



# OnHub Congestion-sensing Antenna Replacement

By the end of this guide you will have replaced the congestion-sensor antenna.

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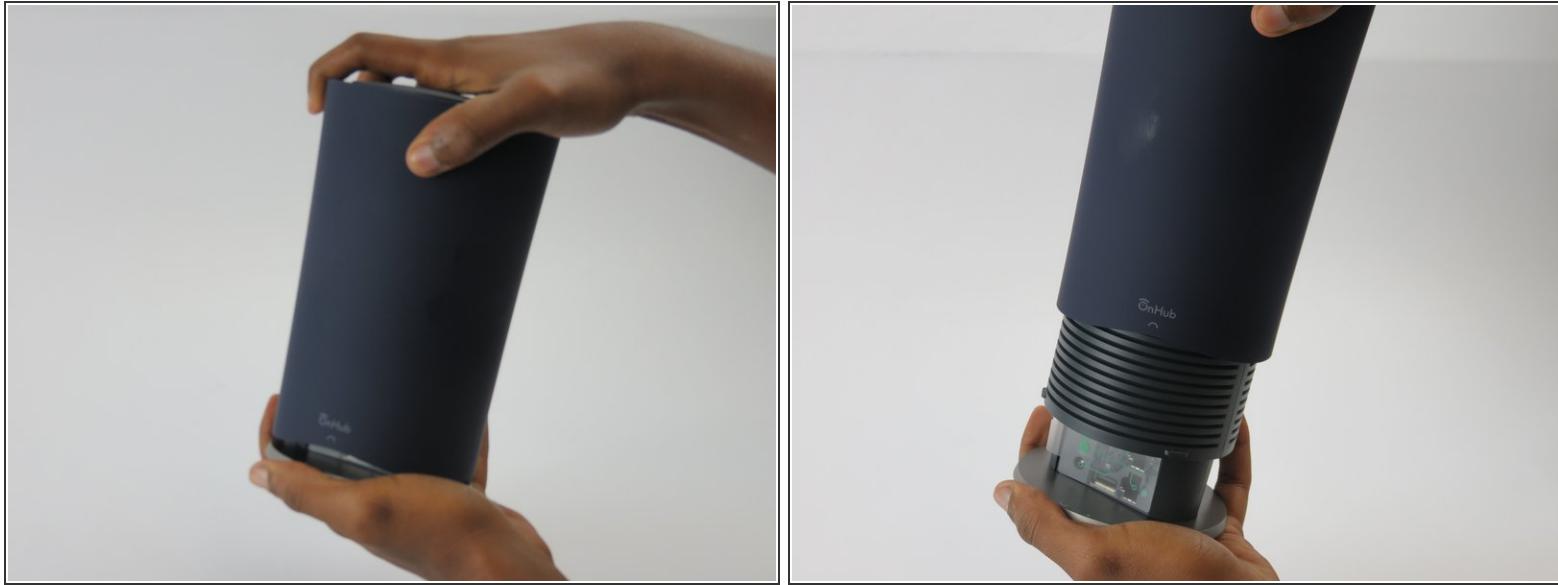
## INTRODUCTION

In this guide, we will walk through the steps necessary to replacing the congestion-sensing antenna.

### TOOLS:

- [Desoldering Braid \(1\)](#)
- [Solder \(1\)](#)
- [Soldering Iron \(1\)](#)
- [Staples \(1\)](#)
- [Metal Spudger Set \(1\)](#)
- [iFixit Opening Tools \(1\)](#)

## Step 1 — Speaker Grille



⚠ Make sure the device is unplugged before proceeding with the disassembly.

- While holding the base firmly using the palm of one hand, remove the cowl (cover) by turning the cowl counterclockwise until a snap is heard. Once disengaged, pull upwards.

## Step 2



- Place the plastic opening tool under the speaker grille, and just above the light ring.
- Move the plastic opening tool around the groove while applying upward force to pry loose the 4 clips holding the grille in place.

## Step 3



- Using a metal spudger, carefully remove the congestion-sensor antenna by undoing the two clips.

**⚠** There is a delicate wire connection to the antenna that is easily broken if not careful.

## Step 4 — Congestion-sensing Antenna



- Remove the wire connection to the antenna by soldering it off.
- For help with soldering and de-soldering check out the [iFixit Soldering Guide](#)

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