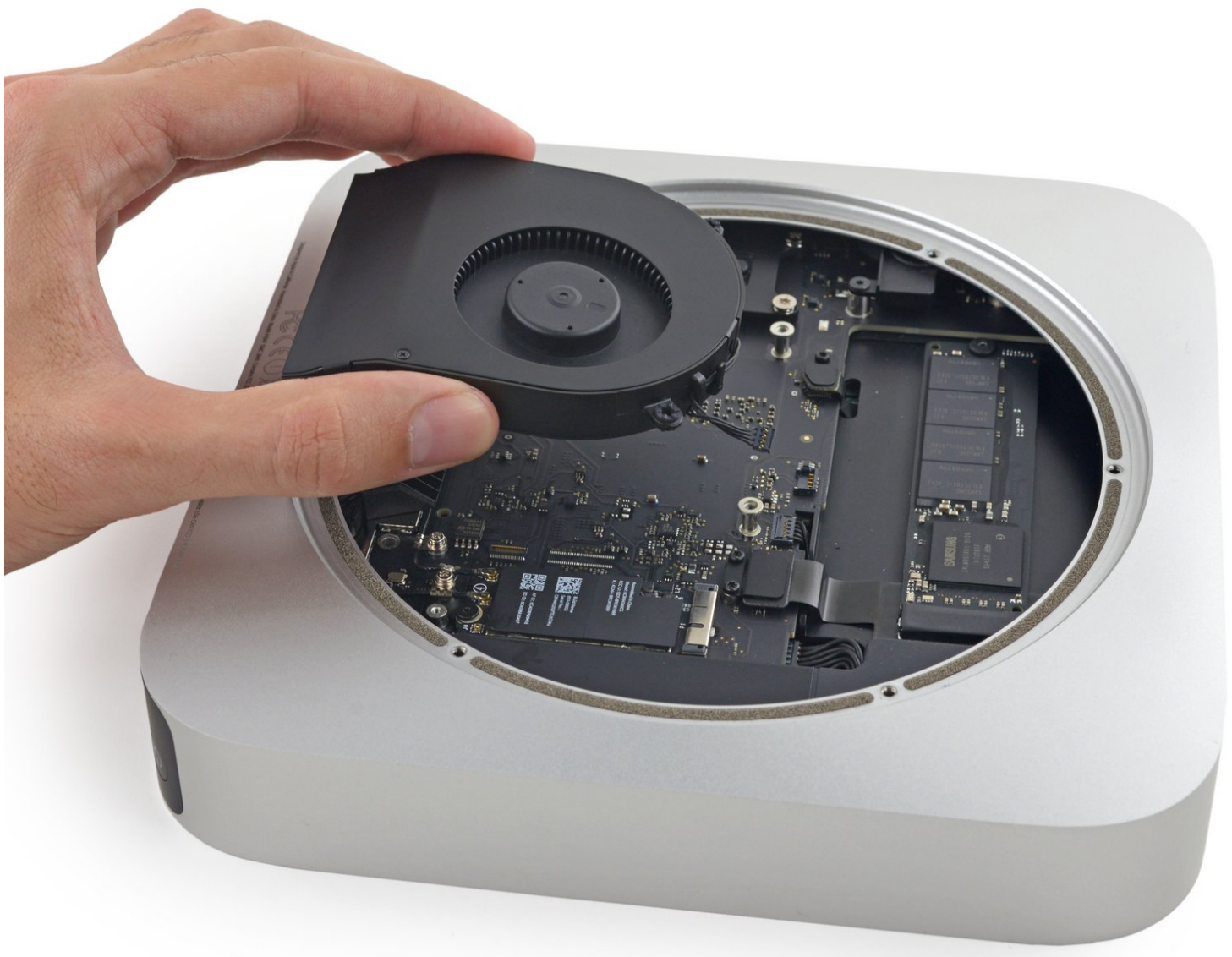# Mac mini Late 2014 Fan Replacement

Replace the fan in a Late 2014 Mac mini.

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INTRODUCTION

Noisy or poorly-performing fan? Use this guide to replace the fan, or remove it for cleaning in your Mac mini Late 2014.

🔧 TOOLS:

- iFixit Opening Tool (1)
- Spudger (1)
- TR6 Torx Security Screwdriver (1)

⚙ PARTS:

- Intel Mac mini (Mid 2011-Late2012) Fan (1)

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Step 1 — Bottom Cover

- The bottom cover is clipped onto three screw posts.

- Pry near, but not right on the screw posts.

Step 2

- Use the plastic opening tool to pry the bottom cover up off of the Mac mini.

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Step 3

- Lift and remove the bottom cover.

Step 4 — Antenna Plate

- Remove the following TR6 screws from the antenna plate:
  - Three 4.1 mm screws
  - Three 1.9 mm screws

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Step 5

⚠ Do not completely remove the antenna plate; it is still connected to the Mac mini by an antenna cable.

- With the I/O ports facing you, flip the antenna plate to the right to allow access to the antenna cable connector.

Step 6

- Remove the single 3.4 mm T6 screw and washer from the antenna cable.
- ⓘ Be careful not to lose the washer when removing the screw.

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Step 7

- Use the point of a spudger to lift the antenna connector straight up off its socket on the airport card.

Step 8

- Carefully pull the antenna cable out from the gap between the power supply and case.
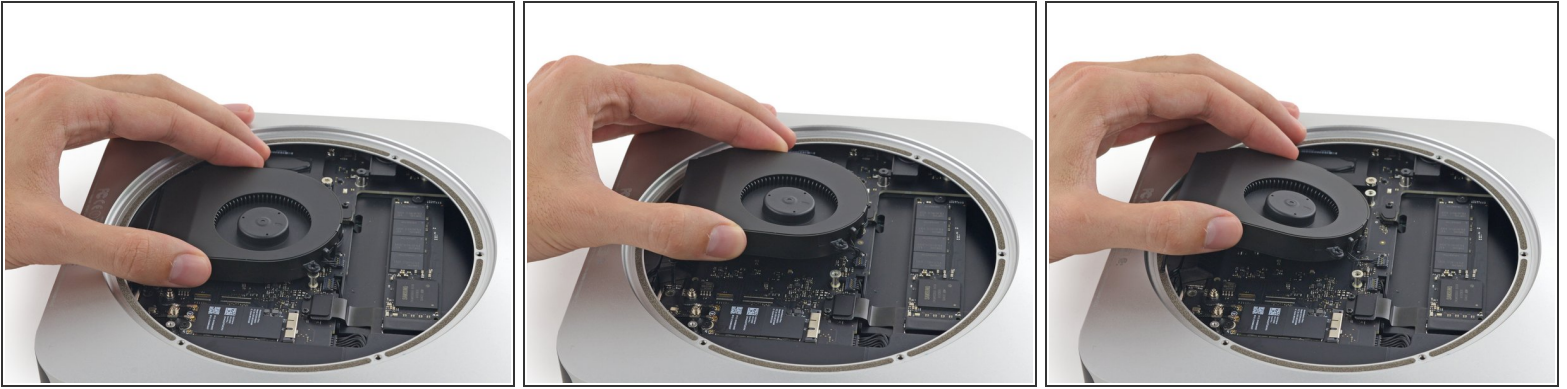
Step 9

- Remove the antenna plate from the Mac mini.

Step 10 — Fan Assembly

- Remove the two 12 mm T6 screws from the fan.

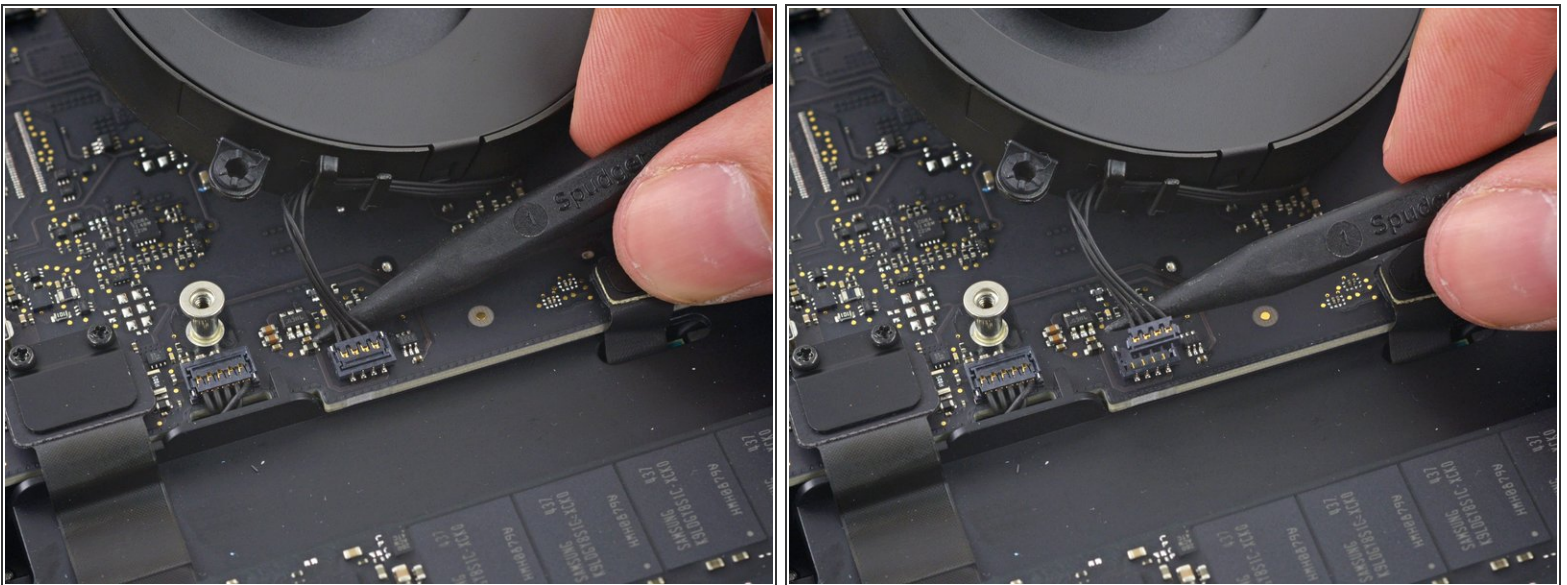- Loosen the 27 mm T6 captive screw–it will get removed with the fan assembly.

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Step 11

ⓘ The fan connector is trapped under the edge of the fan and cannot be disconnected until the fan is moved.

⚠️ **Do not** attempt to remove the fan entirely.

- Lift the fan straight up to free the captive screw from its hole in the logic board.

- Pull the fan away from the SSD until you can easily access the fan connector.

Step 12

- Use the point of a spudger to lift the fan connector straight up out of its socket on the logic board.

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Step 13

- Remove the fan from the Mac mini.

Step 14 — Fan

- Remove the captive screw from the rubber grommet in the fan screw hole.

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

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