



iMac Intel 21.5" EMC 2544 Heat Sink Assembly Replacement

Prereq to remove the heat sink.

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INTRODUCTION

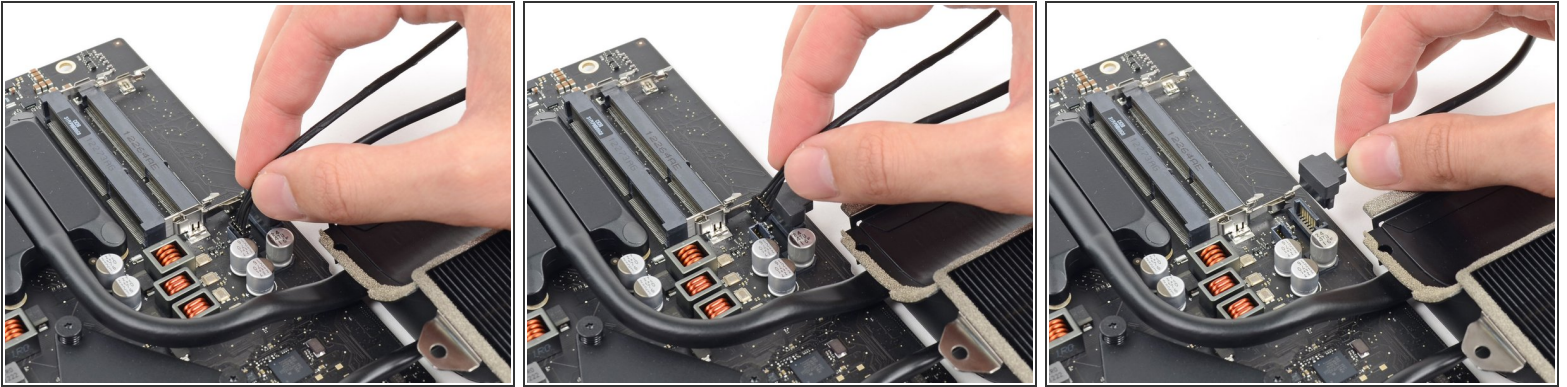
Prereq to remove the heat sink.



TOOLS:

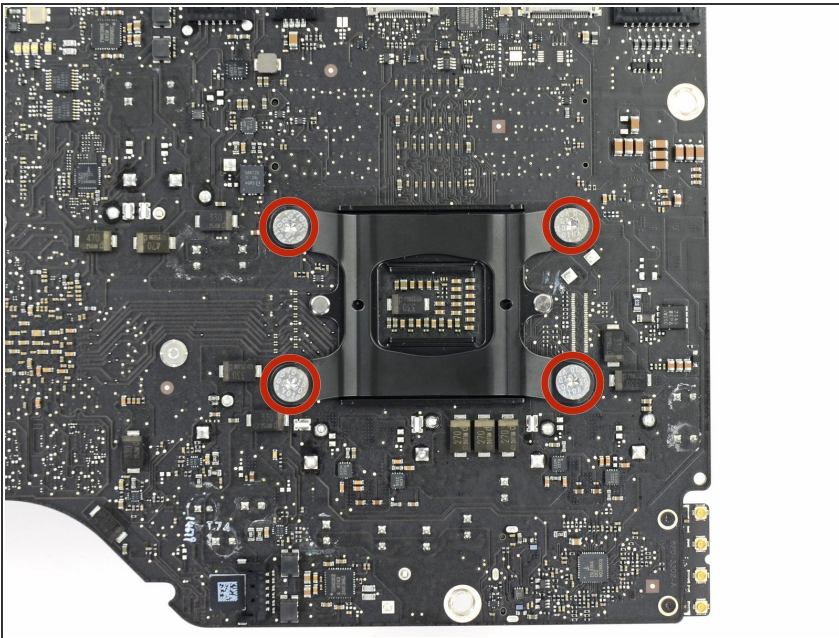
- [T10 Torx Screwdriver](#) (1)
 - [T8 Torx Screwdriver](#) (1)
 - [Arctic Silver ArctiClean](#) (1)
 - [Arctic Silver Thermal Paste](#) (1)
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Step 1 — Heat Sink Assembly



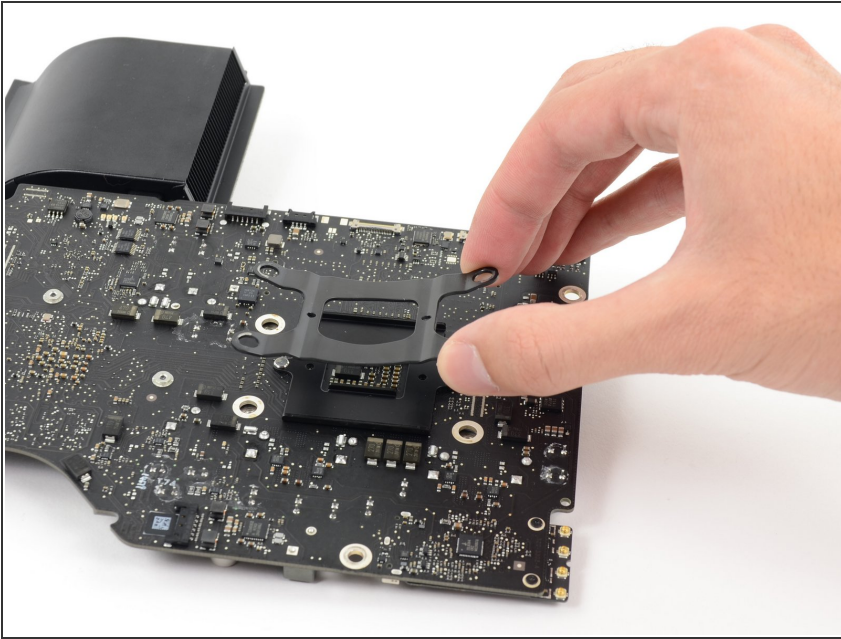
- Disconnect and remove the SATA data and power cables from the logic board.

Step 2



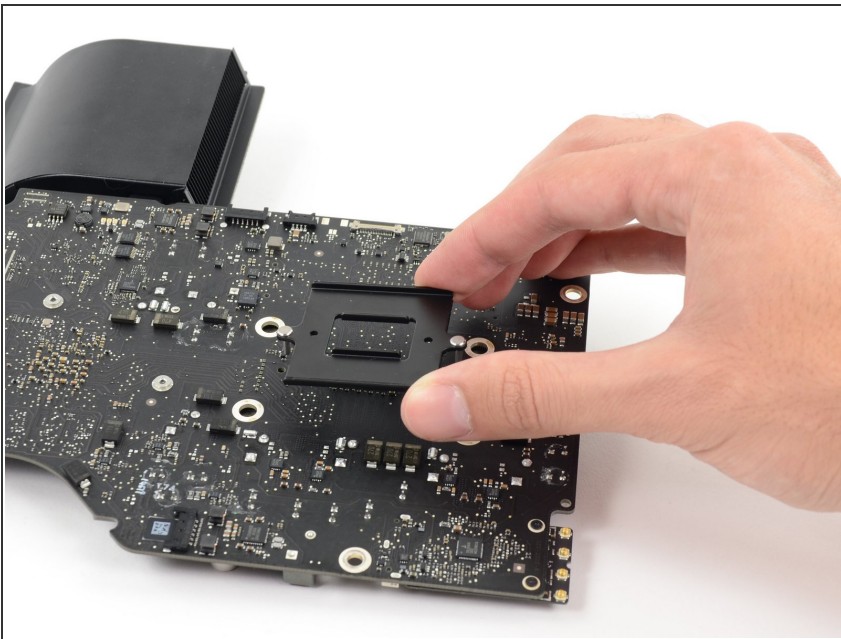
- Remove the four 12 mm T10 shoulder screws from the spring plate behind the CPU.

Step 3



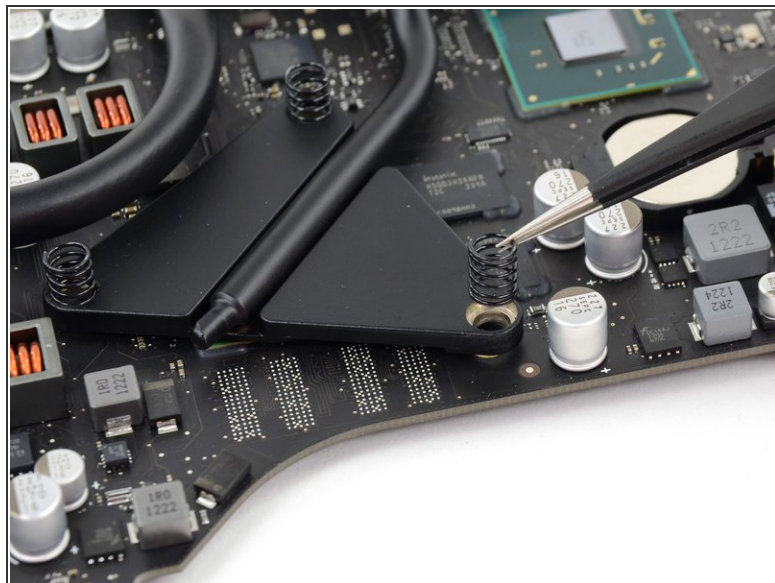
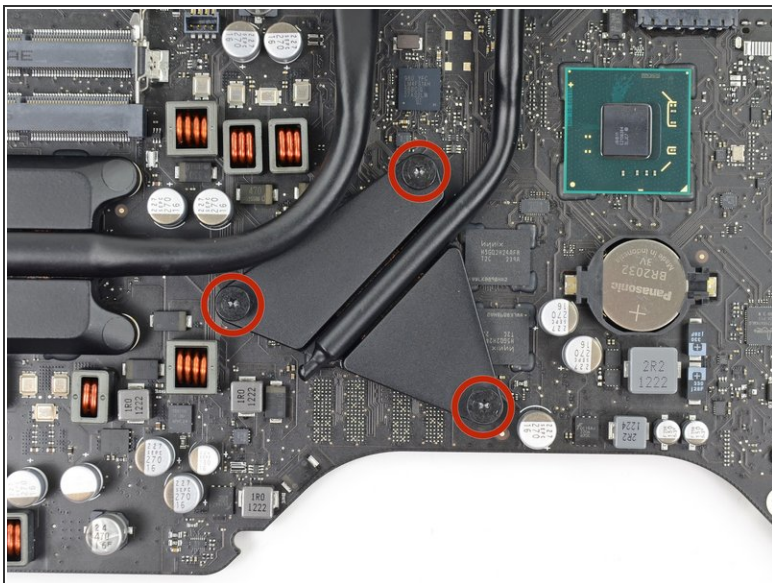
- Remove the spring plate from behind the CPU heat sink.

Step 4



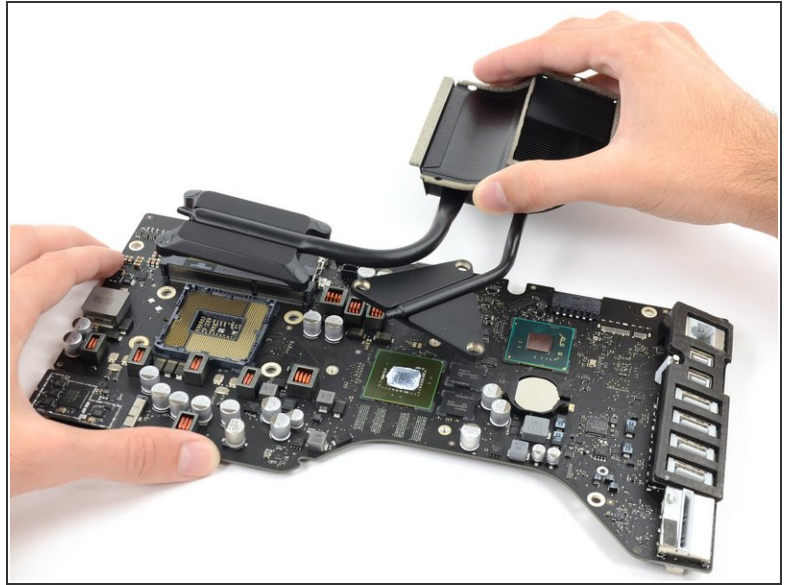
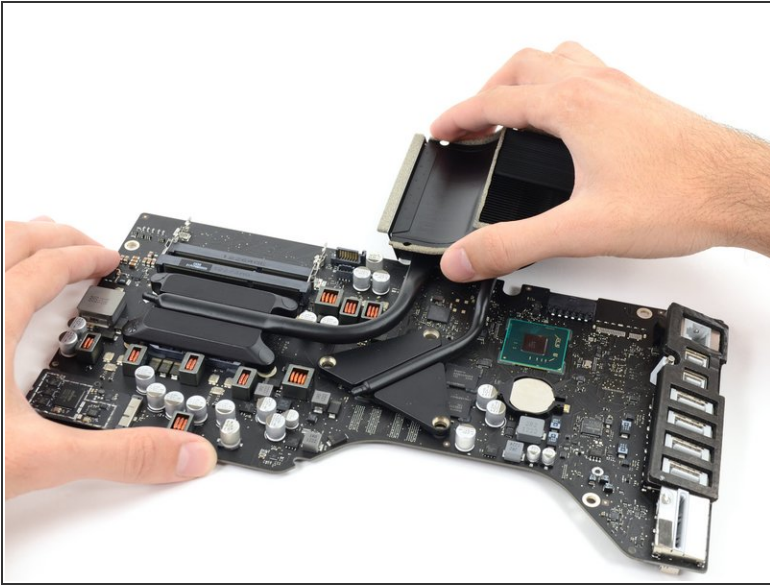
- Lift and remove the backing plate from behind the CPU heat sink.
- ⓘ The backing plate has two posts that fit into alignment holes in the logic board and heat sink.

Step 5



- Remove the three 12 mm T8 Torx screws securing the GPU heat sink to the logic board.
 - Remove the three springs left behind.
- ☞ These springs might come up with the screws; be careful not to lose track of them.

Step 6



- Lift and remove the heat sink up off the logic board.

⚠ The CPU will most likely detach with the heat sink, so be careful about where you lay it down.

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