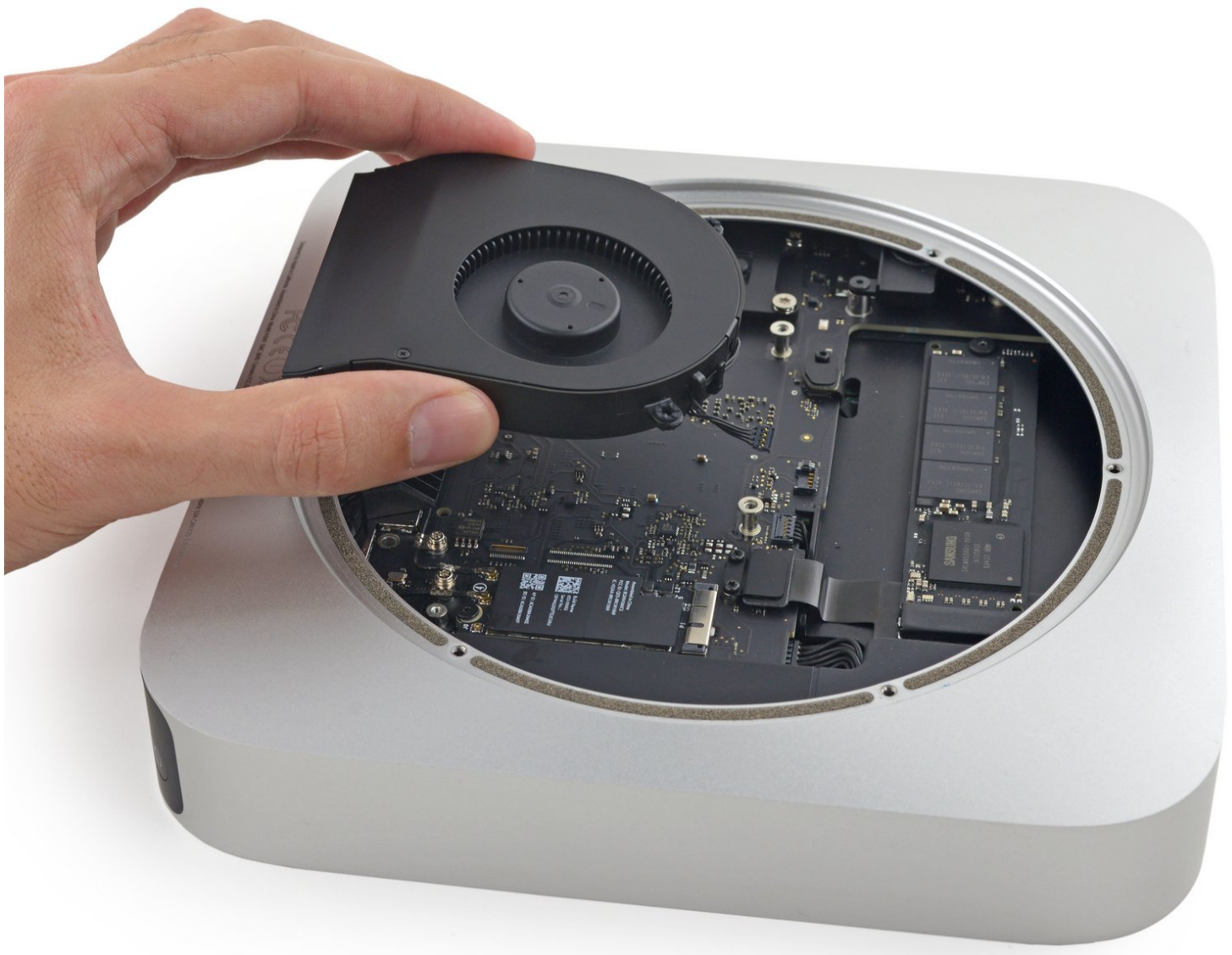




# Mac mini Late 2014 Fan Replacement

Replace the fan in a Late 2014 Mac mini.

Written By: Sam Goldheart



# 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 Tools](#) (1)
- [Spudger](#) (1)
- [TR6 Torx Security Screwdriver](#) (1)



## PARTS:

- [Intel Mac mini \(Mid 2011-Late2012\) Fan](#) (1)

## 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.

## 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



## 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.
- i** Be careful not to lose the washer when removing the screw.

## 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.

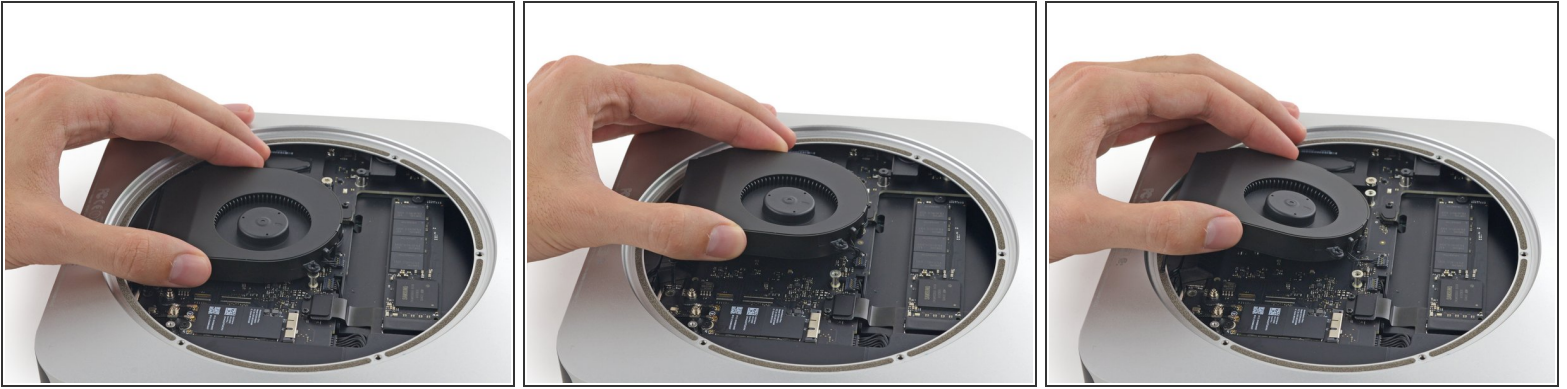
## Step 10 — Fan Assembly





- Remove the two 12 mm T6 screws from the fan.
- Loosen the 27 mm T6 captive screw.



## Step 11

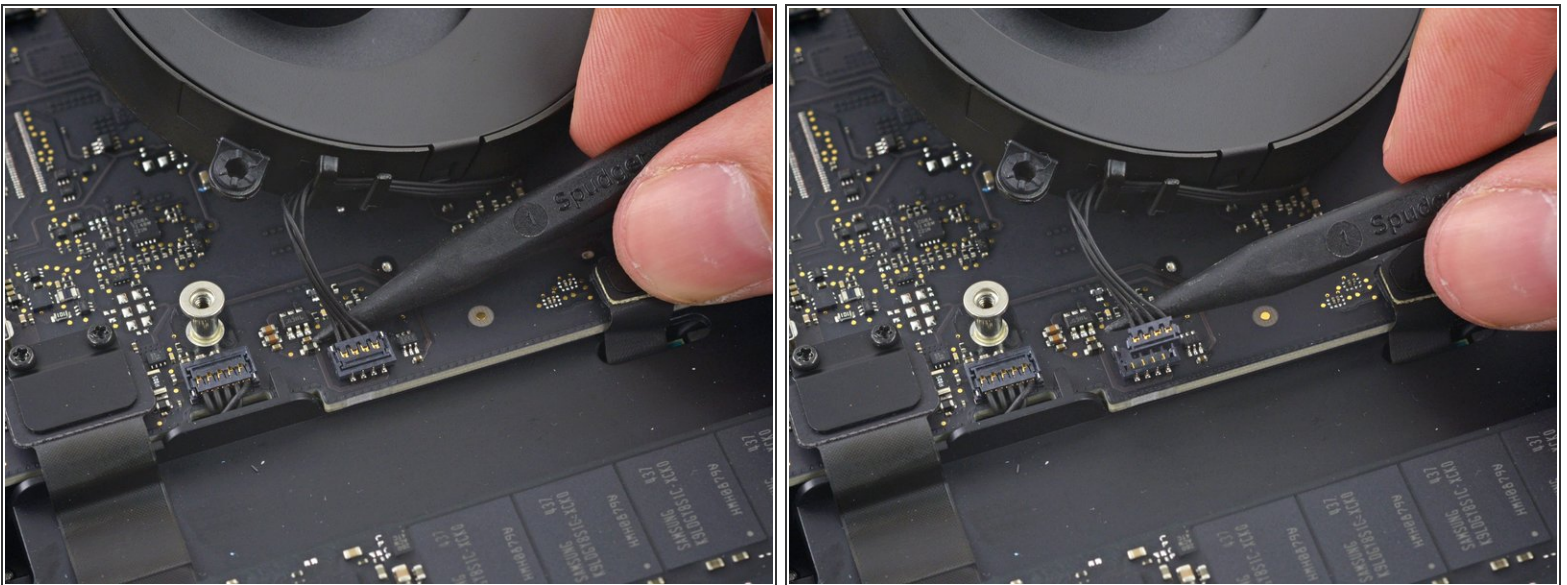


 The fan connector is trapped under the edge of the fan and cannot be disconnected until the fan is moved.

 **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.



## 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.