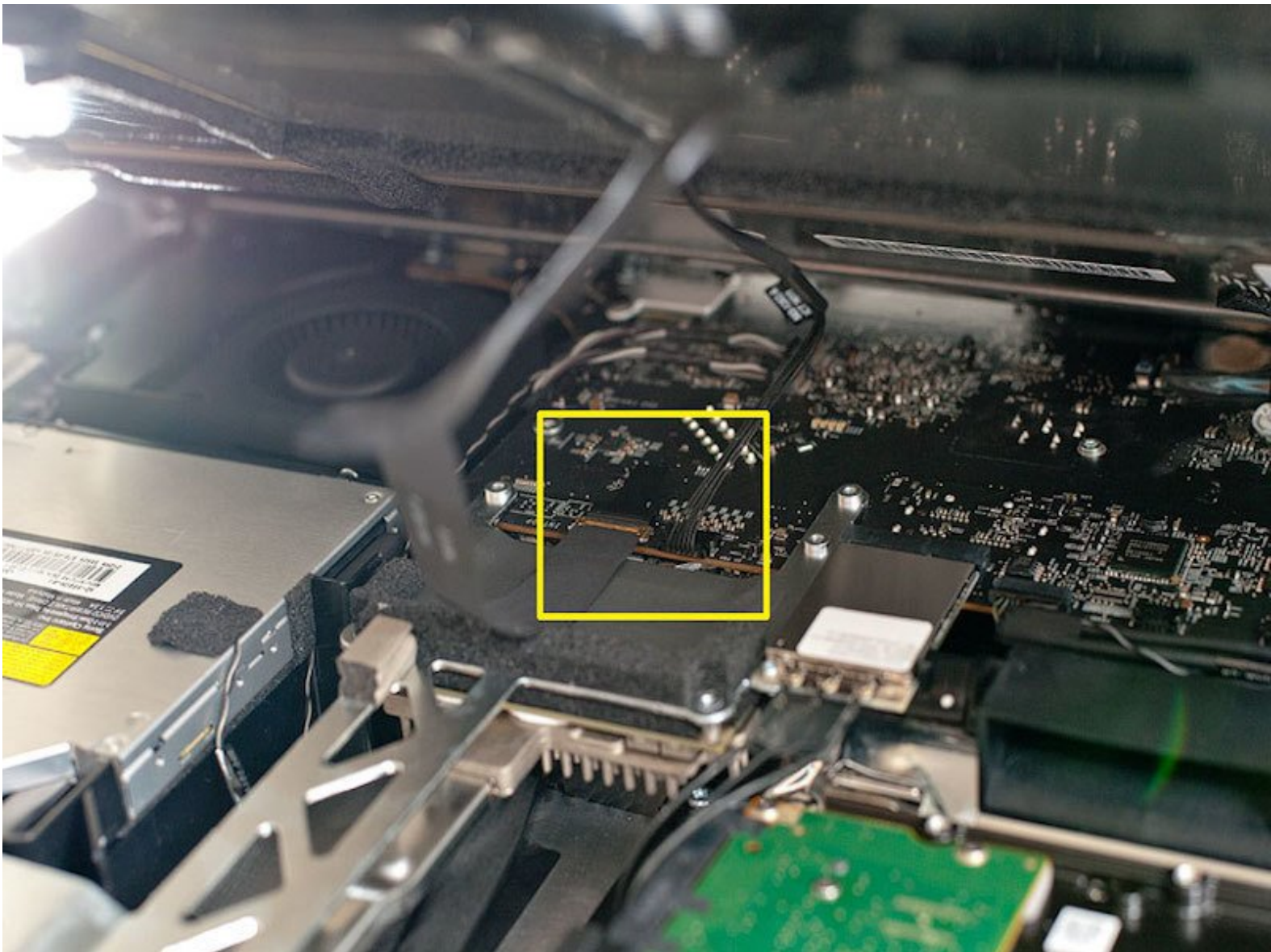




iMac 27" Mid-2011 Broken Display Power Connector Pins Replacement

How to replace a broken pin in a display power connector or any other connector that uses the same pins.

Written By: Mathew Mulligan



This document was generated on 2019-10-20 06:31:03 PM (MST).

INTRODUCTION

PLEASE READ!

This is a quick and dirty guide without too many explanations for how to fix this. I searched all over trying to find answers and came up with NONE. I made too many mistakes when i finally stumbled onto the fact that the pins EASILY slide out after desoldering it!

I wanted to post this quickly simply to get the word out on how easy of a fix this is. I understand there are no images, because I did not think I would be posting this online and I already finished the job and failed because of my previous mistakes. If I had known what I am posting now, I believe I would have easily succeeded.

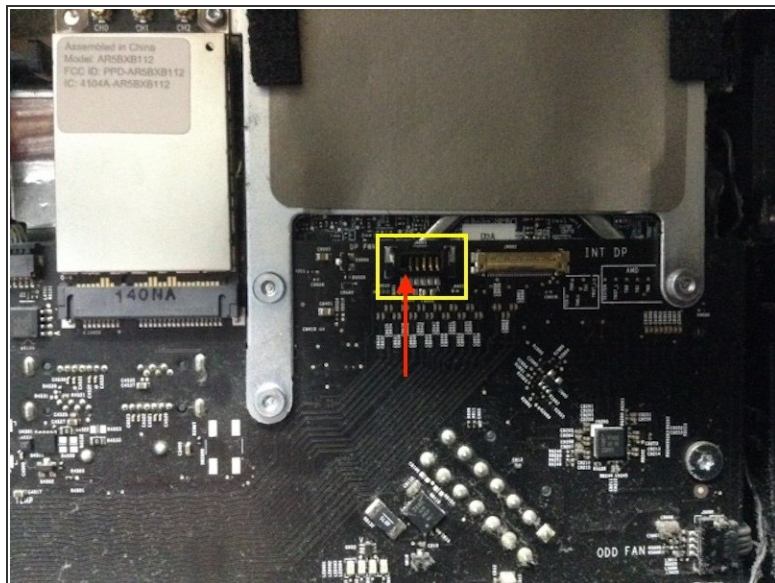
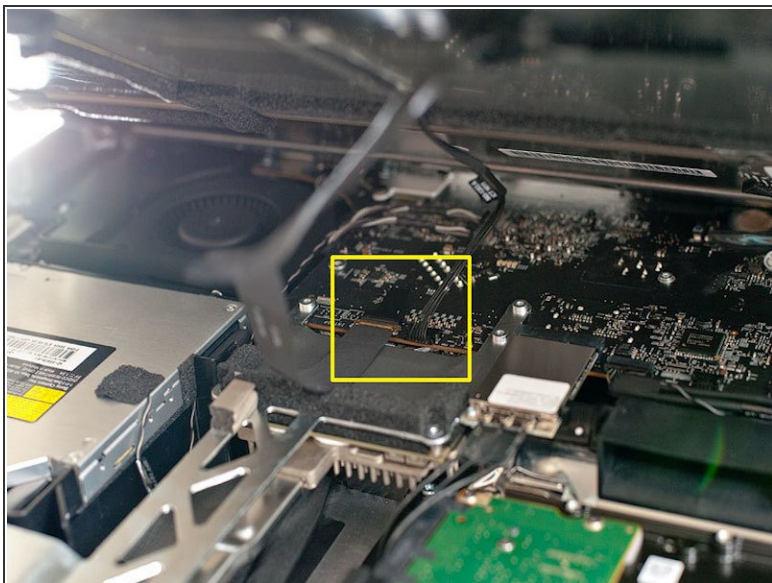
Keep in mind that soldering skills are required, but it is a simple soldering task. Be careful not to burn or knock around other connectors as it is cramped on that board.



TOOLS:

- [Soldering Gun / Iron and Solder](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Locate broken pin



- The first image I used came from this site: <http://www.btobey.com/learn/images/imac-...>

Step 2 — Locate unused connector



- This can be a connector within the iMac or another board for parts. I found an unused connector in my computer.

Step 3 — Desolder broken pin



- Apply the soldering iron to the base of the broken pin connected to the circuit board while levering the tweezers behind it pulling it out slowly.

Step 4 — Desolder unused pin



- Same as previous step.

Step 5 — Replace pin in desired connector



- Slide the pin in the desired connector until it is firmly seated inside.

Step 6 — Solder new pin in place



- Apply pressure to the base of the pin with the tweezers and solder the pin back in place.