



Samsung A3 2016 Model - A310F Display / LCD Replacement

Repair guide for display/LCD replacement for the Samsung A3 2016 Model (A310F)

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 **TOOLS:**

- Metal Spudger, Suction cup, Phillips Screwdriver (1)

 **PARTS:**

- GH97-18249A (1)

Step 1 — Display / LCD



- Remove the SIM tray from the phone.

Step 2 — Removing the battery cover



- Use a heat gun or iOpener to heat the back of the phone.
- Insert a spudger or thin bladed tool between the battery cover and frame.
- Slide all the way around to release the adhesive holding the cover.
- The battery cover is also glass and can break if too much pressure is applied when removing.

Step 3



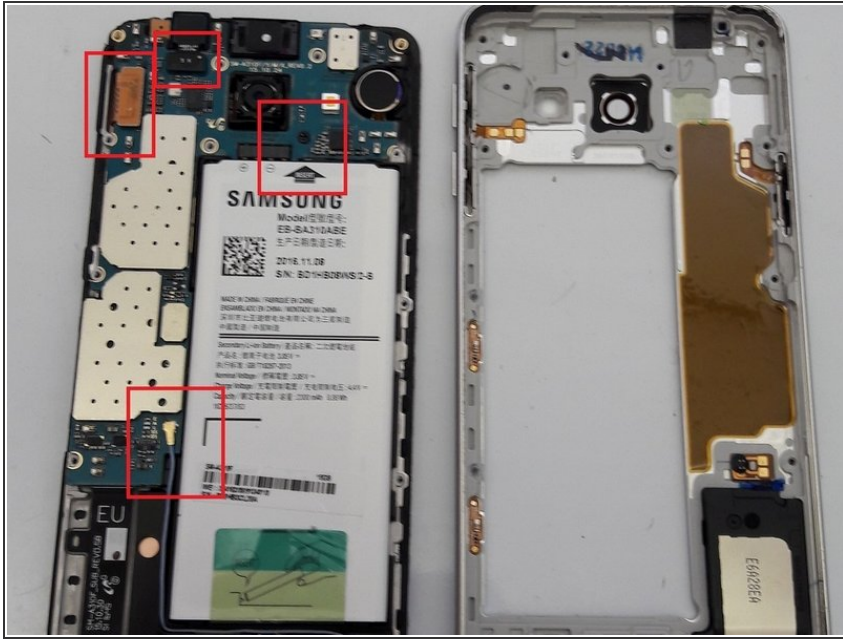
- Remove all 16 screws from the housing

Step 4



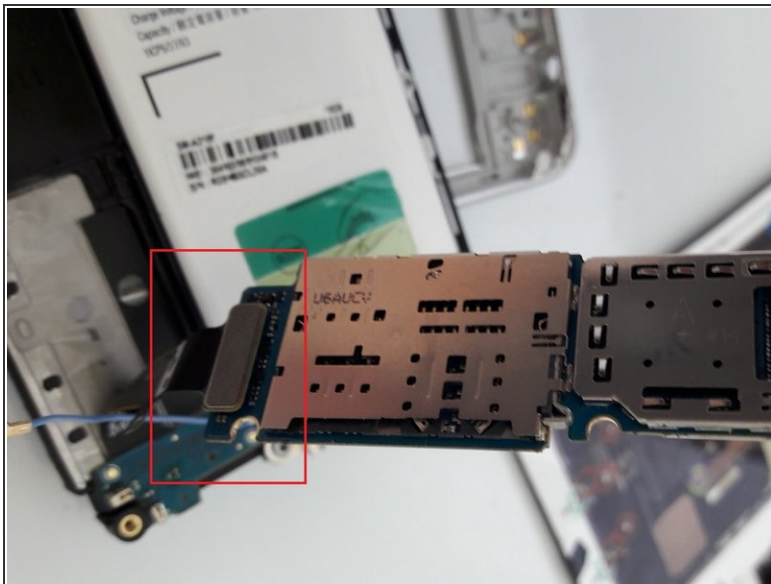
- Hold the edge of the housing and push on the battery to release the display and mainboard from the housing.
- You may need to go around the edge of the glass with a pick to remove any remaining adhesive

Step 5



- Remove the Philips screw securing the mainboard.
- Remove the cable attached to the mainboard
- Disconnect the display and camera connectors from the mainboard

Step 6



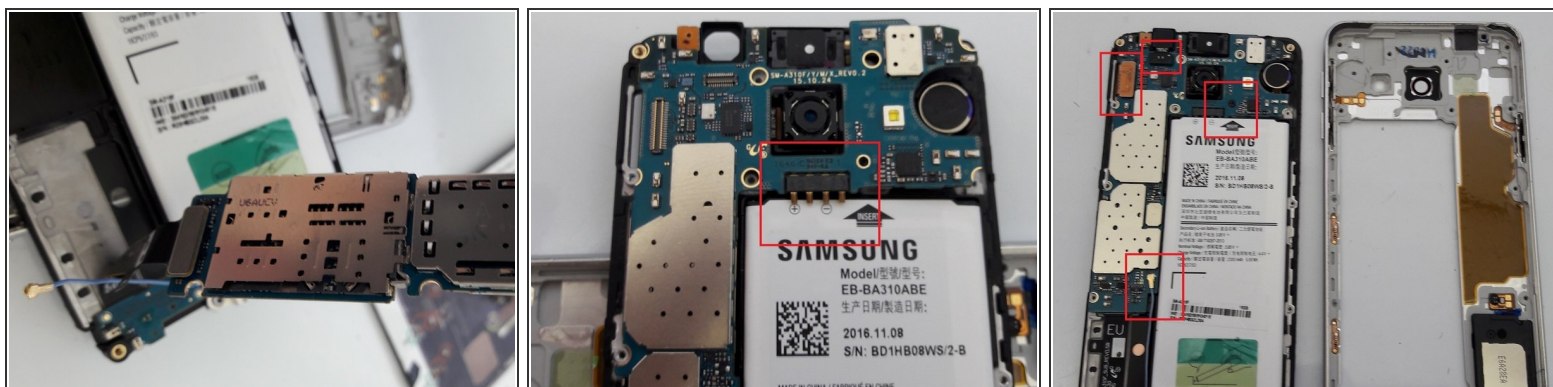
- Disconnect the daughter board from the mainboard

Step 7



- Using a heatgun, heat the front of the display.
- Use a spudger or pick to work the display and LCD free from the plastic housing. NOTE: The LCD is also glued to the frame and will probably break as well.
- When mounting the new display, the display cable slots through a gap in the plastic frame and attaches to the mainboard.

Step 8



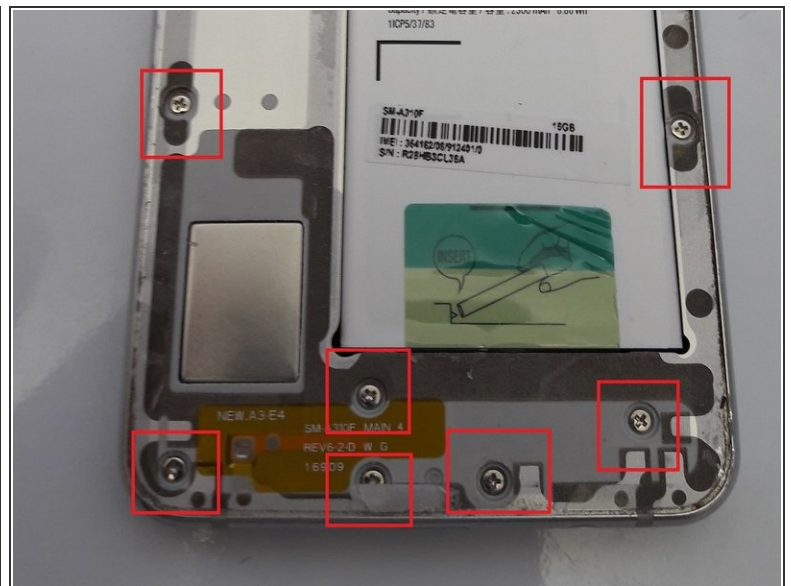
- Reattach the daughter board connector to the mainboard.
- When re-inserting the mainboard, use a plastic spudger to push the battery pins in so the mainboard sits properly in the frame and the pins make a good contact with the battery.
- Re-connect the display connector, camera and cable to the mainboard.
- Screw the mainboard to the frame

Step 9



- Turn the phone on and test the display before removing the adhesive on the back of the display.
- If everything works, remove the adhesive and attach the display to the plastic frame.
- Push the display into the metal housing so it fits snugly.

Step 10



- Replace the 16 screws that were removed in step 3.
- Replace the battery cover and you are done.

To reassemble your device, follow these instructions in reverse order.