



LG V30 Display (screen only) Replacement

How to replace the screen without frame on an LG V30.

Written By: Patrick



 **TOOLS:**

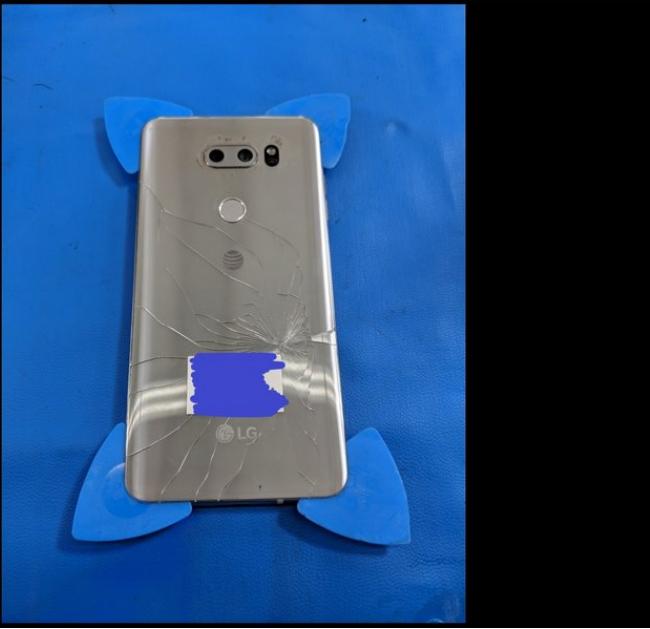
- [iFixit Opening Picks set of 6 \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)
- [Heat Gun \(1\)](#)
- [Spudger \(1\)](#)

Step 1 — Display (screen only)



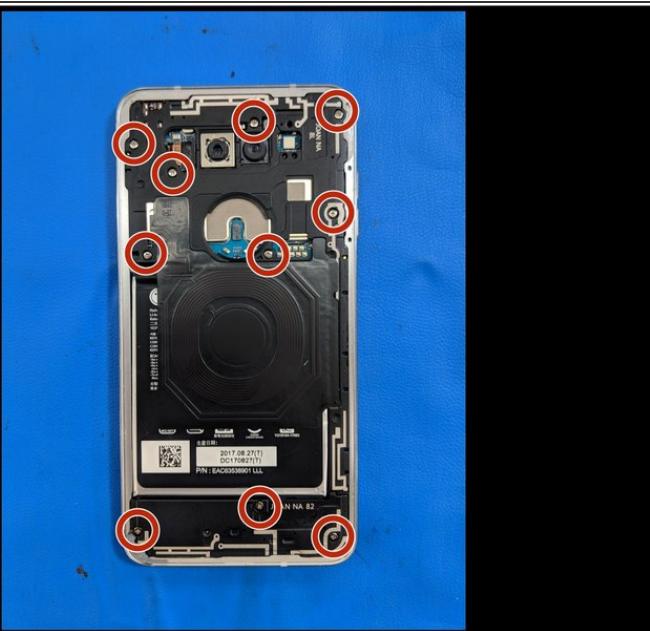
- The back of the phone has adhesive around all edges, as well as additional adhesive shown in yellow.
- ⚠ Be careful around the cable for the fingerprint sensor (shown in red).
- ℹ The fingerprint sensor is attached to the back panel.
- Start by heating the bottom of the phone and carefully using a metal spudger or a suction cup to lift the glass panel up enough to insert an opening pick.
- Heat up each edge and move picks towards the top of the phone, leaving one pick inserted in each corner.

Step 2



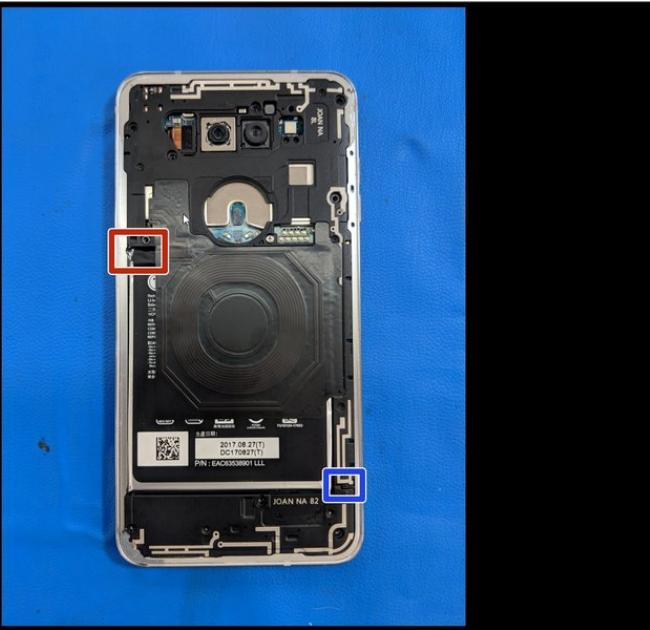
- Gently but firmly remove the back glass.
- *(i)* There is weak adhesive around the fingerprint sensor.

Step 3



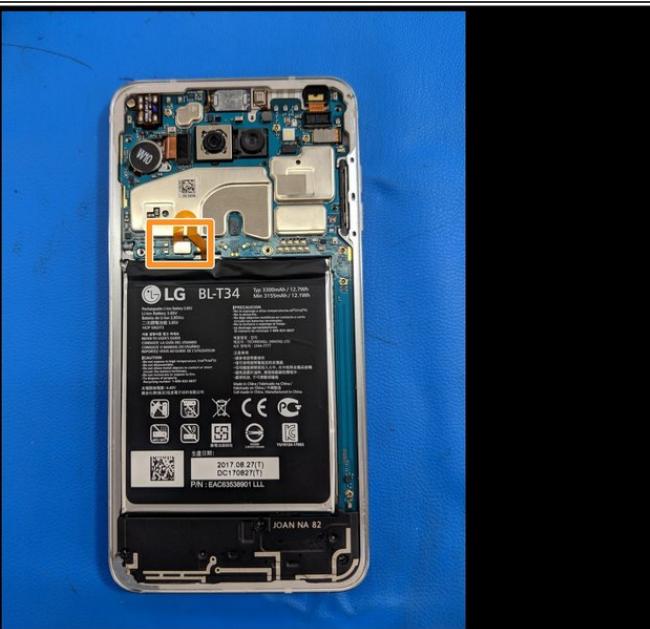
- Remove 10 Philips screws.

Step 4



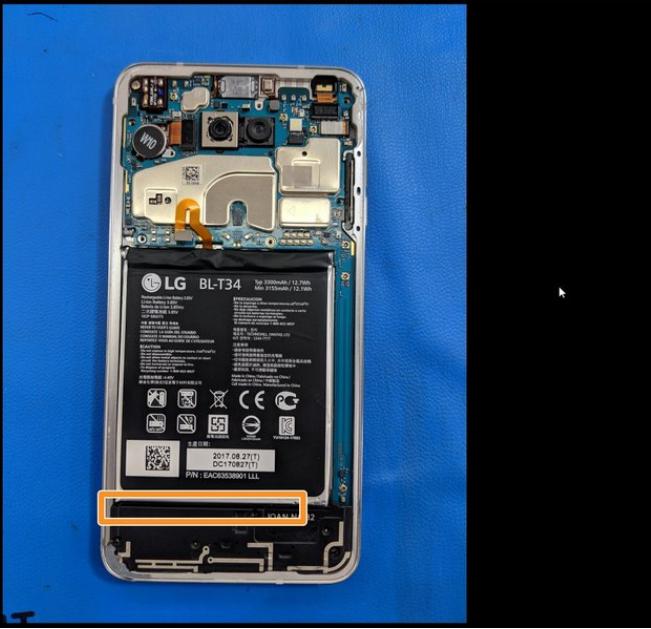
- To remove the plastic frame, insert the tip of a spudger into the access point indicated in red and disengage the clips.
- Continue to disengage the clips by moving the spudger up the left side of the phone, around the top, and down the right side.
- Once the top half of the frame is freed, remove the part by wiggling it up and out from underneath this tab.

Step 5



- Disconnect the battery. While holding the motherboard down, pry up on the battery connector.

Step 6



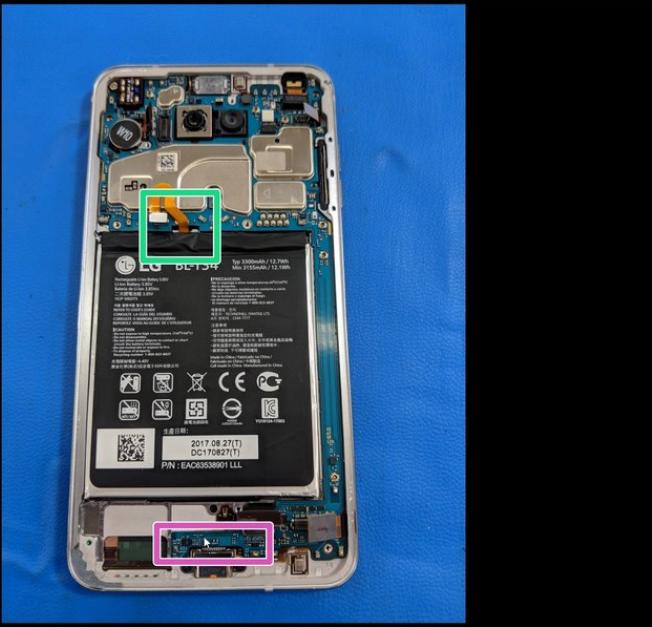
- Remove the bottom plastic frame part by inserting the flat end of a spudger under the top edge and disengaging the remaining clips.
- (i)* This part also contains the bottom speaker.

Step 7



- While holding the motherboard down, disconnect 5 ribbon cable connectors from the motherboard.

Step 8

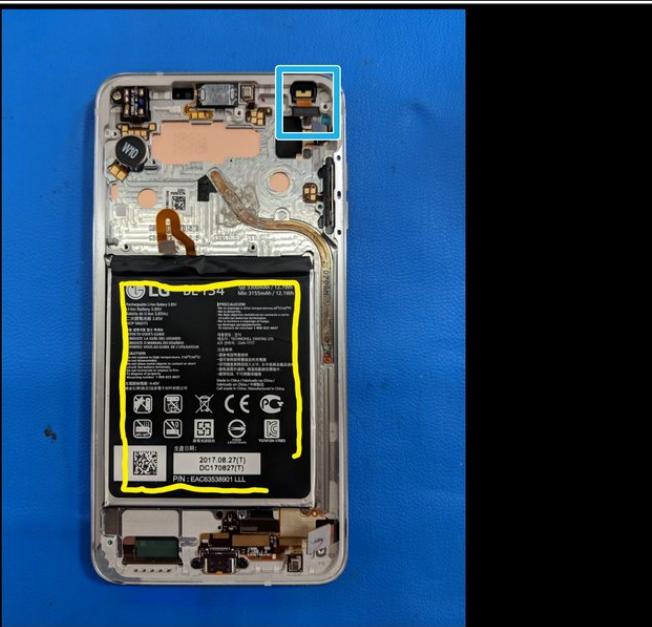


- Insert the pointed end of a spudger here and carefully lift the left edge of the motherboard from the frame.
- Continue to lift the top half of the motherboard out of the frame, moving ribbon cable connectors as necessary.

⚠ Be careful to not bend the narrow portion of the motherboard.

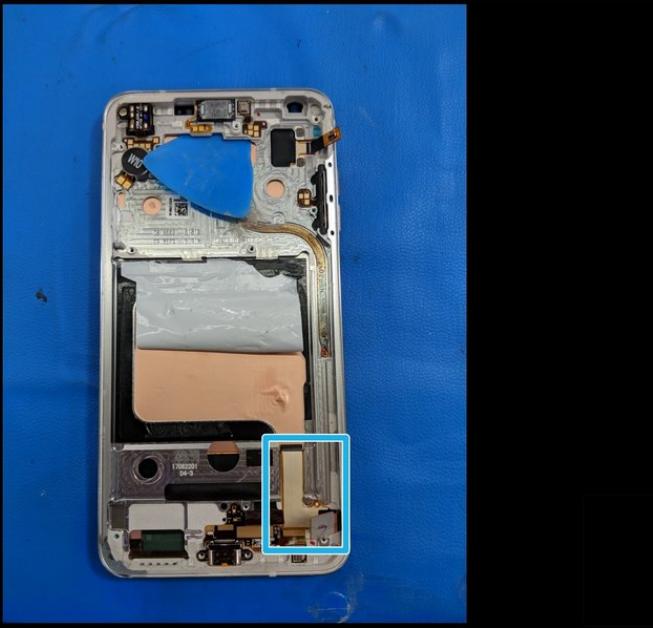
- There is additional adhesive holding the bottom portion of the motherboard in place.

Step 9



- Remove the battery by inserting a plastic card or opening picks under the bottom edge.
 - The adhesive runs around the edges of the battery.
- Lift the front-facing camera out of the frame.

Step 10



- Insert an opening pick underneath the ear speaker between the screen and the frame of the phone.
- Use an opening pick to separate the adhesive securing the display cable to the frame.

Step 11



- Heat the top part of the phone and use a metal spudger to gently lift the display enough to insert an opening pick.
- Heat each side of the phone and use an opening pick to separate the display from the frame.
- Be sure to transfer the earpiece speaker grille to the new display if necessary.

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

Be sure to clean traces of adhesive off of the frame to ensure optimal conditions for the new adhesive.