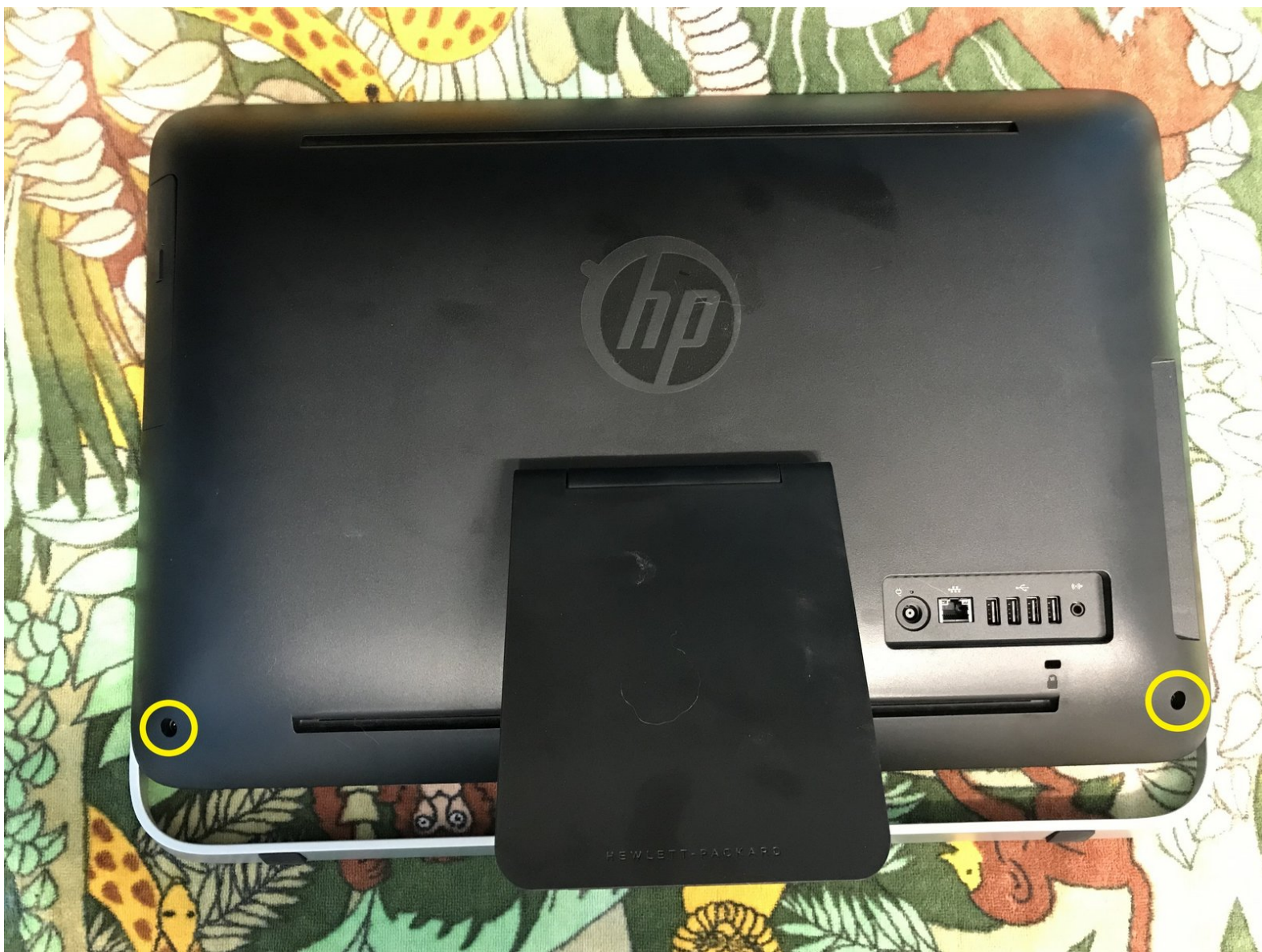




# HP Pavilion 21 TouchSmart All-In-One PC Rear Chassis Fan Replacement

This guide will explain how to replace the rear chassis fan on an HP Pavilion 21 SmartTouch All-In-One PC.

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## TOOLS:

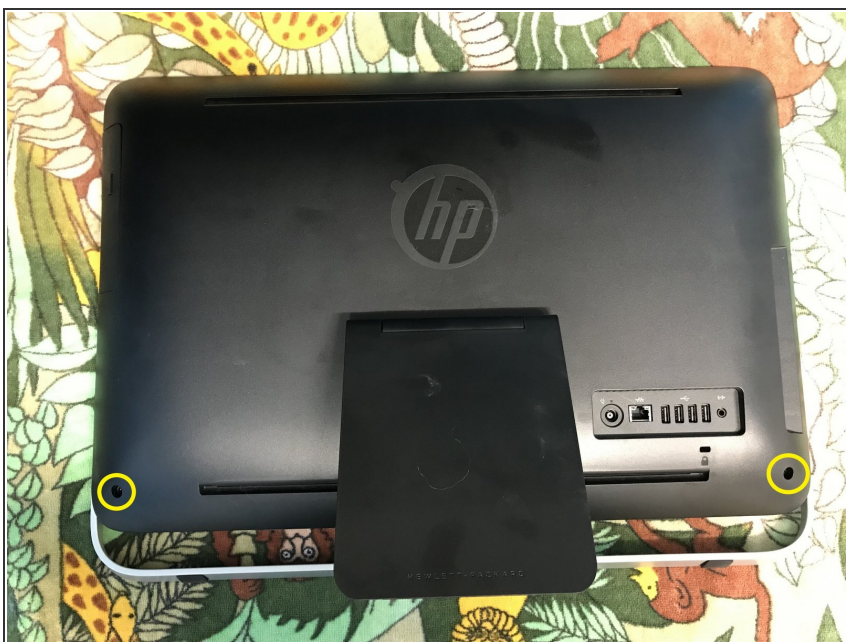
- [T15 Torx Screwdriver](#) (1)
- [Phillips #2 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (2)



## PARTS:

- [HP Part Number 739393-001](#) (1)

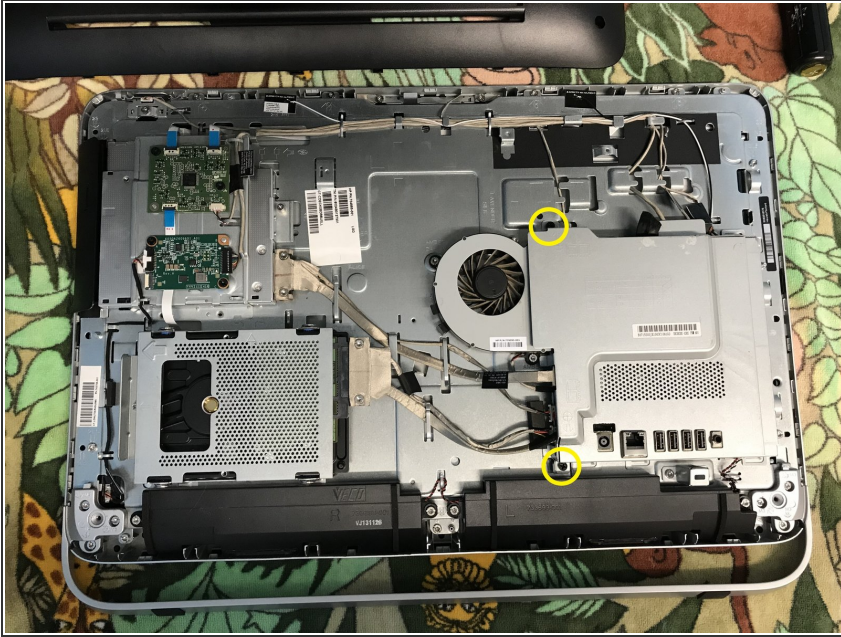
## Step 1 — Remove Back Cover



- Prepare work surface by placing a clean and dry towel down on a desktop surface.
- Place the computer face down on the towel so that the bottom of the unit is facing you.
- Loosen the two phillips head screws in the bottom left and right hand corners of the computer, as highlighted by the yellow circles in the image.
- Note that the screws will not come out, but as you loosen them, it will force the separation of the corners of the rear cover from the computer.
- Once the screws are loosened completely, use plastic spudgers to completely separate the rear cover from the rest of the computer.
- Use multiple spudgers to help with prying the pieces apart. Particular sticking points seem to be in the center at the top and bottom of the chassis.

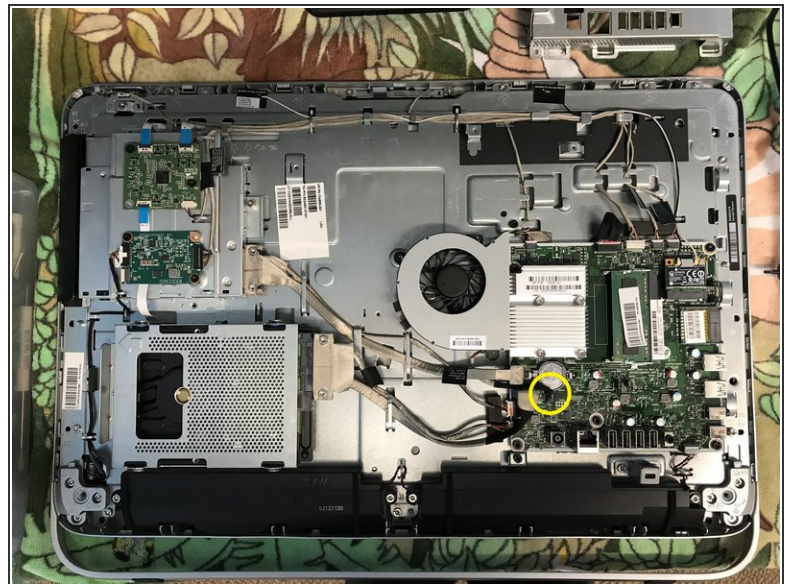
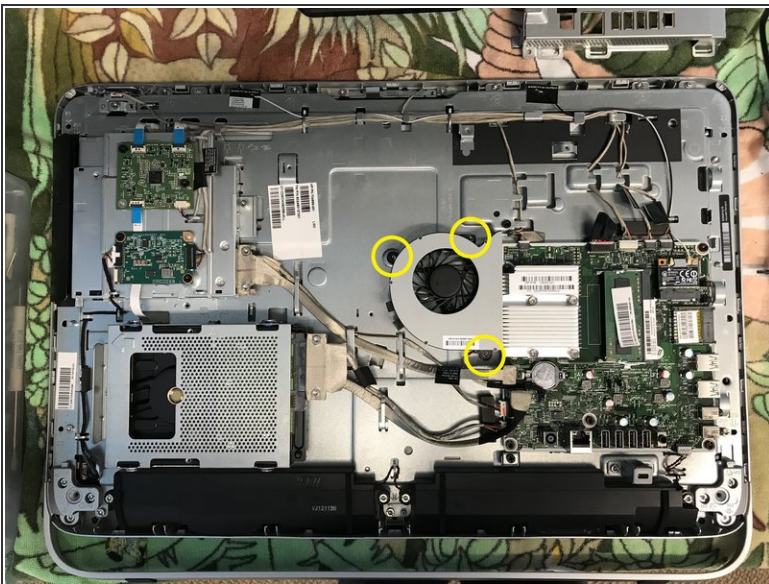


## Step 2 — Remove Motherboard Cover



- Remove two phillips head screws from the motherboard cover.
- Lift up on the left side of the cover to reveal the motherboard.
- Release the motherboard cover from the right hand side to completely remove the cover and set the cover and screws aside.

## Step 3 — Remove System Fan



- Using a T15 torx screwdriver, remove the three screws that hold the system fan in place.
- Gently and carefully disconnect the three wire connector that goes from the system fan to the motherboard. The three wire colors are red, yellow, blue and they connect to a point on the motherboard labeled CN4300.

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