



# Mac Pro Late 2013 Fan Assembly Replacement

Prereq only.

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# INTRODUCTION

Prereq only.

## TOOLS:

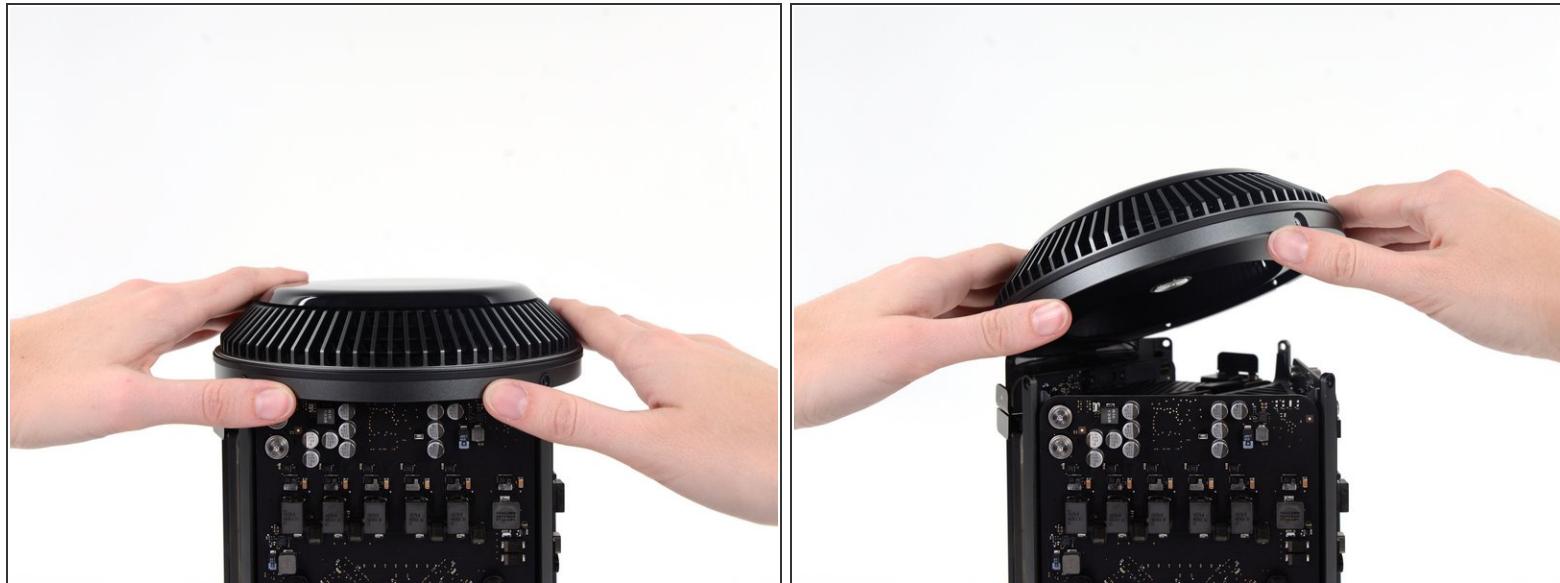
- [T10 Torx Screwdriver](#) (1)
- [T7 Torx Screwdriver](#) (1)
- [Tweezers](#) (1)
- [Spudger](#) (1)

## Step 1 — Fan Assembly



- Remove five 5.1 mm T10 Torx screws from around the outer perimeter of the fan assembly.

## Step 2



- The fan assembly is attached to the rest of the computer by two cables on the IO board side.
- Tilt the assembly up away from the IO board.

**⚠** Do not try to remove the fan assembly yet, as it is still attached by two cables.

## Step 3



- While supporting the fan assembly with one hand, loosen the two T7 captive screws in the fan cable bracket.

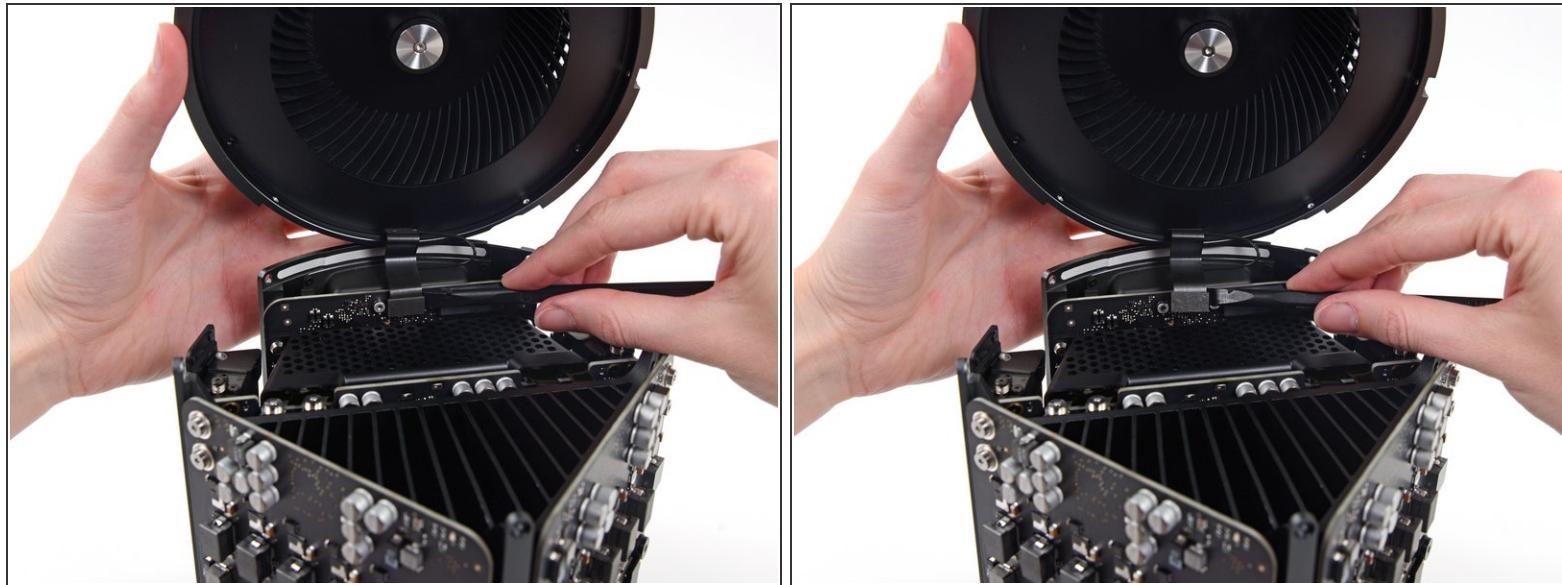
**⚠** These screws are captive in the Mac Pro. Do not try to remove these screws from your Mac Pro.

## Step 4



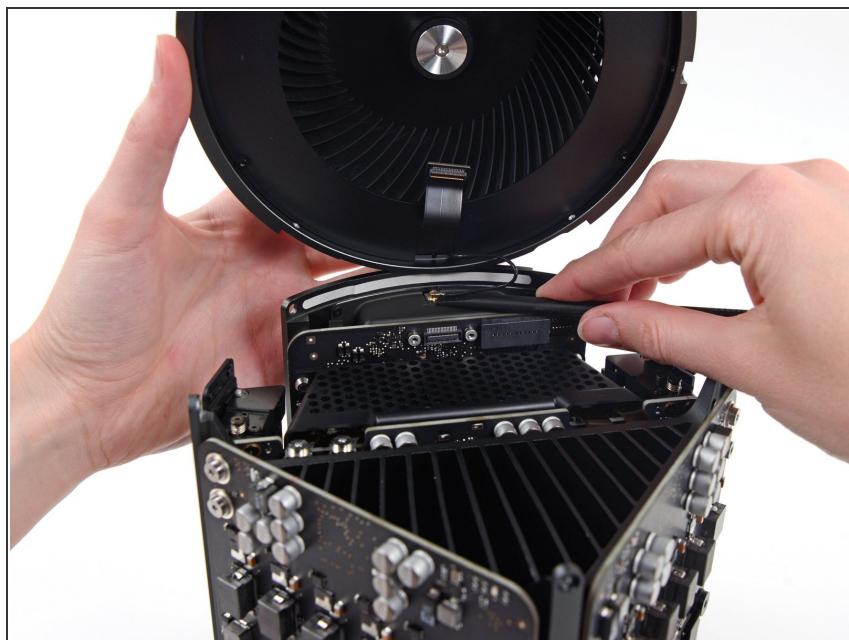
- Use a pair of tweezers to pull the fan cable bracket away from the fan assembly.

## Step 5



- Use the flat end of a spudger to disconnect the fan assembly ribbon cable from the IO board.

## Step 6



- Disconnect the fan assembly antenna cable from the IO board.
- Remove the fan assembly from the Mac Pro.

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