



iMac Intel 21.5" Retina 4K Display (2017) Heat Sink Replacement

Prereq only

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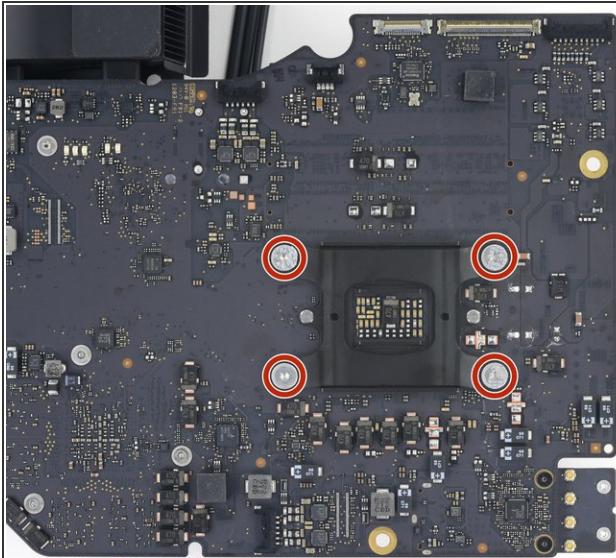
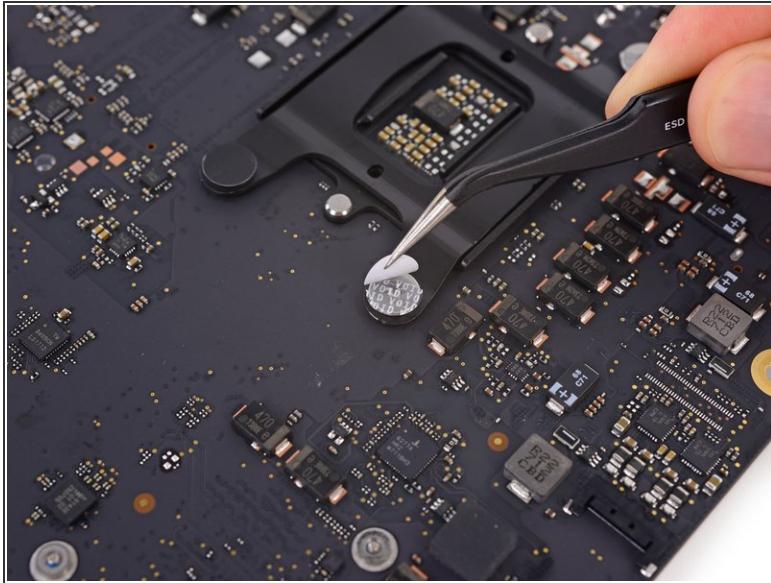
INTRODUCTION

Prereq to remove heat sink for replacing CPU

TOOLS:

- **T10 Torx Screwdriver (1)**
- **T8 Torx Screwdriver (1)**

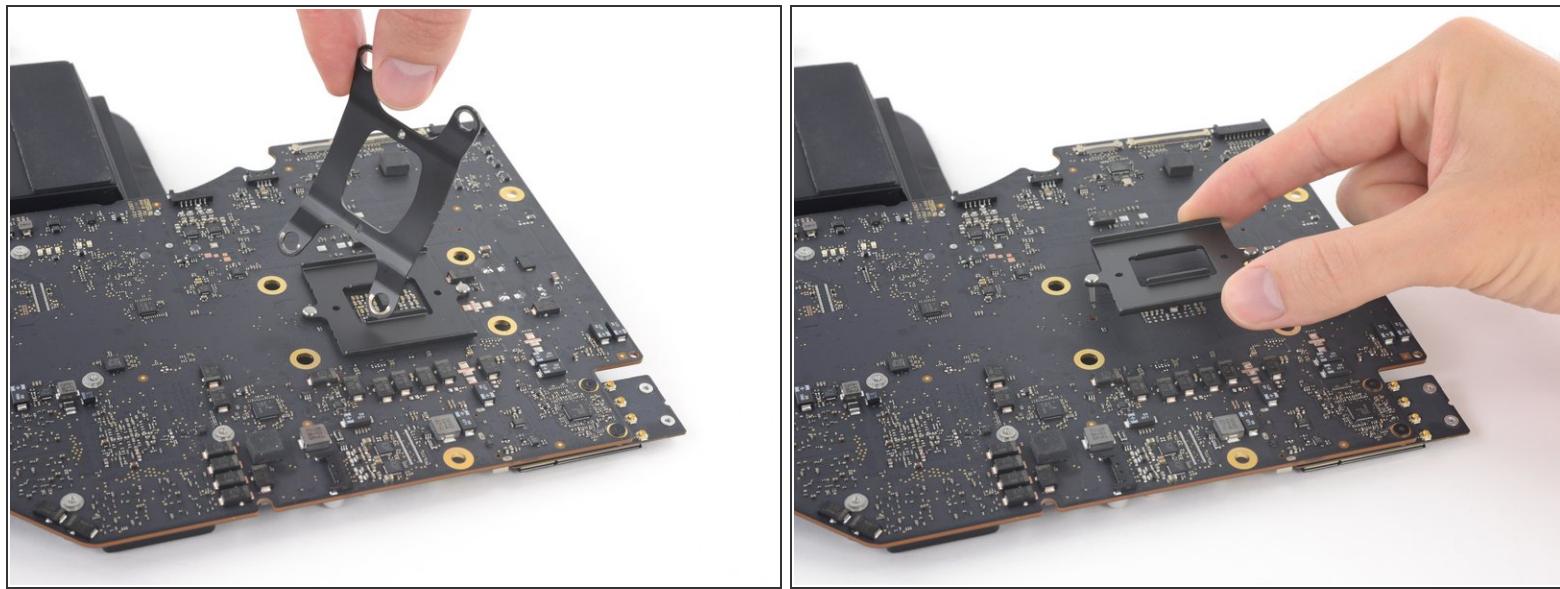
Step 1 — Heat Sink Assembly



- Peel off the four black tamper-evident stickers covering the heat sink mounting screws.
- Remove the four T10 screws that secure the heat sink from the backside of the logic board.

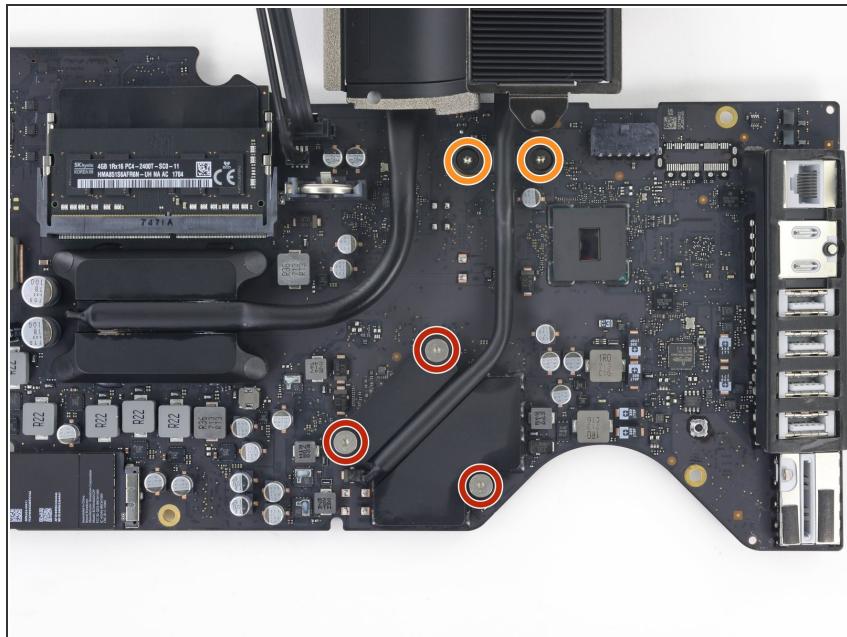
 During reassembly, tighten these screws one full turn at a time, [alternating in a cross pattern](#). This will gradually increase the clamping pressure evenly across the surface of the CPU. Continue gradually tightening the screws until they're snug and the entire spring plate [lays flat](#) against the logic board.

Step 2



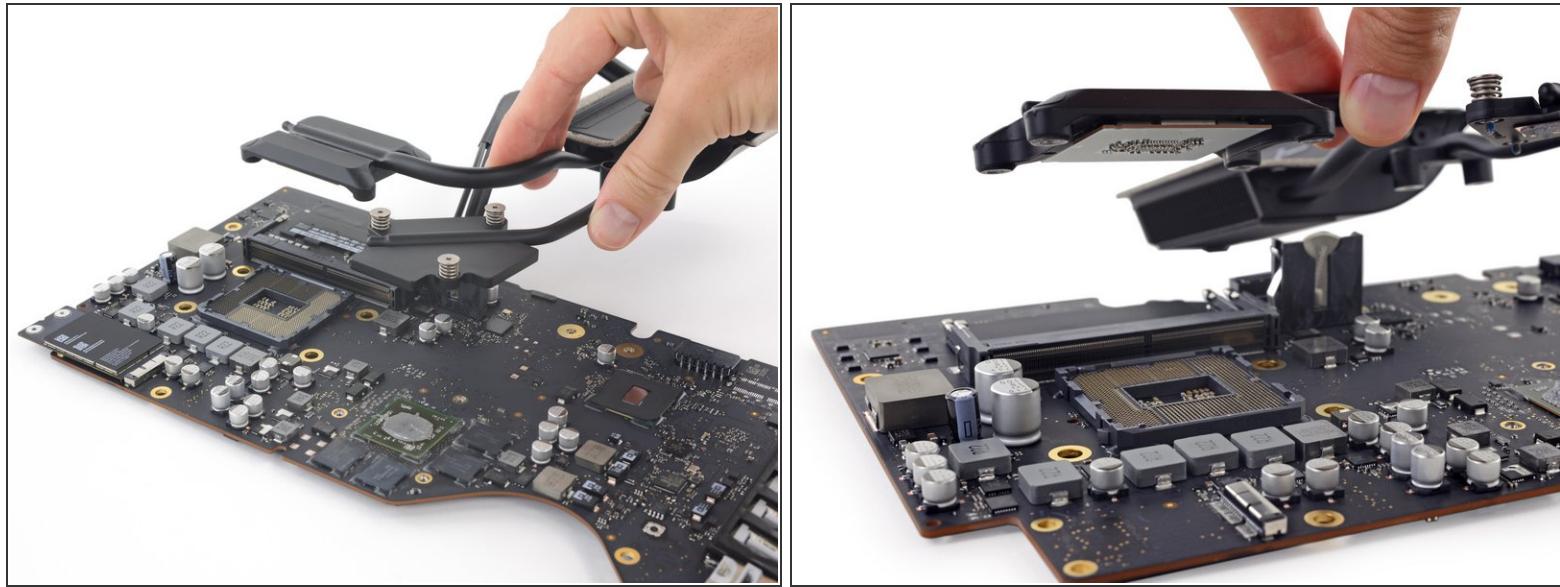
- Lift the heat sink retaining spring and its bracket off the logic board.

Step 3



- Fully loosen the three captive T8 screws securing the heat sink over the GPU.
- Remove the two 5.4 mm T8 screws securing the heat pipe to the logic board.

Step 4



⚠ Note that the CPU will most likely remain stuck to the underside of the heat sink as it's lifted out. Take care not to damage it.

- Lift and remove the heat sink assembly from the logic board.

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