



# MacBook Pro 13" Retina Display Late 2012 Heat Sink Assembly Replacement

Prereq only.

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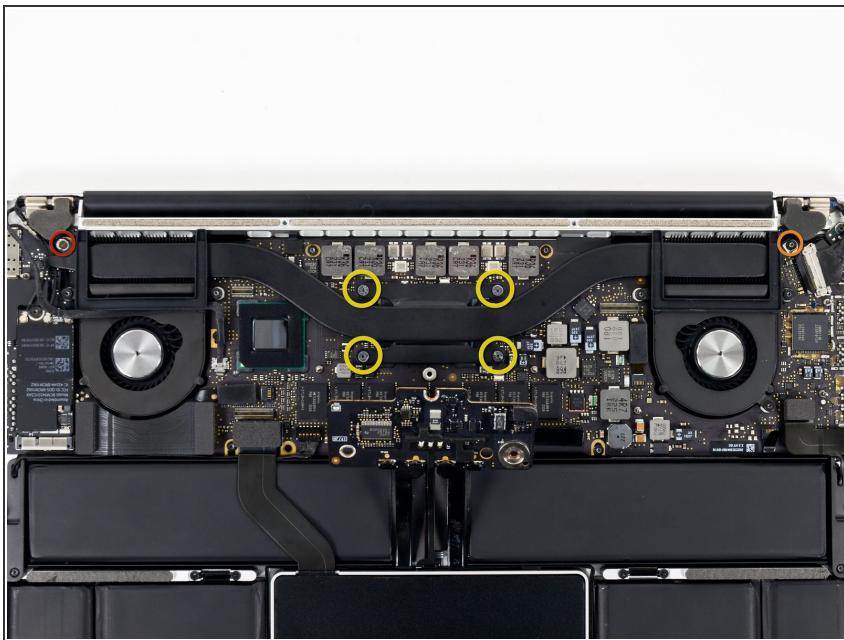
# INTRODUCTION

Prereq only.

## TOOLS:

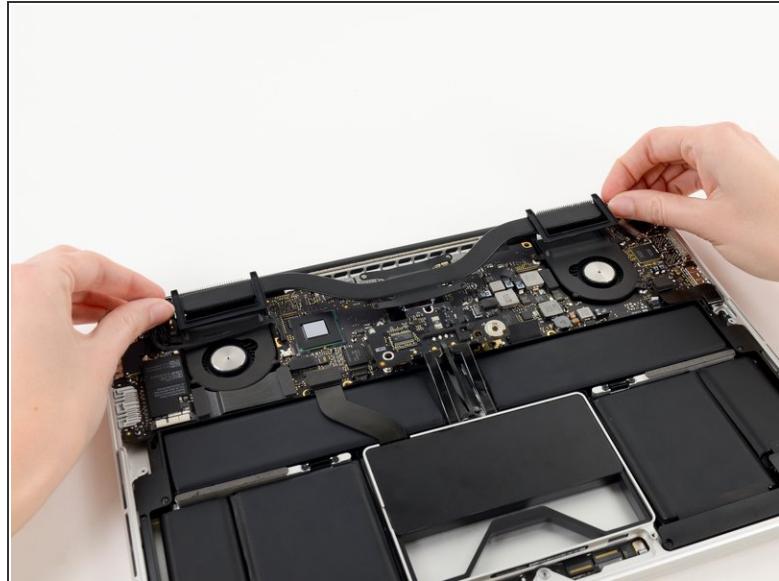
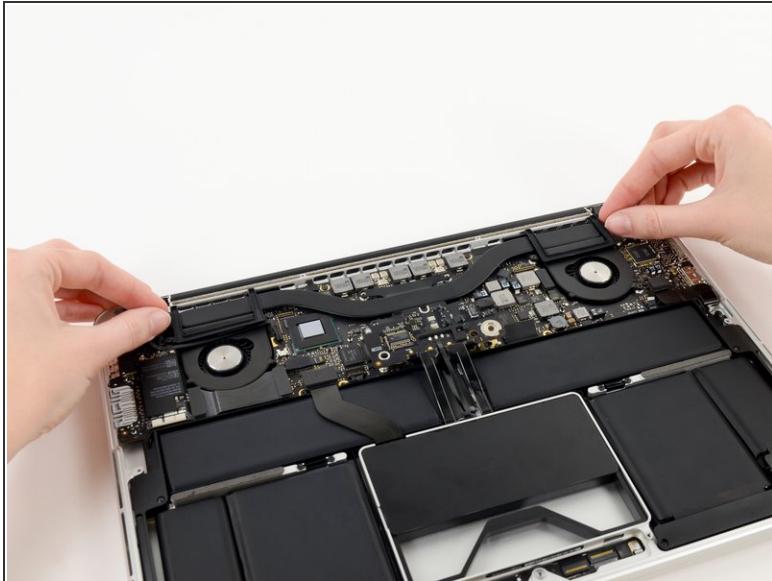
- [Phillips #00 Screwdriver](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [Arctic Silver ArctiClean](#) (1)
- [Arctic Silver Thermal Paste](#) (1)

## Step 1 — Heat Sink Assembly



- Remove the following screws securing the heat sink to the logic board assembly:
  - One 2.4 mm Phillips #00 screw
  - One 3.4 mm T5 Torx screw
  - Four 2.7 mm T5 Torx screws

## Step 2



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

**⚠** When reinstalling the heat sink, be sure to apply a new layer of [thermal paste](#). If you have never applied thermal paste before, we have a [guide](#) that makes it easy.

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