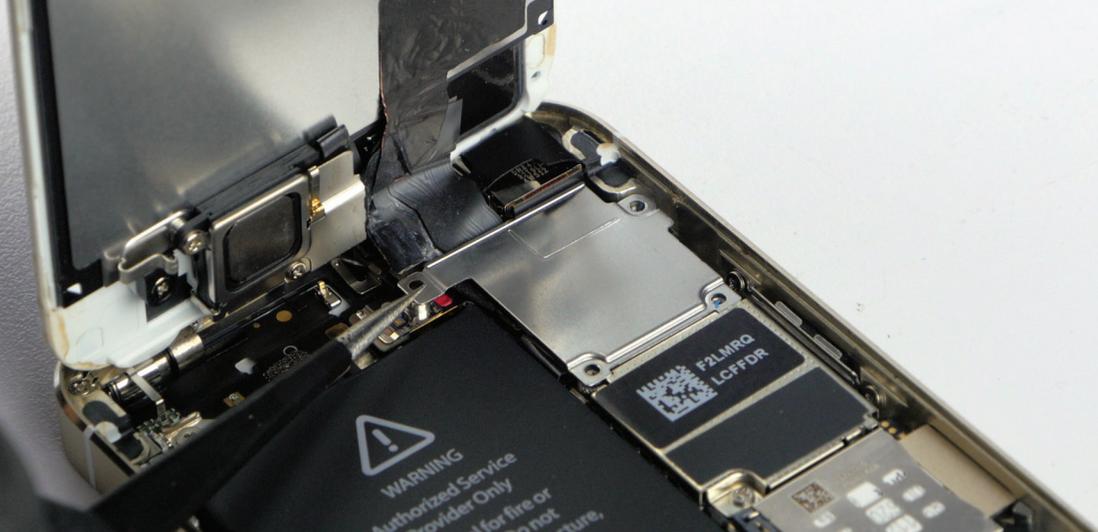
- USE SCREWMAT FOR ORGANIZATION OF THESE (4) SCREWS.

**\* KEEPING PERFECT ORDER OF THESE (4) SCREWS IS IMPERATIVE DUE TO THE LENGTH OF EACH SCREW. PLACING A SCREW IN THE WRONG LOCATION CAN RESULT IN DAMAGE TO YOUR DEVICE.**

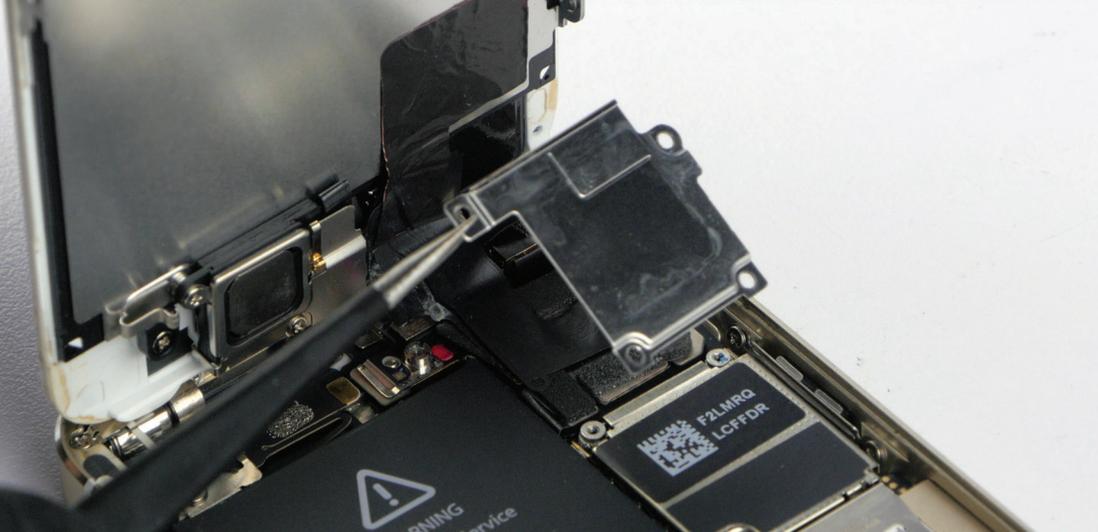


- 1 Carefully remove the flex shield with **tweezers** as shown in **images 1a-1b**.

1a

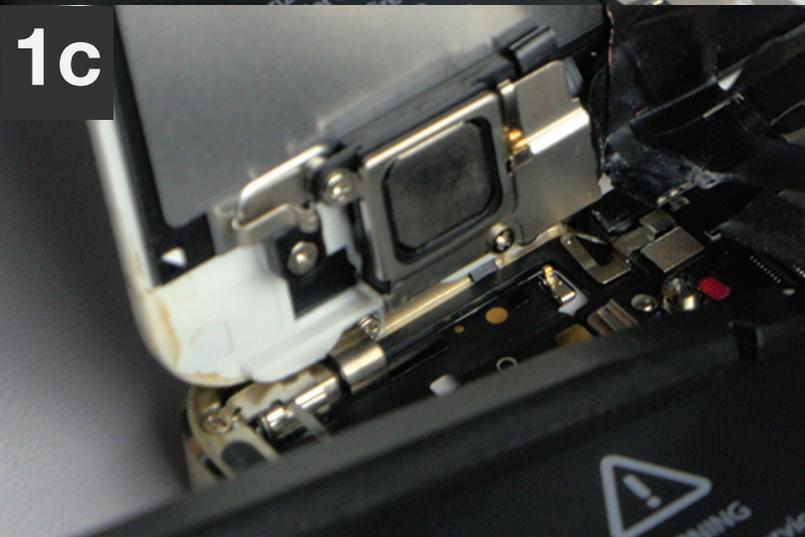
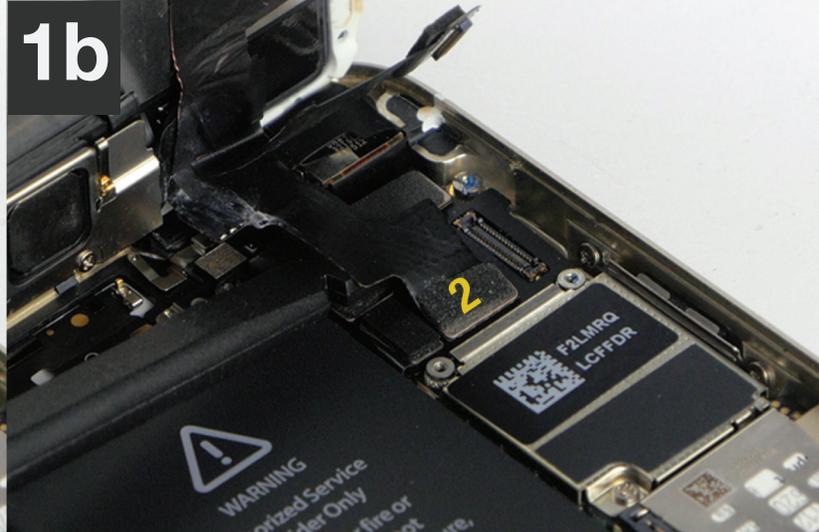
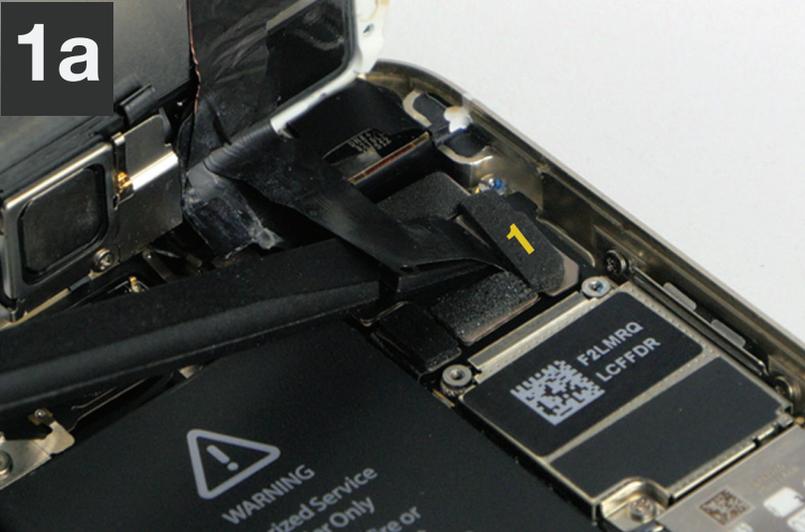


1b



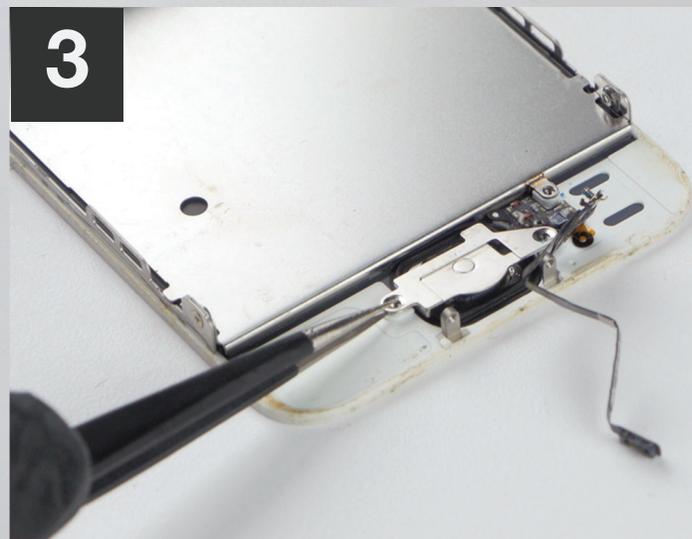
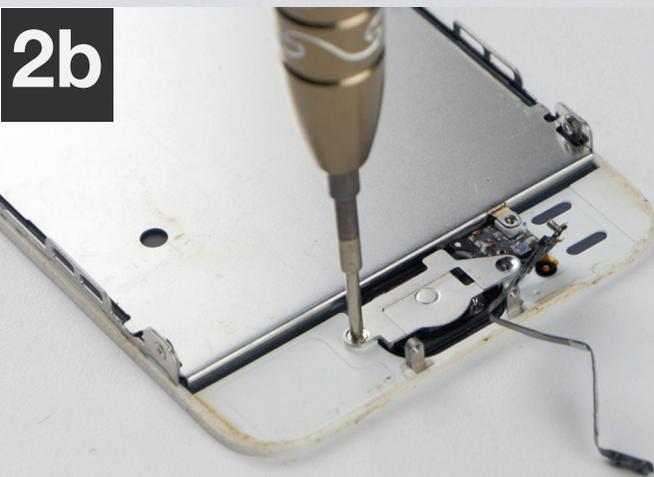
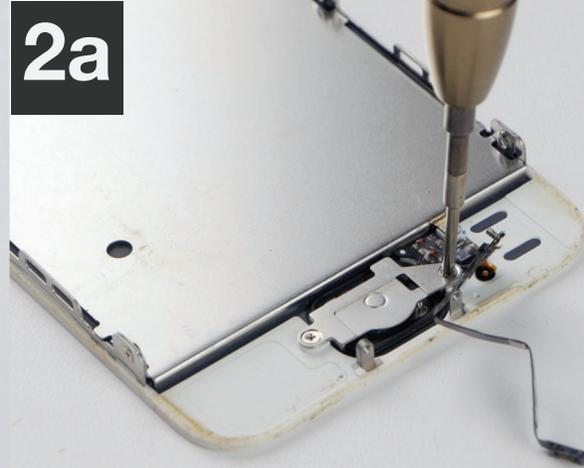
**1** Gently disconnect flex cables 1-3 using **plastic pick** as shown in **images 1a-1c**.

- LIFT EACH CONNECTOR UPWARDS TO DISCONNECT.



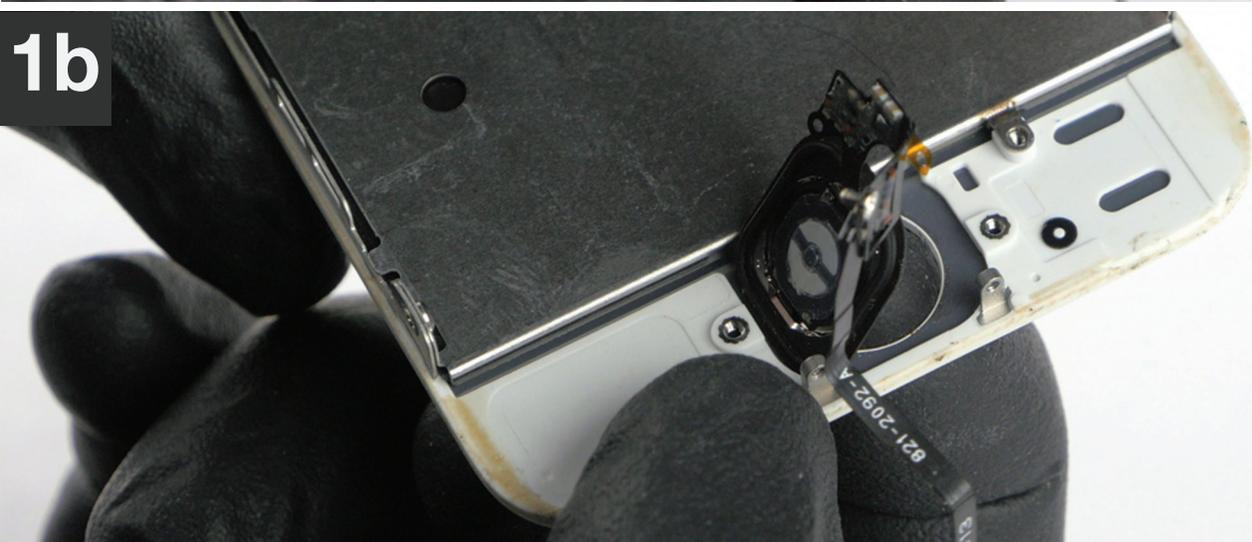
Now, let's remove some small parts for the new screen assembly.

- 1** Use the **Phillips** driver to remove the (1) screw from Touch ID Flex assembly in **image 1** and put on **SCREWMAT**.
  - YOUR TOUCH ID IS UNIQUE ONLY TO YOUR FINGERPRINT AND WE NEED IT ON THE NEW SCREEN ASSEMBLY.
- 2** Next, remove (2) more **Phillips** screws shown in **images 2a-2b** and put on **SCREWMAT**.
- 3** Gently use **tweezers** to remove only metal shield in **image 3**. and place on **SCREWMAT**.

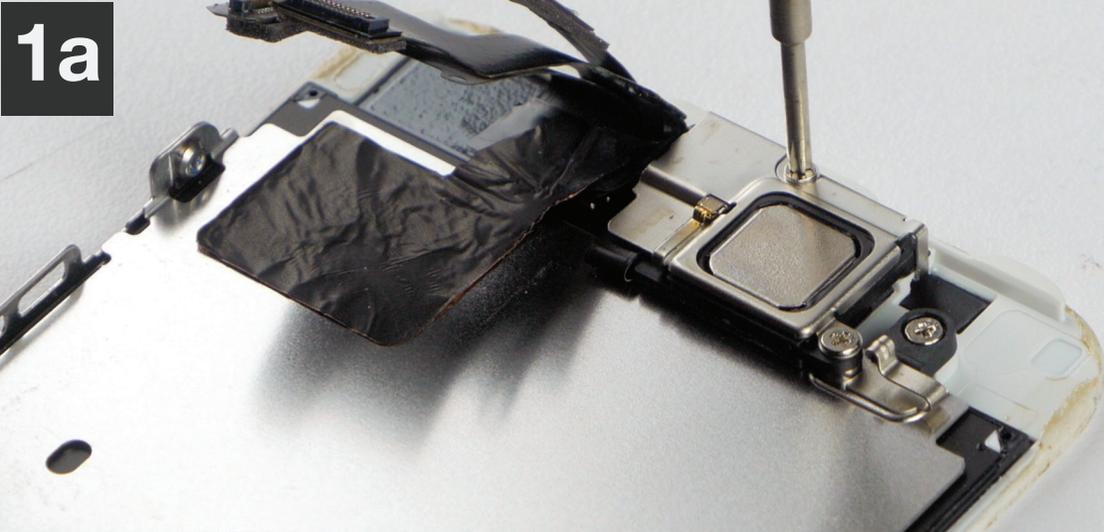


Now, let's remove the Touch ID flex assembly/home button from the old screen assembly.

- 1** From the reverse side, apply light pressure on the home button causing Touch ID flex assembly/home button to come loose as shown in **images 1a-1b**.
  - **BE CAREFUL NOT TO TEAR FLEX CABLE OR RUBBER SEAL.**
  - TRANSFER TOUCH ID FLEX ASSEMBLY/HOME BUTTON TO NEW SCREEN ASSEMBLY.



- 1 Remove (2) **Phillips** screws from the proximity shield as shown in **images 1a-1b**.



- 1** Remove metal shield with **tweezers** as shown in **images 1a-1b**.
- 2** Remove ear speaker with **tweezers** as shown in **images 2a-2b**.

1a



1b



2a



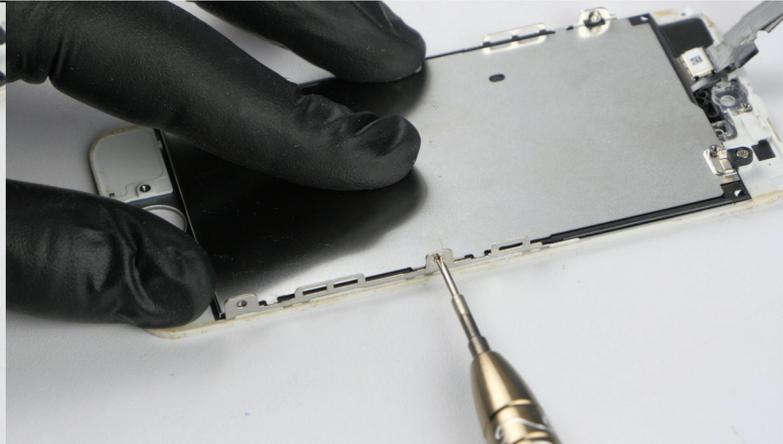
2b

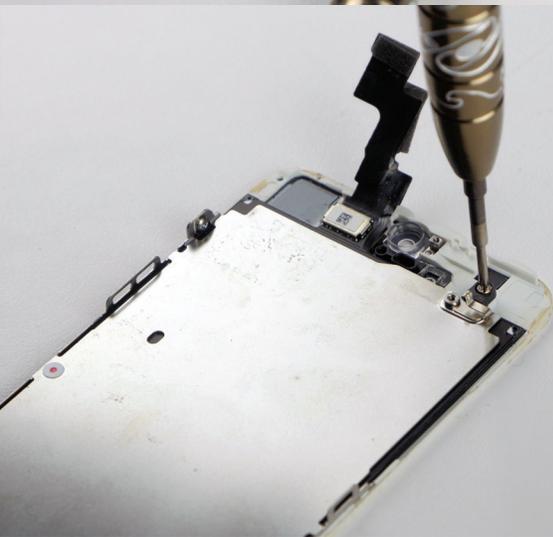
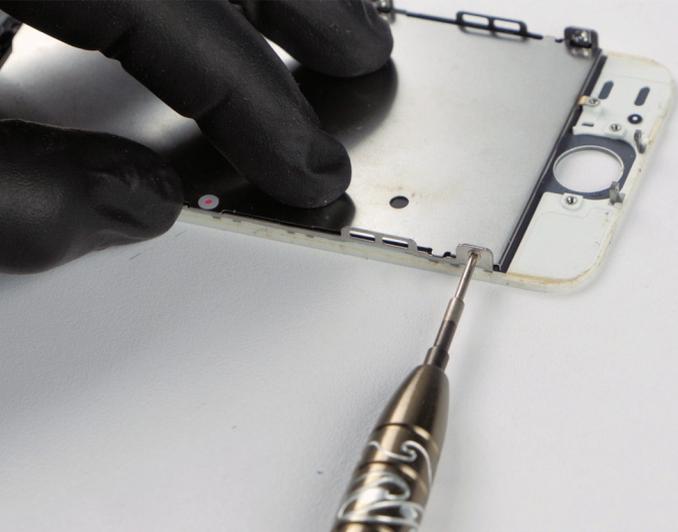


- 1 Next, gently pry up (as shown in **image 1a-1b**) the proximity camera flex assembly using the **plastic pick**.



- 1 Almost there... you're doing great!
- 2 Remove the (5) **Phillips** screws to separate the LCD metal protective shield from the frame of the screen assembly.
  - PLACE SCREWS ON SCREWMAT.



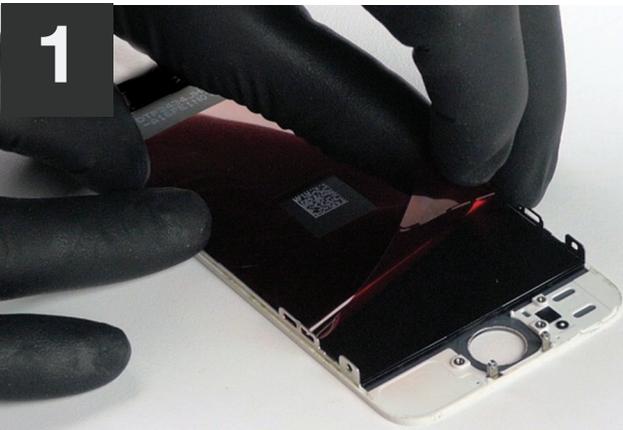


**REMINDER**  
Use the included **SCREW/MAT**  
to keep screws organized.

## \* LCD IS FRAGILE, HANDLE WITH TLC

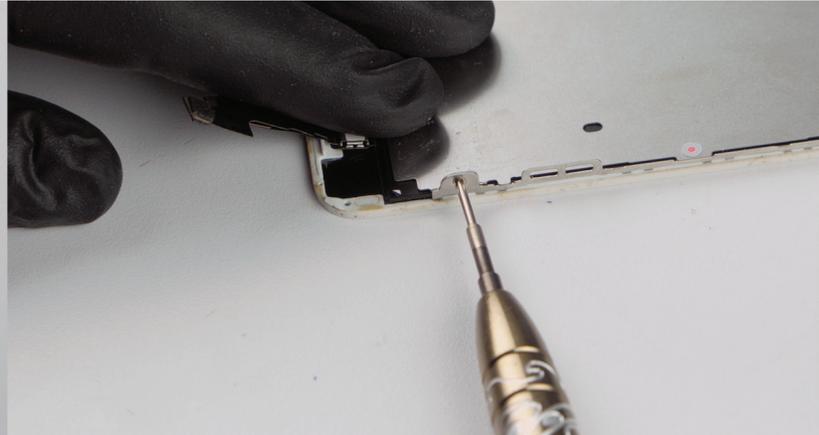
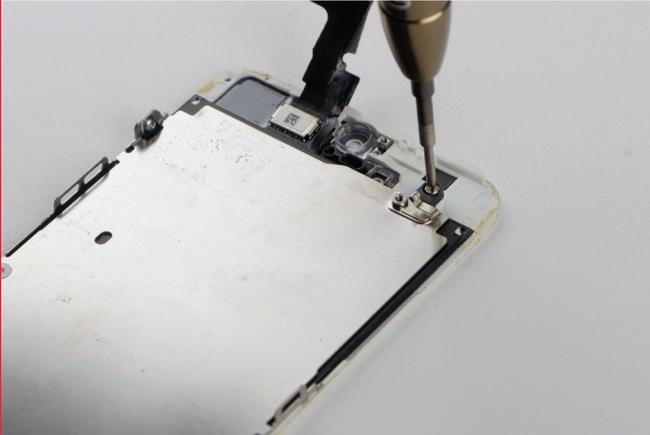
- 1** Get new screen assembly and remove clear plastic protective film from backside of new LCD in **image 1**.
- 2** Carefully install previously removed LCD metal protective shield into the new screen assembly frame in **image 2**.

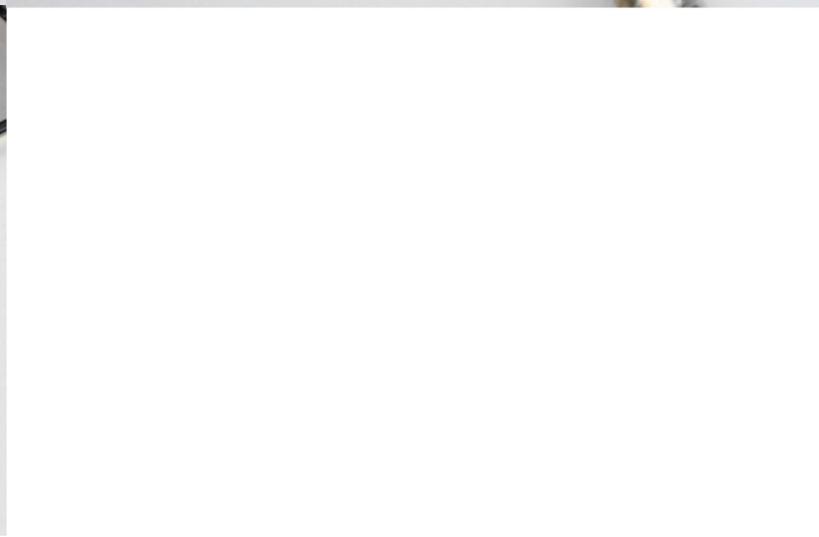
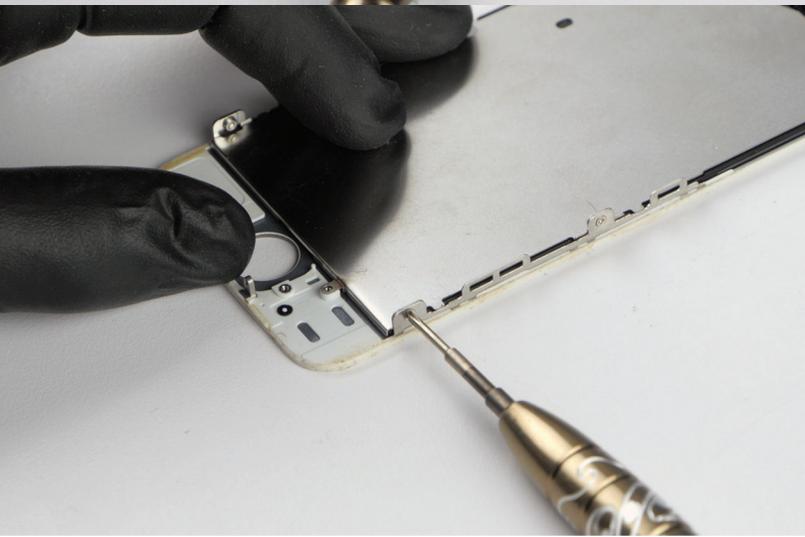
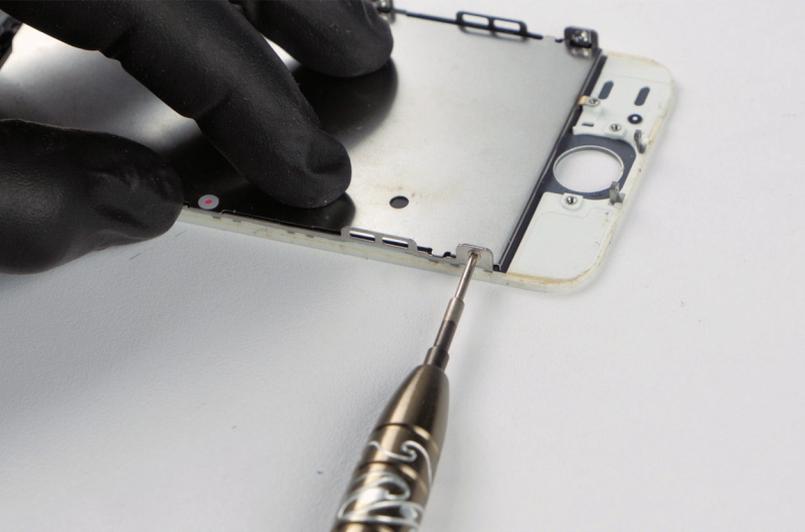
# The Re-Assembly Begins



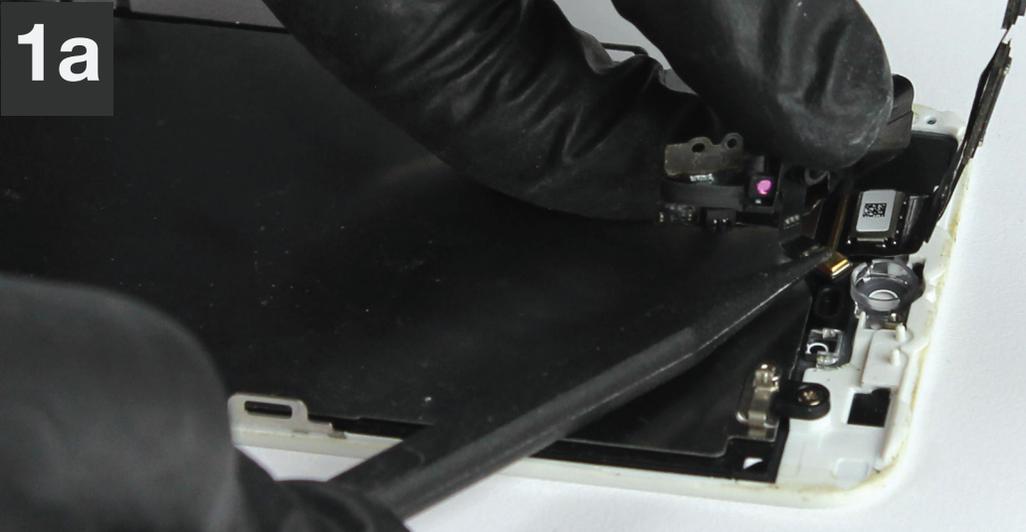
**1** Insert (5) **Phillips** screws into your new LCD frame.

- SCREWS ON SCREWMAT.





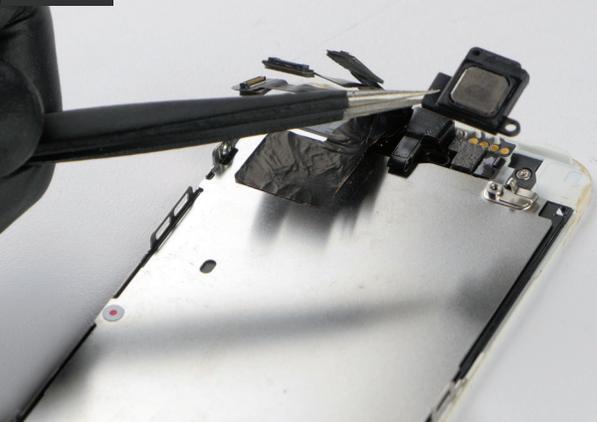
- 1** Insert the proximity/front camera flex back into the LCD frame as shown in **images 1a-1b**.



- 1** Align and gently set ear speaker back into place as shown in **images 1a-1b**.
- 2** Align and set proximity shield over earspeaker as shown in **images 1a-1b**

- YOU MAY HAVE TO GENTLY BEND PARTS OF THE PROXIMITY SHIELD IN ORDER FOR IT TO SET CORRECTLY.

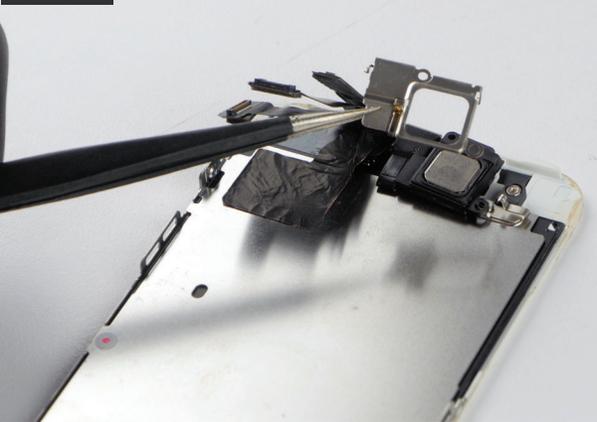
1a



1b



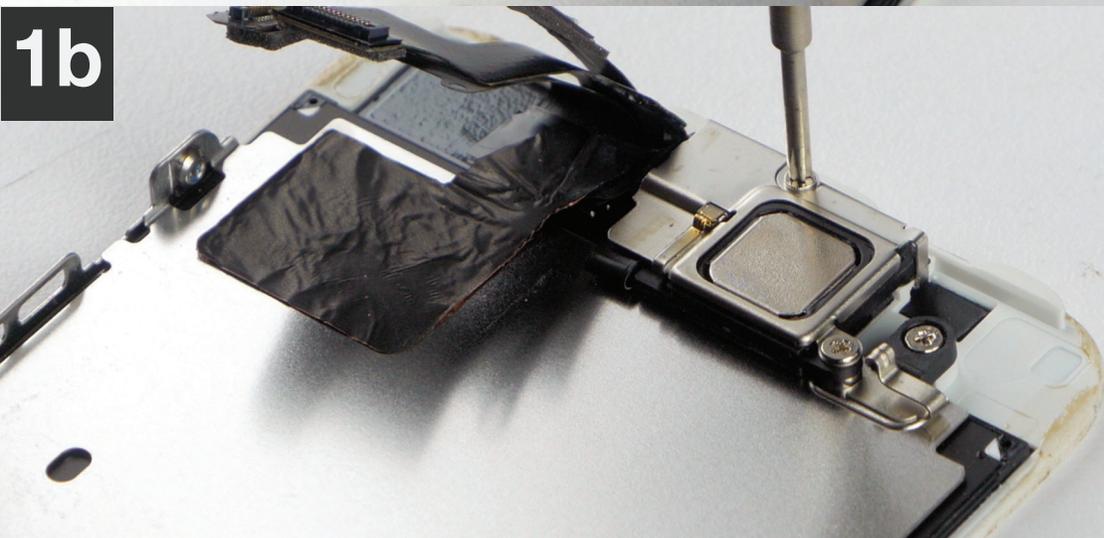
2a



2b



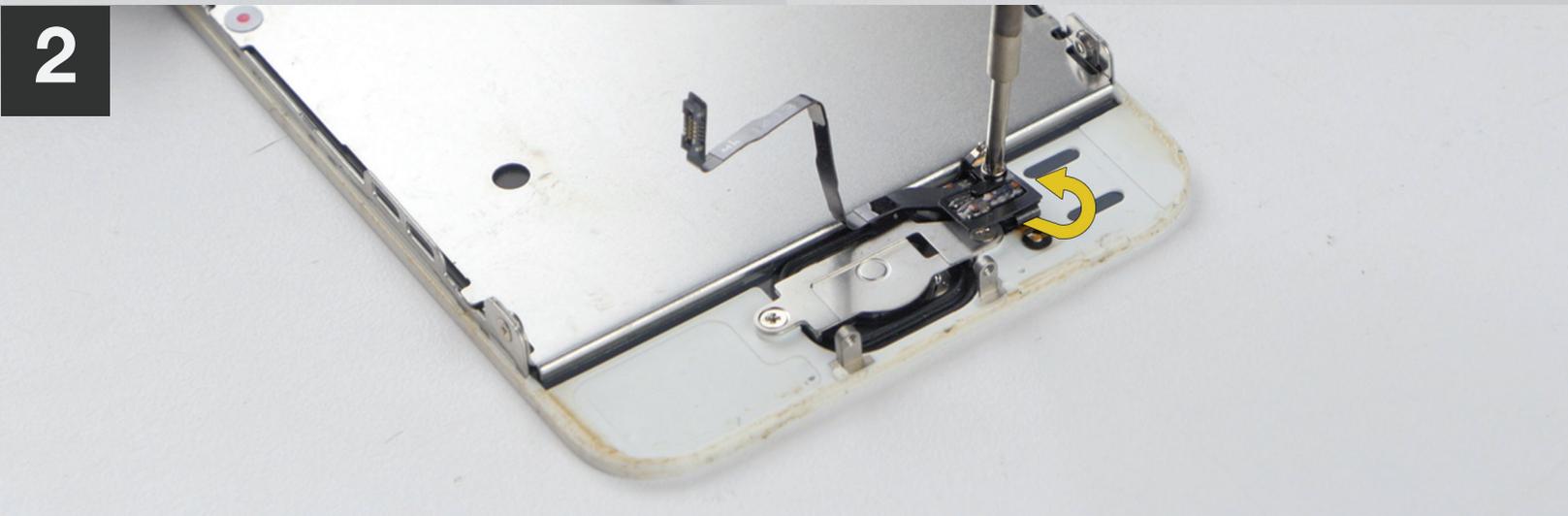
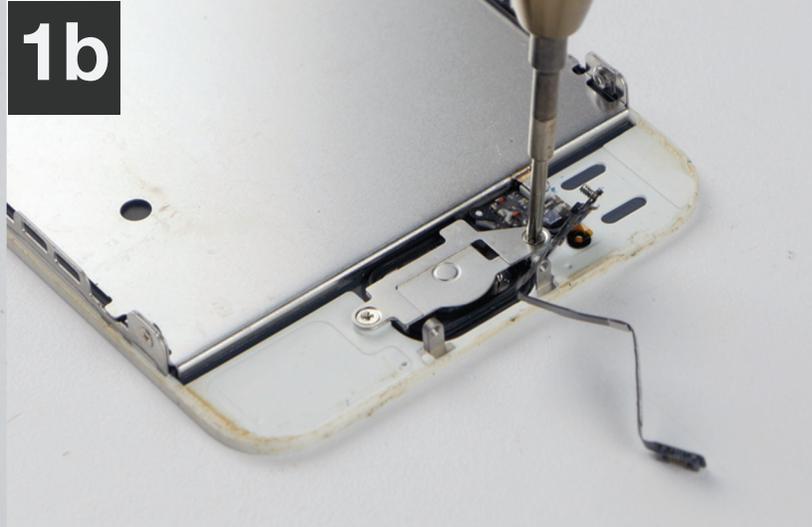
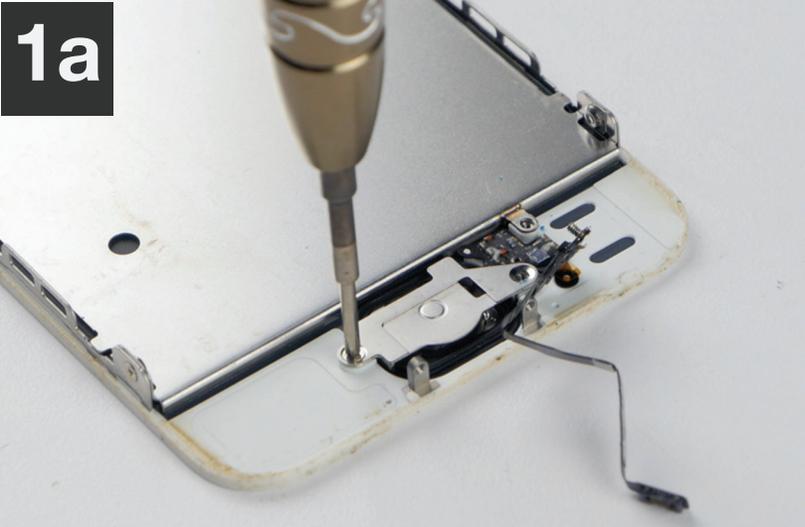
**1** Insert (2) **Phillips** screws as shown in **images 1a-1b**.



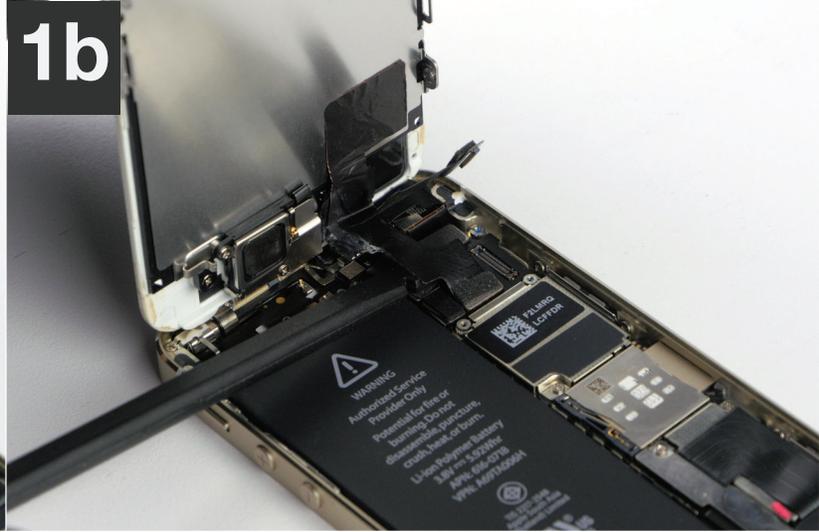
- 1** Insert Touch ID flex assembly/home button into new screen assembly as shown in **images 1a-1b**.



- 1** Put the metal shield in place and insert the (2) **Phillips** screws as shown in **images 1a-1b**.
- 2** Fold over Touch ID flex assembly and tighten (1) **Phillips** screw as shown in **image 2**.



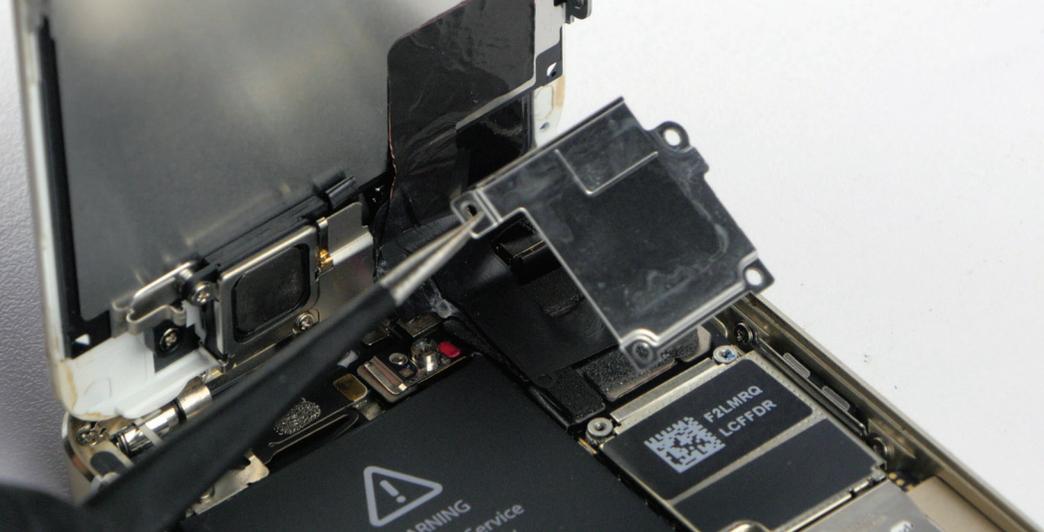
- 1** Prepare new assembly and plug all (3) flex connectors onto the board as shown in **images 1a-1c**.

**1a****1b****1c**

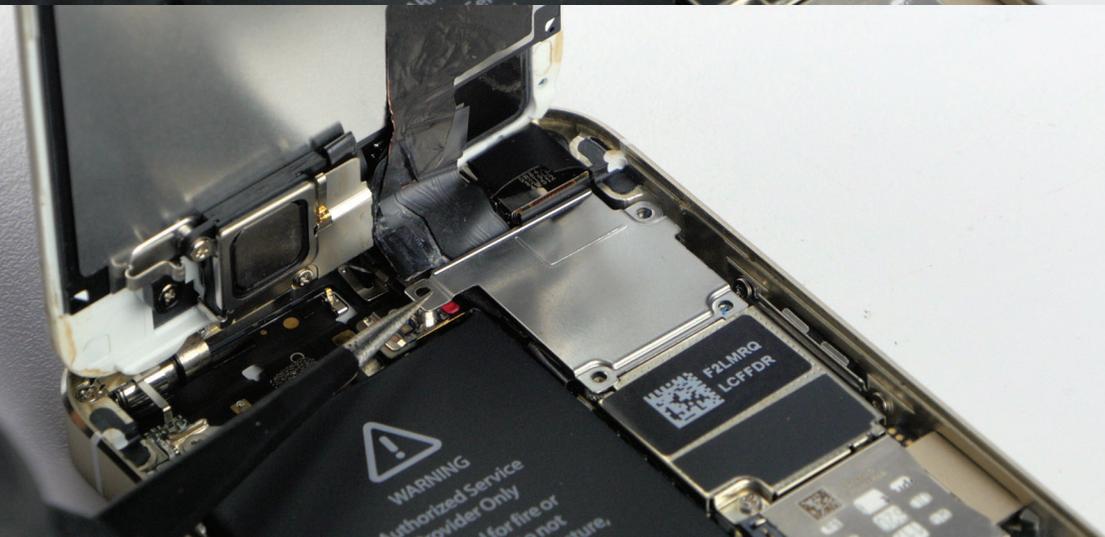
Using your index finger to line these connectors up and press them down is best.

- 1 Align and place shield back into position with **tweezers** as shown in **images 1a-1b**.

1a

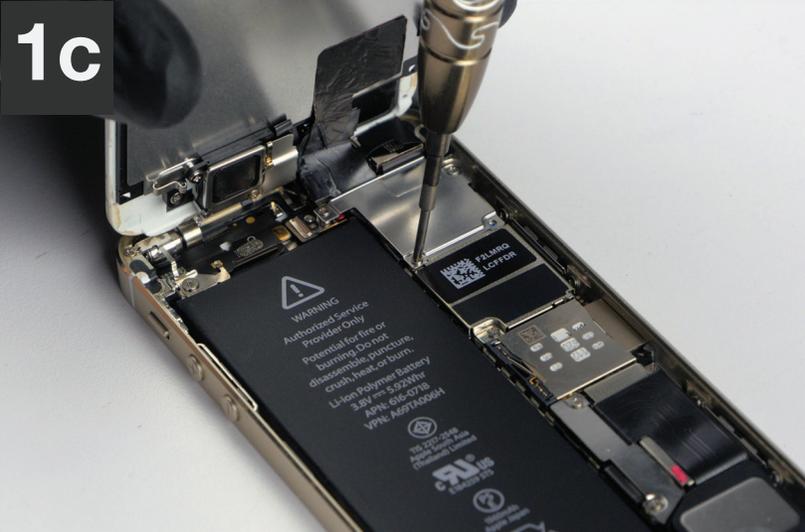
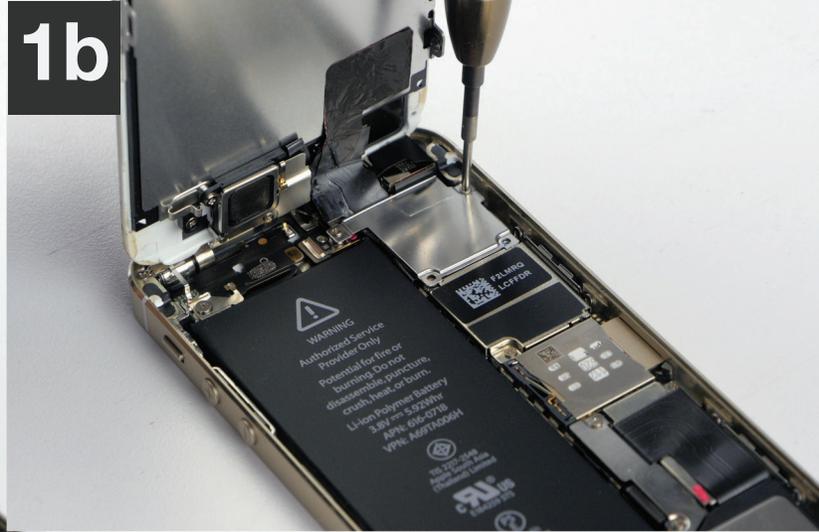
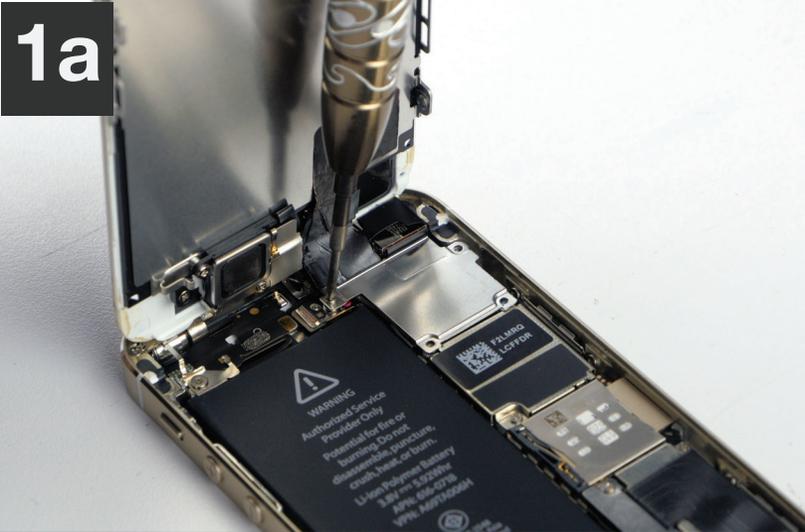


1b



**1** Insert all (4) **Phillips** screws as show in **images 1a-1d**.

- ON SCREWMAT.



- 1** Carefully connect Touch ID flex.
- 2** Align and place Touch ID flex clip into place as shown in **images 2a-2b**.

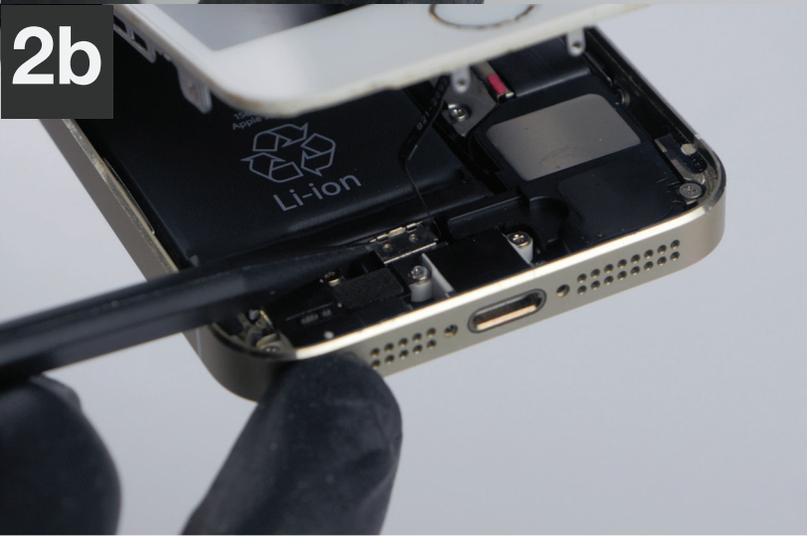
1



2a



2b



## 1 Close LCD/digitizer into the housing as shown in **images 1a-1c**.

- FIRMLY AND EVENLY PRESS ON EDGES OF NEW SCREEN ASSEMBLY UNTIL IT GENTLY CLICKS INTO POSITION.

1a



1b



1c



- 1 Insert the (2) **pentalobe** screws into housing.



## **CONGRATULATIONS**

You have reached the end of your repair. *Nice work.*



