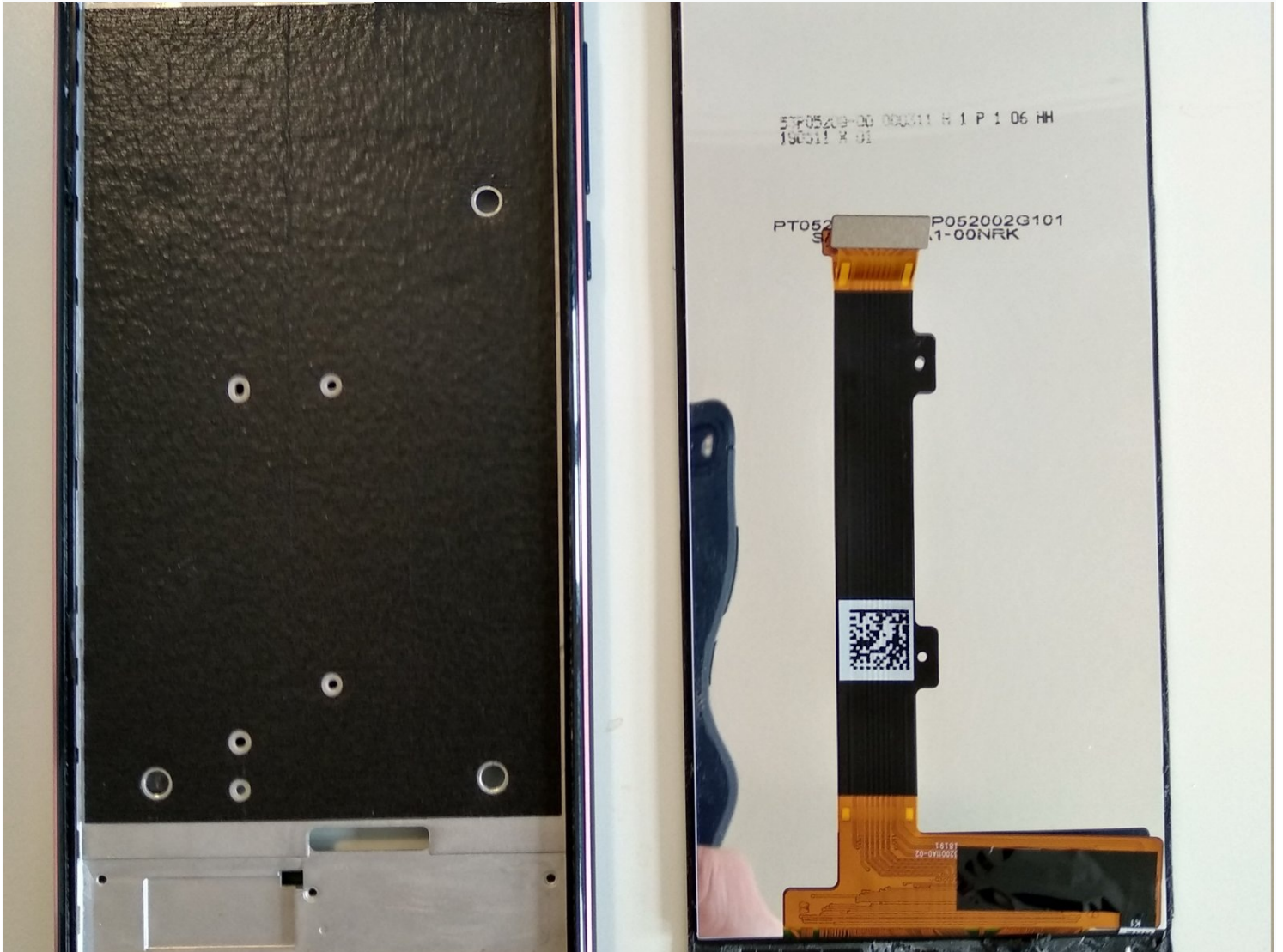




Nokia 3.1 Display Assembly Replacement

This guide walks you through the process of...

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INTRODUCTION

This guide walks you through the process of replacing a cracked display of a Nokia 3.1 smartphone. You will need some patience while removing the back cover as it might be hard to open it up at first. Also disassembling the display itself needs some patience as you will need to heat it up.

TOOLS:

[Razor Blade](#) (1)
[Plastic Cards](#) (1)
[iFixit Opening Tool](#) (1)
[Isopropyl Alcohol 99%](#) (1)

PARTS:

[Nokia 3.1 display assembly](#) (1)
[Multipurpose Glue](#) (1)

Step 1 — Battery



- First, remove the SIM and SD card trays.

Step 2 — Open the back cover



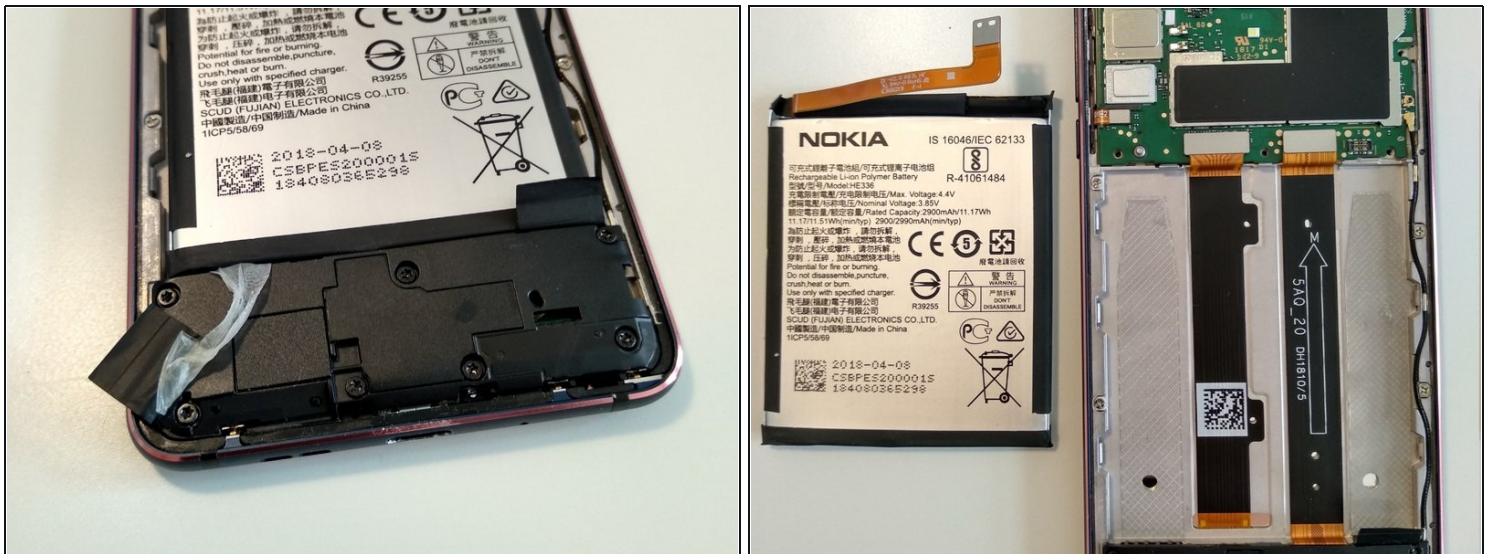
- Try to use a thin tool like a razor blade to start to pry open the back cover.
- When you opened it up just a little bit put a [plastic card](#) or a plastic opening tool inside the gap.
- Using the plastic tool slowly make your way around the back cover. You can also use a guitar pick or similar.
- Hint: the back cover is attached to the body with several plastic noses as well as a thin strip of adhesive. The cover is quite flexible and sturdy.

Step 3 — Remove logic board cover



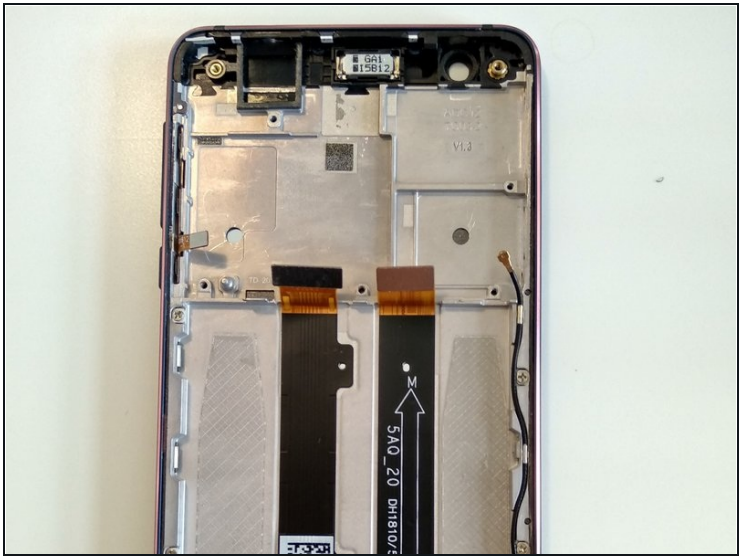
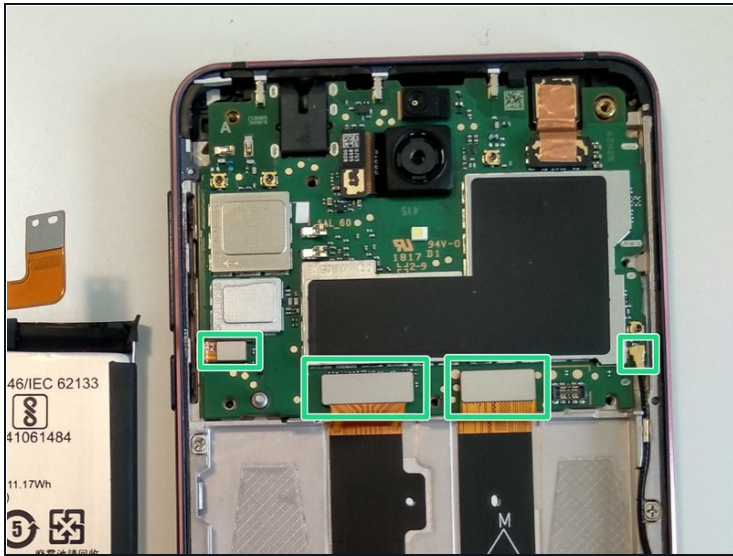
- Remove the seven Torx T5 screws from the logic board cover.
- Remove the logic board cover.
- Lift up the battery connector from the logic board.

Step 4 — Remove battery adhesive strips



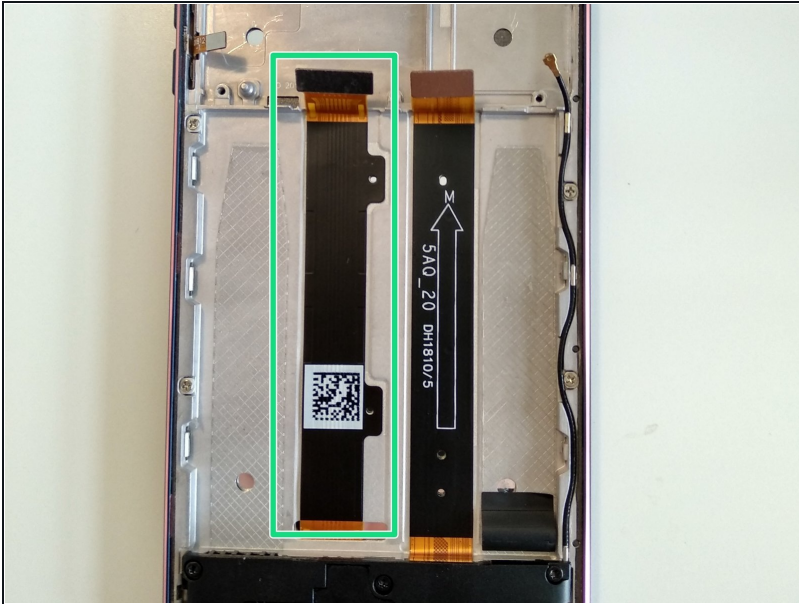
- At the bottom end of the battery you will see two black ends of adhesive strips showing up from underneath the battery.
- Slowly pull at those adhesive strip ends to be able to lift out the battery.

Step 5 — Remove logic board



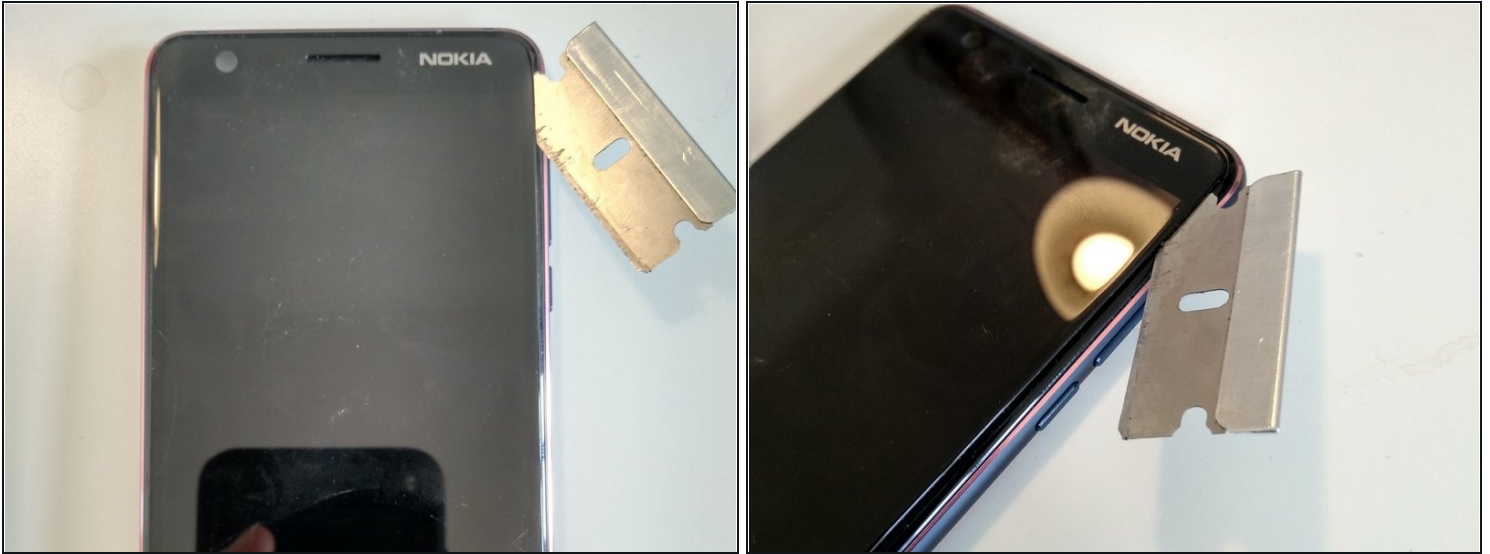
- Remove of connectors from the logic board:
 - button connector,
 - display connector,
 - second board connector and
 - WIFI cable connector.
- Now remove the logic board by slowly wiggling it up. There are no screws used to attached it to the case. Only an adhesive strip on its back holds it in place.

Step 6 — Peel up display cable



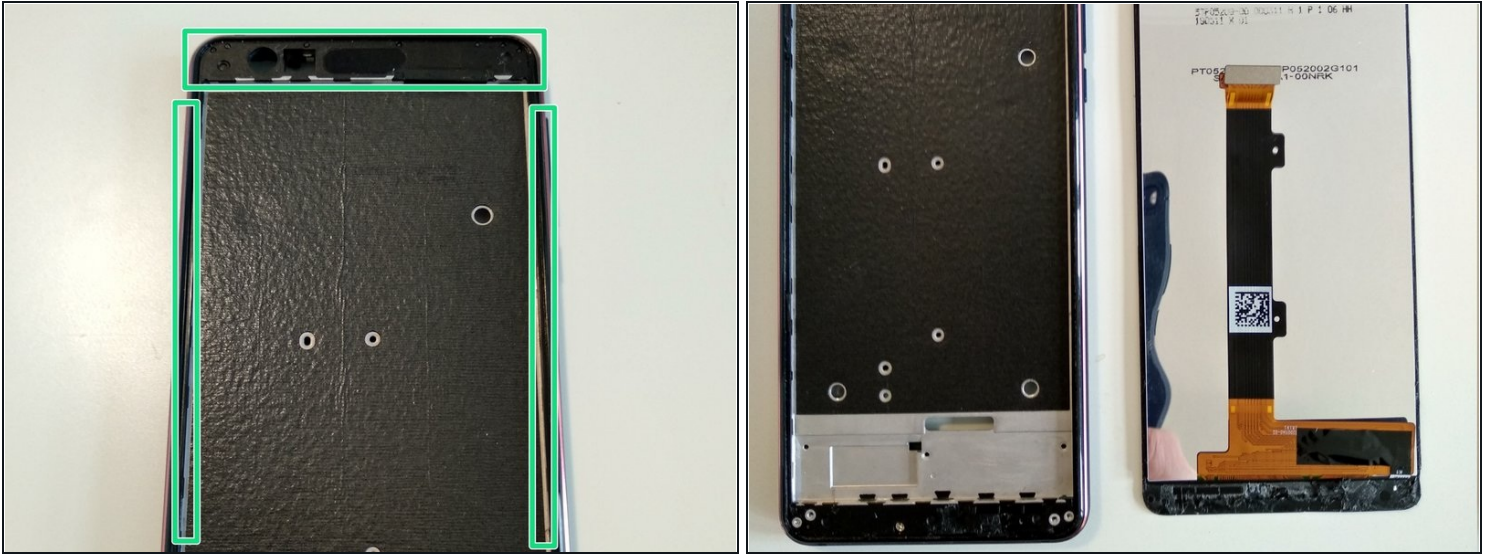
- Slowly peel up the display cable starting from the connector.

Step 7 — Remove the display



- **Before trying to disassemble the display you need to heat it up to loosen the adhesive that holds it in place.**
- Hint: There is much less glue at the sides of the display compared to the top and bottom. So start on the sides to get under the display.
- Use a flat tool like a razor blade to get under the display. Slowly loosen up the sides by cutting through the heated up adhesive.
- Especially after getting under the display initially with the razor blade a slightly thicker tool like a [plastic card](#) might be worth a try. When loosening up the top and bottom of the display you will need patience and a plastic card won't damage the plastic frame as much.

Step 8 — Clean the frame



- After removing the display you will need some isopropanol alcohol to clean the leftover adhesive.

To reassemble your device, follow these instructions in reverse order. You should use glue to attach the display assembly to the frame.