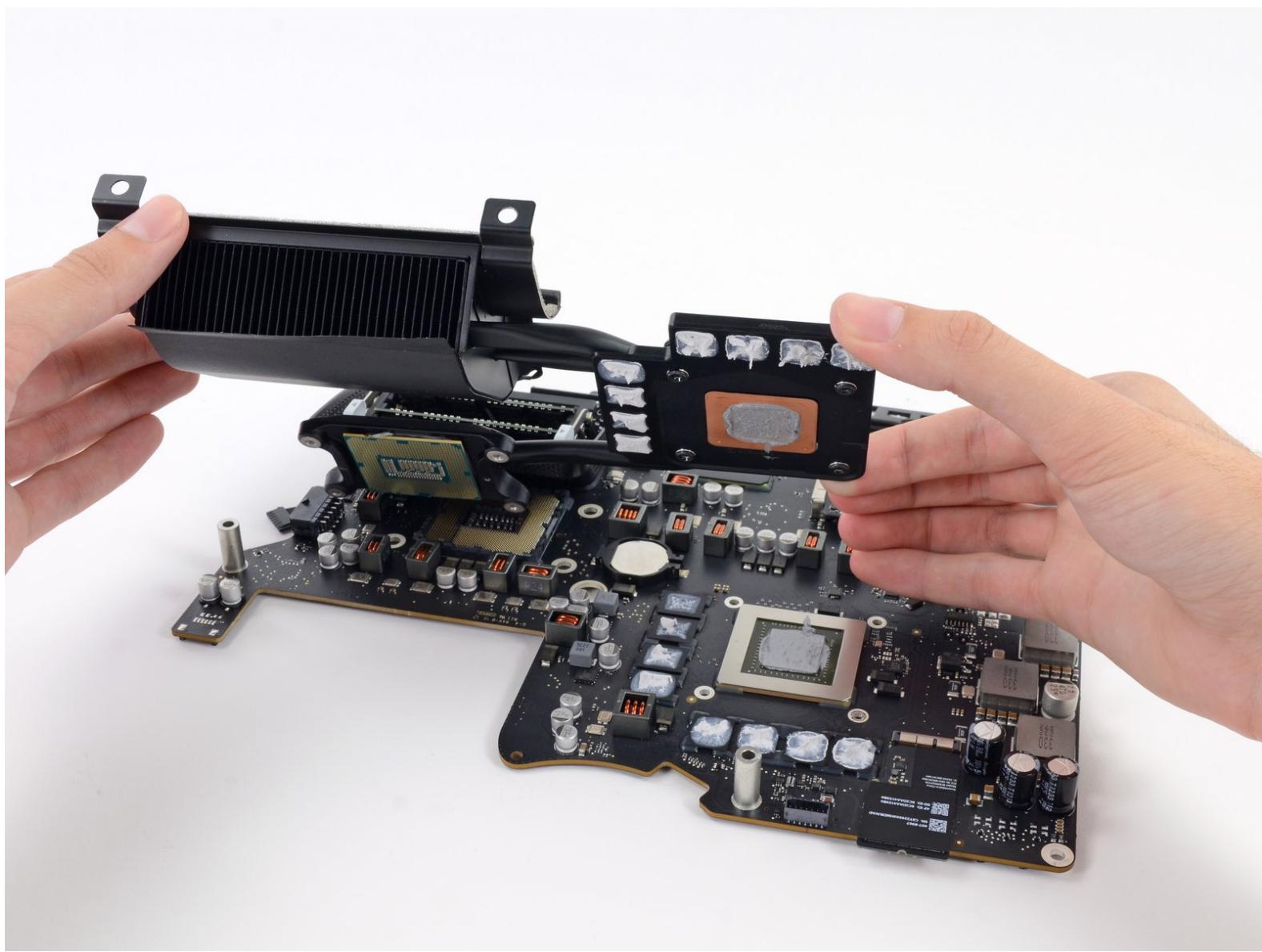




# iMac Intel 27" EMC 2546 Heat Sink Replacement

prerequisite for logic board, heat sink, and CPU

Written By: Andrew Optimus Goldheart



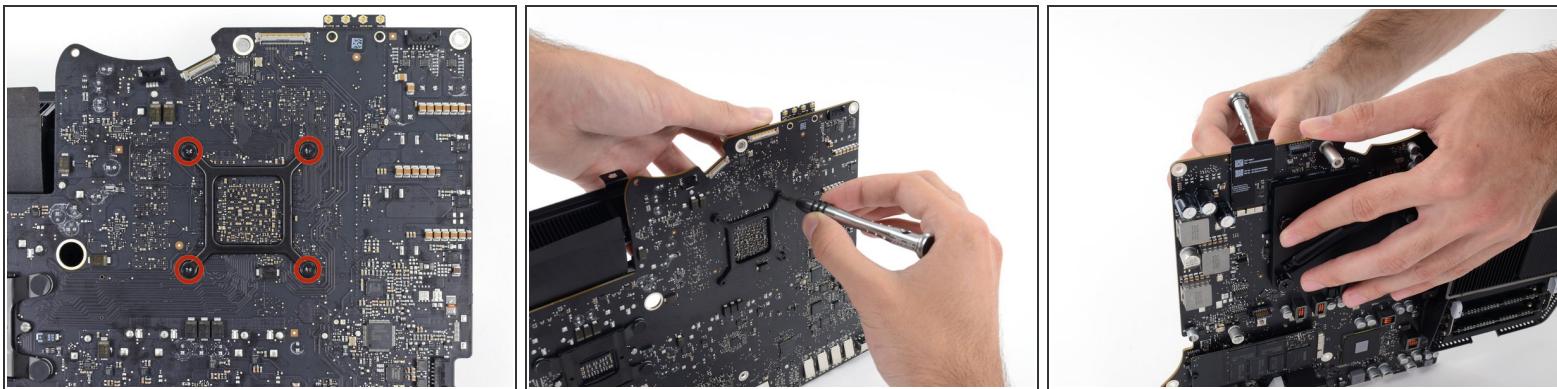
## INTRODUCTION

prerequisite for logic board, heat sink, and CPU

### TOOLS:

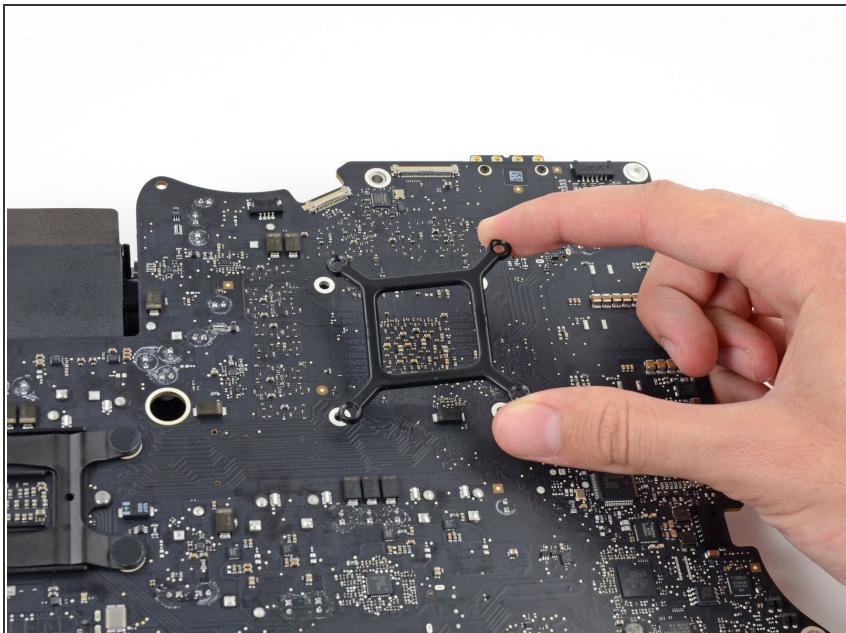
- [T10 Torx Screwdriver \(1\)](#)
- [T8 Torx Screwdriver \(1\)](#)

## Step 1 — Heat Sink



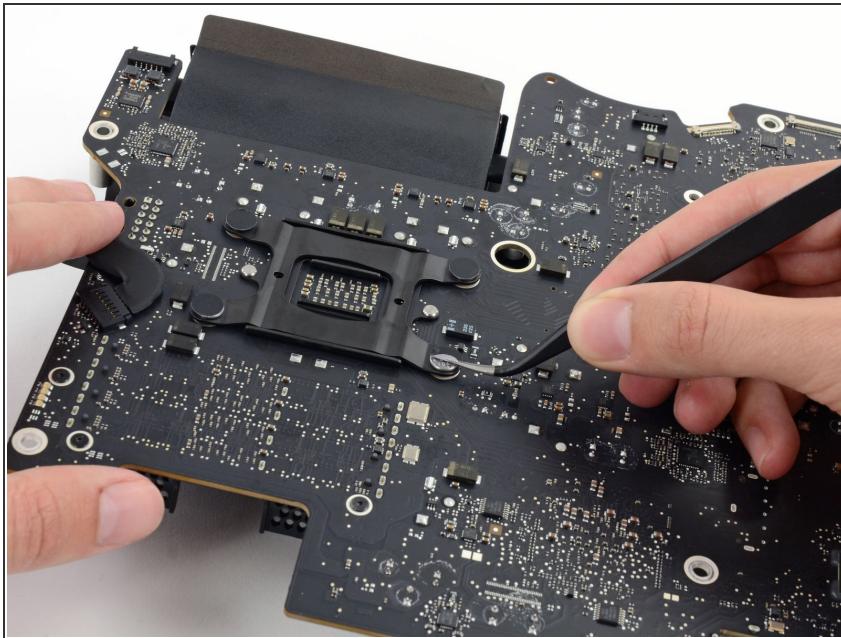
- Remove the four 7.5 mm T8 screws from behind the GPU on the logic board.
- These screws are set inside large, spring-loaded Phillips #2 screws. To prevent the larger screws from spinning when you loosen the T8 screws, hold them with a fingertip or Phillips #2 screwdriver.

## Step 2



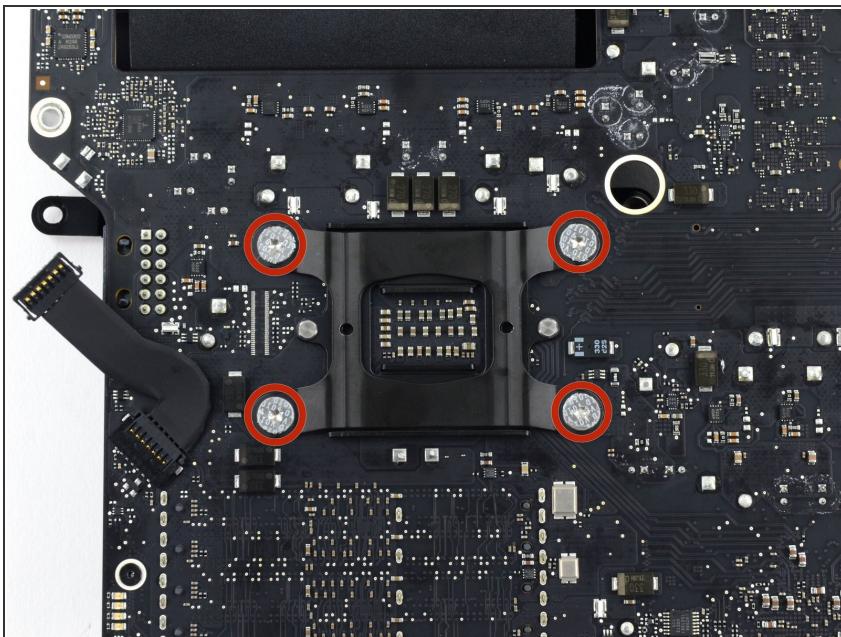
- Remove the bracket from behind the GPU heat sink.

## Step 3



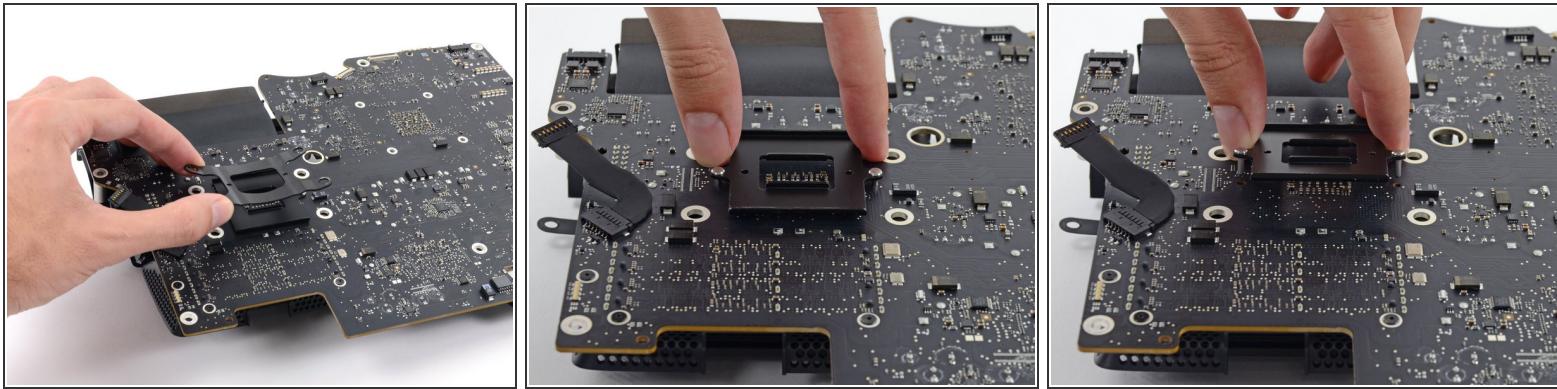
- Remove four black stickers from the back of the CPU heat sink.

## Step 4



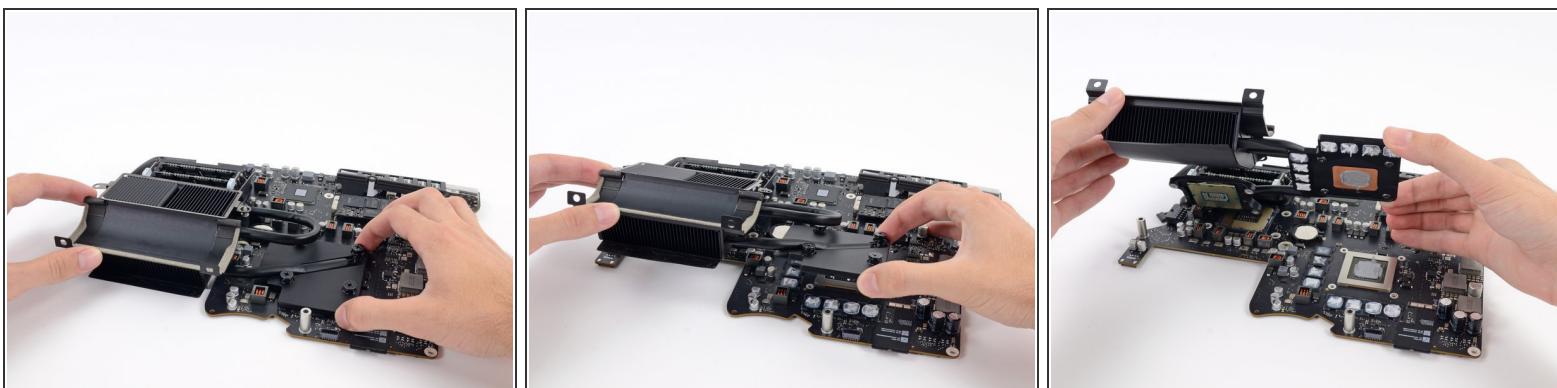
- Remove four 12.3 mm T10 screws from the back of the CPU heat sink.

## Step 5



- Remove the spring plate from behind the CPU heat sink.
- Lift and remove the backing plate from behind the CPU heat sink. The backing plate has two posts that fit into alignment holes in the logic board.

## Step 6



- Lift the heat sink up from the logic board.

! The CPU will most likely stick to the heat sink, so be careful about where you put it down.

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