

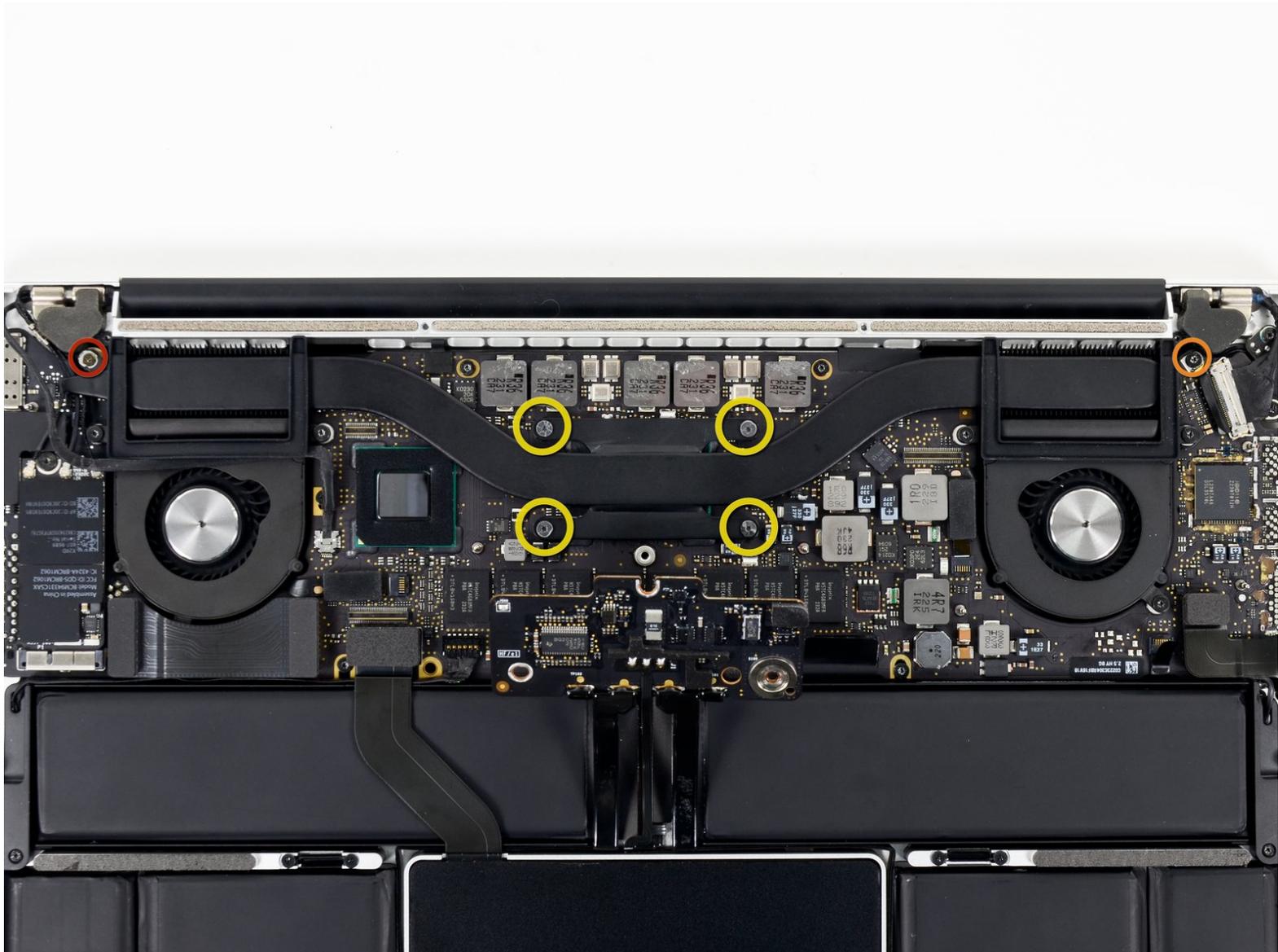


MacBook Pro 13" Retina Display Late 2012

Heat Sink Assembly Replacement

Prereq only.

Written By: Walter Galan



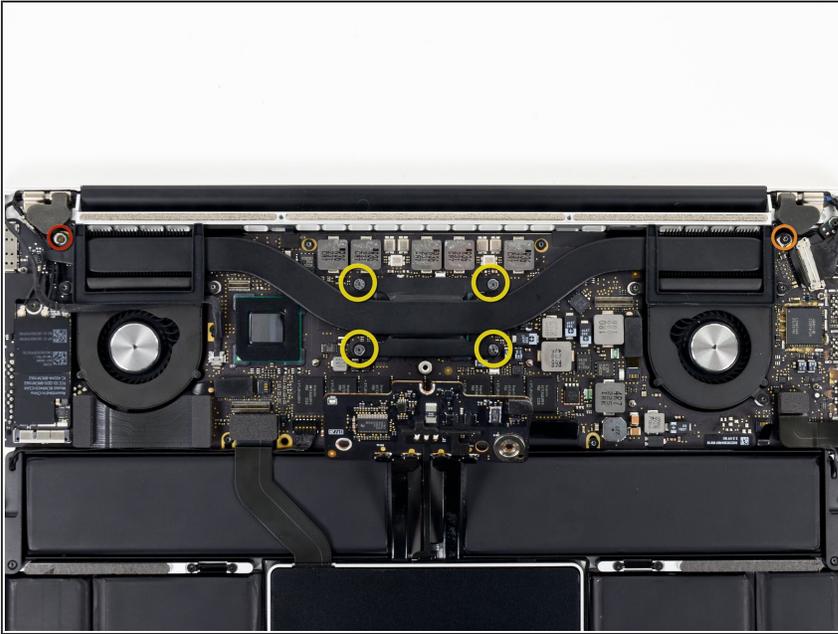
INTRODUCTION

Prereq only.

TOOLS:

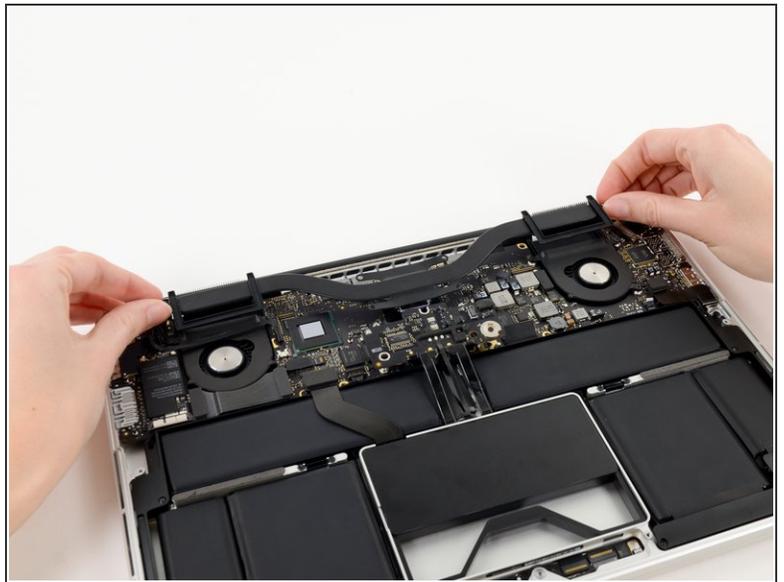
- [Phillips #00 Screwdriver](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Arctic Silver ArctiClean](#) (1)
 - [Arctic Silver Thermal Paste](#) (1)
-

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.