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Samsung Galaxy S7 Microphone Replacement

This video guide shows how to repair a faulty microphone for the Samsung Galaxy S7.

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INTRODUCTION

Complex solution for faulty microphone in Galaxy S7. No need to disassembly the LCD.

🔧 TOOLS:

- iOpener (1)
- Suction Handle (1)
- iFixit Opening Picks (Set of 6) (1)
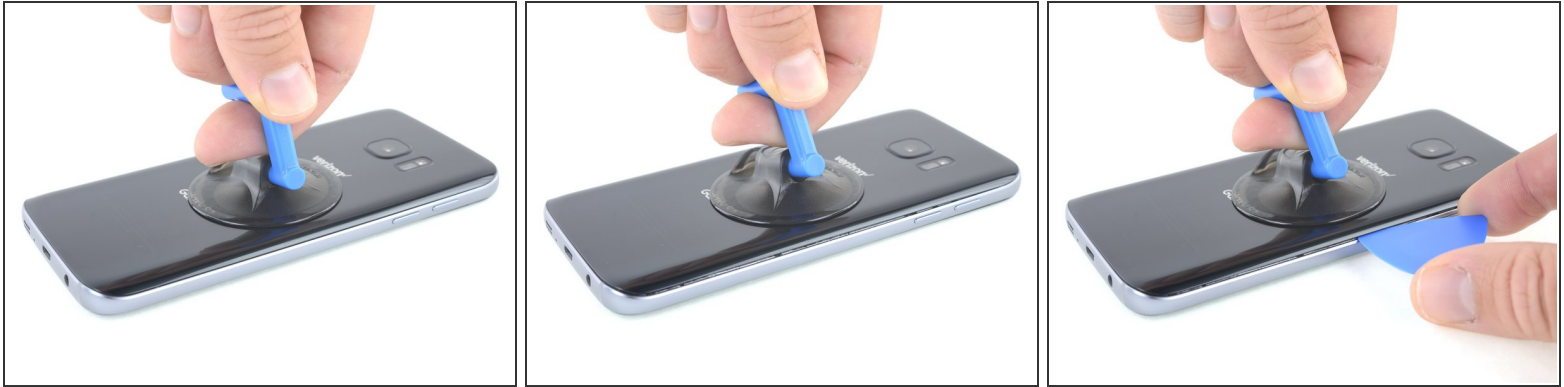- Soldering Workstation (1)
- Tweezers (1)

⚙ PARTS:

- Galaxy S7 Rear Glass Panel/Cover - Original (1)
- Galaxy S7 Rear Cover Adhesive (1)
- Galaxy S7 Rear Panel/Cover (1)

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Step 1 — Rear Glass

- ⓘ Opening your phone will compromise its waterproof seals. Have replacement adhesive ready before you proceed, or take care to avoid liquid exposure if you reassemble your phone without replacing the adhesive.

- ● Apply a [heated iOpener](#) to a long edge of the phone for about two minutes.

  - ⓘ You may need to reheat and reapply the iOpener several times to get the phone warm enough. Follow the iOpener instructions to avoid overheating.

- ⚠ A hair dryer, heat gun, or hot plate may also be used, but be careful not to overheat the phone —the OLED display and internal battery are both susceptible to heat damage.

Step 2

- When the back panel is warm to the touch, apply a suction cup as close to the heated edge of the phone as you can while avoiding the curved edge.

  - ⓘ The suction cup will not make a good seal on the curved portion of the glass.

  - ⓘ If the phone's back cover is cracked, the suction cup may not stick. <u>Try lifting it with strong tape</u>, or superglue the suction cup in place and allow it to cure so you can proceed.

- Lift on the suction cup and insert an opening pick under the rear glass.

  - ⚠ The rear glass can break if you use too much force or attempt to pry with metal tools.

  - ⓘ Due to the curved glass, you will be pushing up, rather than inserting parallel to the plane of the phone.

  - ⓘ If you have trouble, apply more heat to further soften the adhesive, and try again. The adhesive cools very fast, so you may need to heat it repeatedly.

  - ⓘ Optionally, once the pick is inserted, you can add a few drops of isopropyl alcohol into the gap to help weaken the adhesive in the following steps.

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Step 3

- Once you have the pick firmly inserted into the glass, reheat and reapply the iOpener to soften the adhesive.
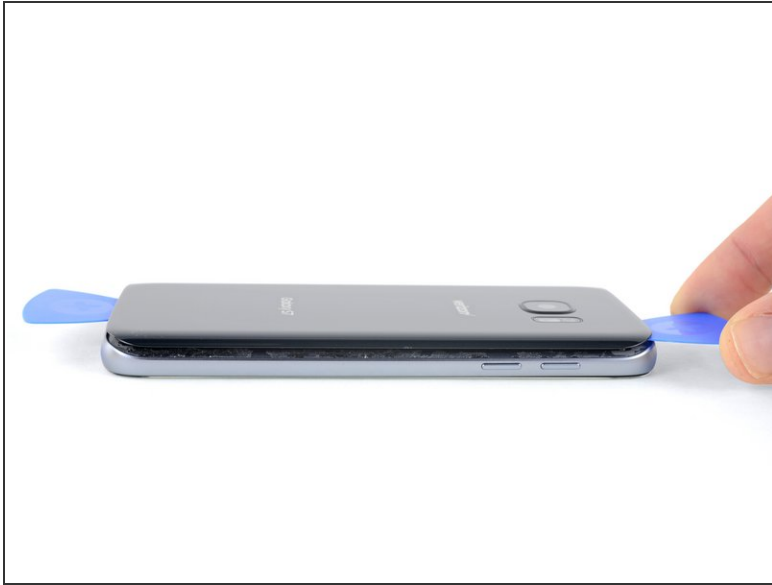
Step 4

- Slide the opening pick down along the side of the phone, separating the adhesive.

- (i) Go slowly so that the tip doesn't slip out of the seam. If sliding becomes difficult, reheat and reapply the iOpener.

- Leave the pick in place and grab a second pick as you proceed to the next step. Leaving the pick inserted can help prevent the glue you just separated from re-adhering.
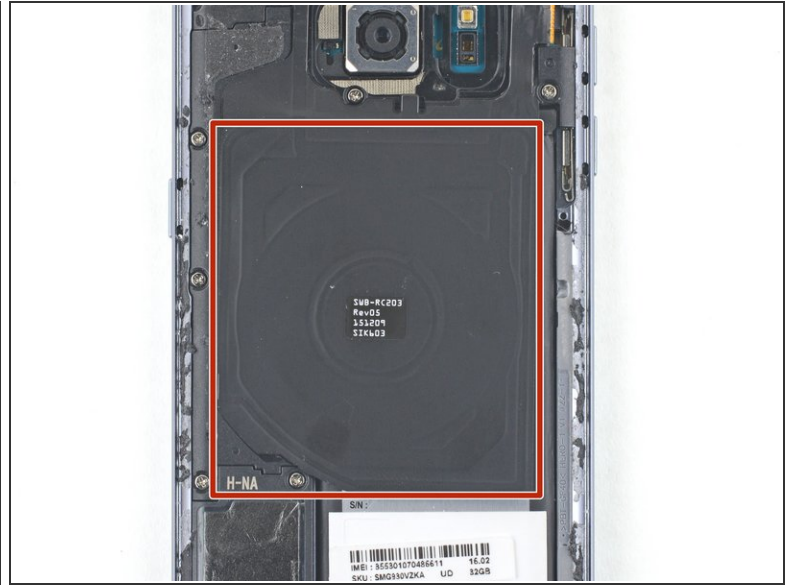
Step 5

- Repeat the previous heating and cutting procedure for the remaining three sides of the phone.

- Leave an opening pick in each edge of the phone as you continue to the next to prevent the adhesive from resealing.

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Step 6

- Lift the glass and remove it from the phone.

Step 7

📌 To reinstall the back cover with a custom-cut adhesive strip, [follow this guide](#).

- 🔴 If you're cleaning the midframe surface with isopropyl alcohol, be careful not to get any alcohol on the wireless charging coil. The coil coating will break down if it contacts alcohol.

ⓘ Be sure to turn on your phone and test your repair before installing new adhesive and resealing the phone.

ⓘ If desired, you may reinstall the back cover without replacing the adhesive. Remove any large chunks of adhesive that might prevent the back cover from sitting down flush. After installation, heat the back cover and apply pressure to secure it. It won't be waterproof, but the glue is usually more than strong enough to hold.

Step 8 — Microphone (Video)

- Complex solution for faulty microphone in Galaxy S7. No need to disassembly the LCD.

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