# iMac G5 20" Model A1076 Right Fan Replacement

Keep temperatures down and replace that broken...

Written By: Andrew Bookholt
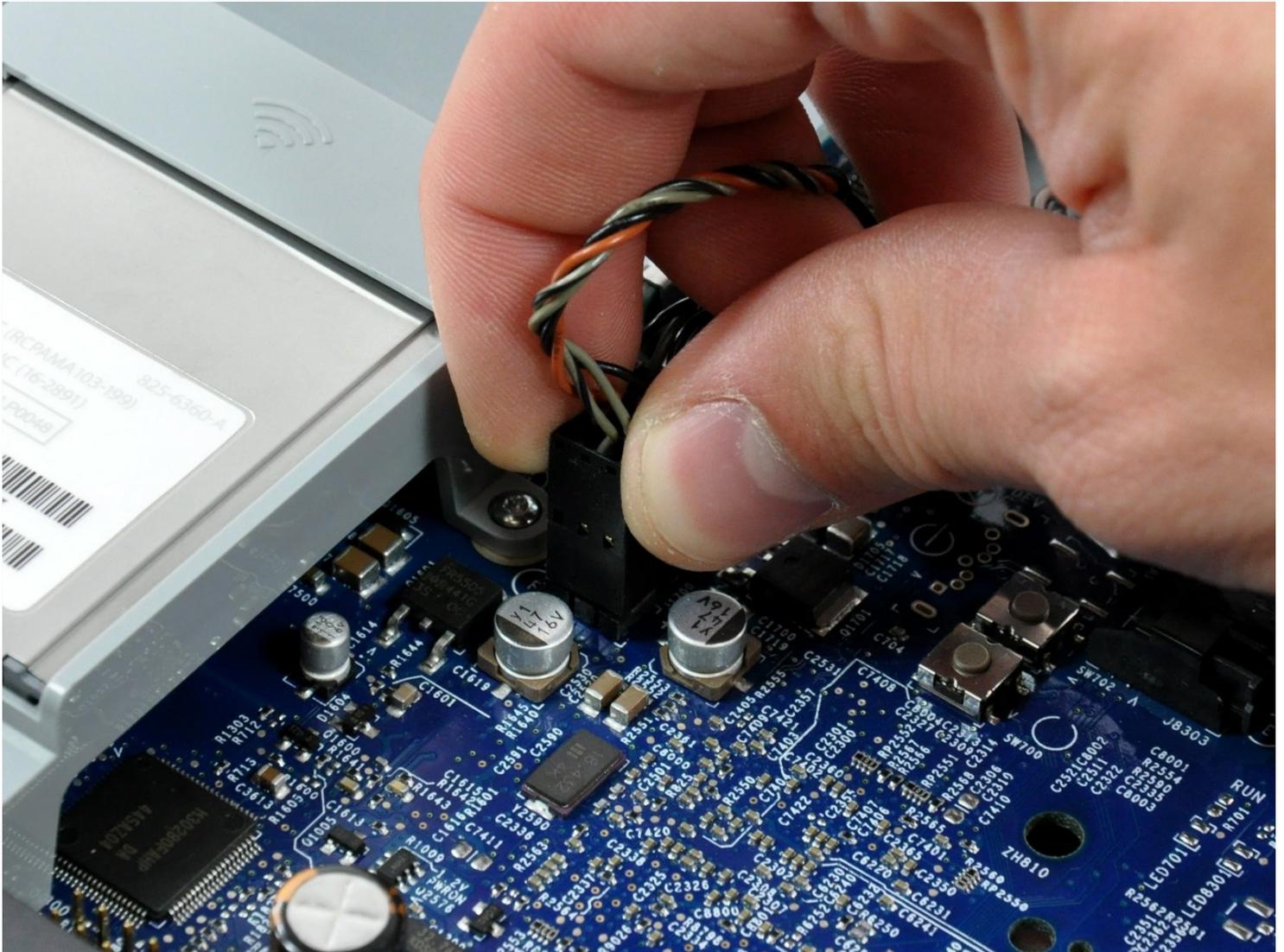
INTRODUCTION

Keep temperatures down and replace that broken fan!

TOOLS:

Phillips #1 Screwdriver (1)
TR10 Torx Security Screwdriver (1)
TR8 Torx Security Screwdriver (1)

PARTS:

iMac G5 20" 1.8 GHz (EMC No. 2008) Upper Right Fan (1)
iMac G5 20" 2.0 GHz EMC 2056 Upper Right Fan (1)

Step 1 — Rear Panel

- Lay the iMac display-side down on a flat surface (putting a cloth under the screen to protect it from bumps).

- Loosen the three Phillips screws securing the rear panel to the iMac.

- ⚠ These screws are captive in the iMac. The center screw will stop turning after about 3.5 turns and the outer screws will stop turning after about 5.5 turns. Do not try to remove these screws from your iMac.

Step 2
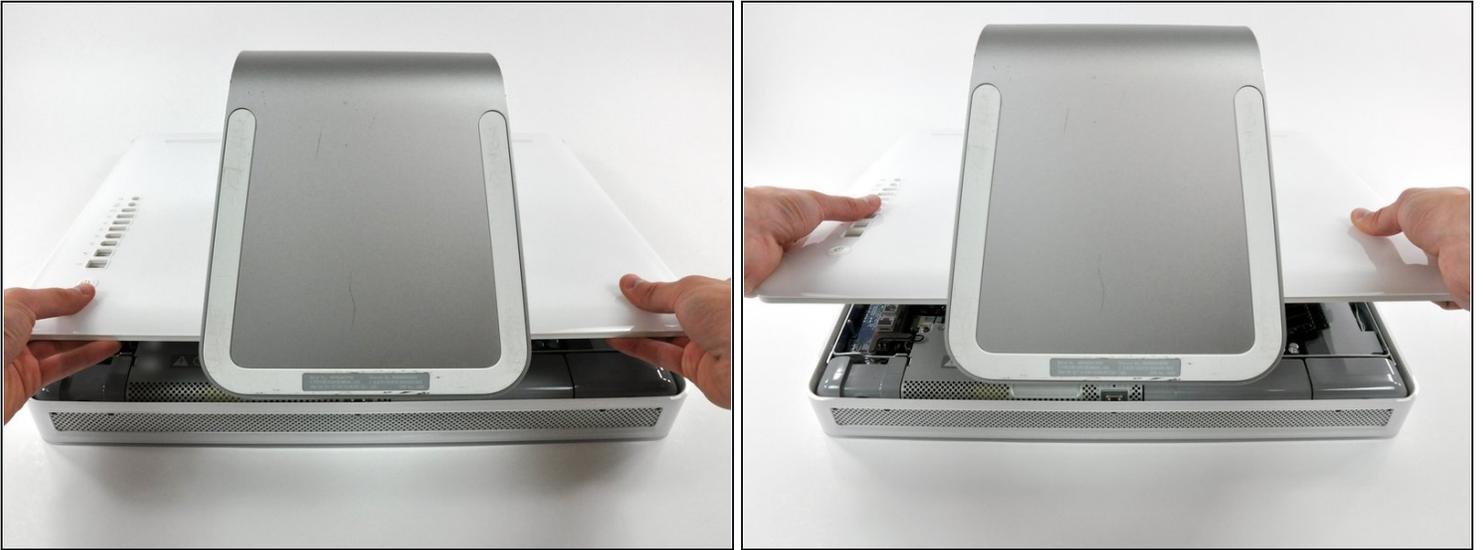
- Lift the rear panel slightly near the bottom of the iMac.

- Pull the rear panel toward yourself and remove it from the iMac.

Step 3 — Fan Duct

- Remove the following two screws:
  - One 11 mm T10 Torx.
  - One 10.6 mm T8 Torx.

Step 4
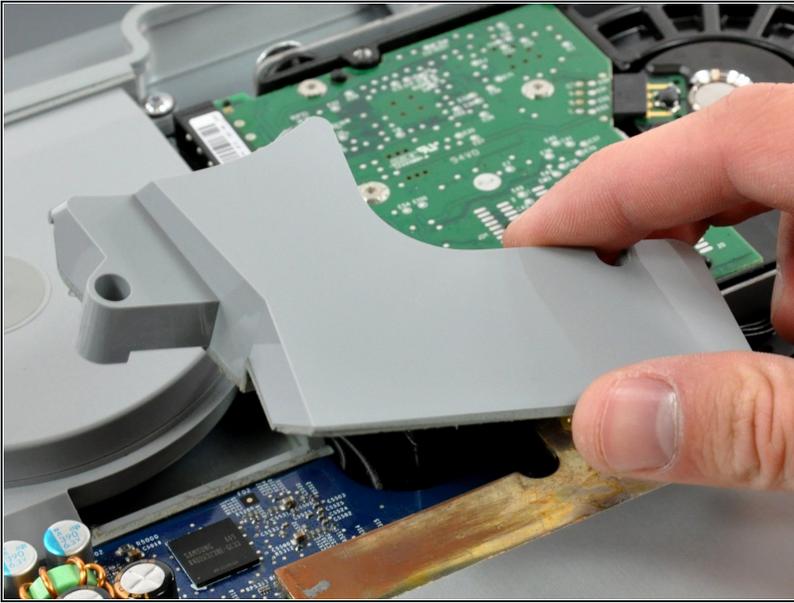
- Lift the fan duct out of the chassis.

Step 5 — Right Fan
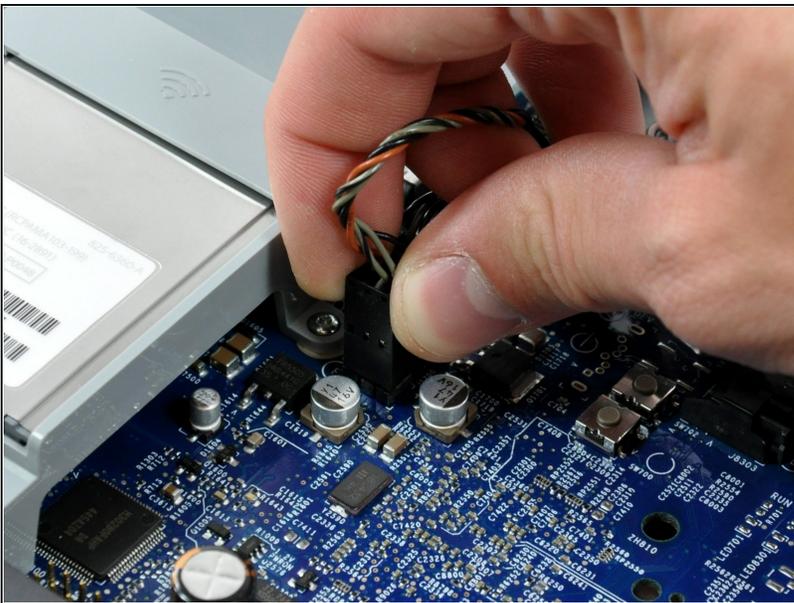
- Disconnect the right fan from the logic board by pulling its connector straight up.

- (i) If you bend the pins on the logic board during removal, use the fan connector as a guide to bend them straight.

Step 6

- Remove the two 11.6 mm shouldered T8 Torx screws from the right fan.

Step 7
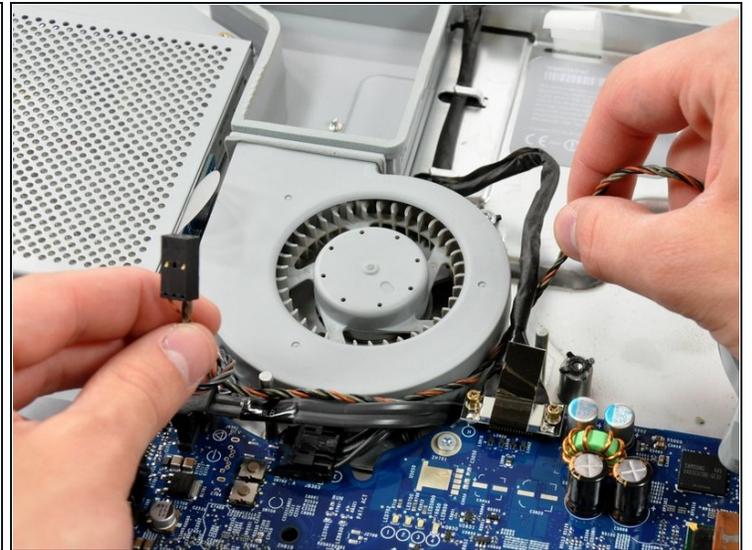
- Lift the fan near its outlet and rotate it toward yourself until its lower bracket clears the edge of the logic board.

- Lift the fan out of the chassis.

- ⓘ De-route the fan cable as necessary.

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