

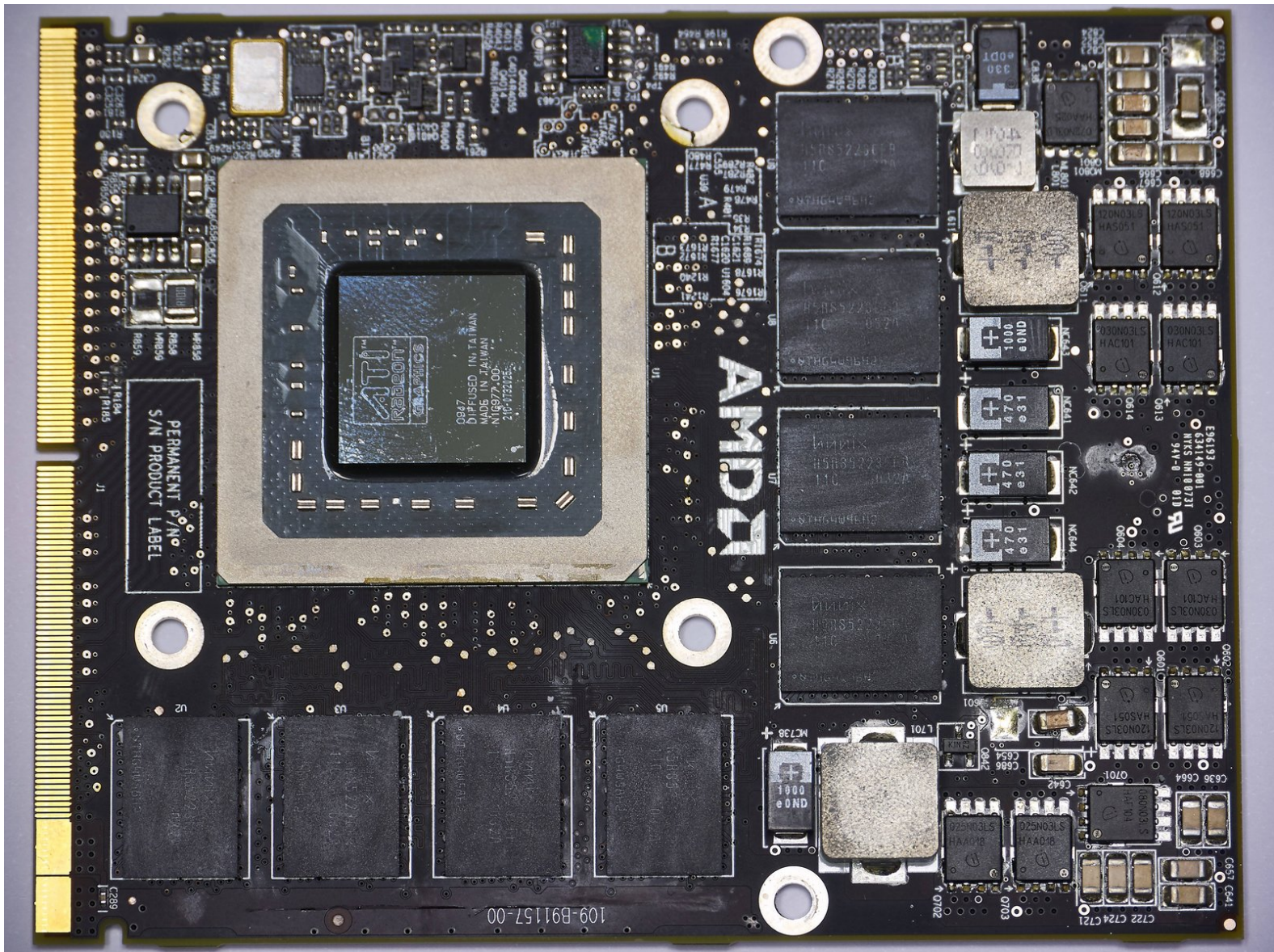


iMac Intel 27" EMC 2374, AMD Radeon HD 4850

Video Card Removal & Repair

This is a video guide that shows how to open the iMac, remove the logic board & video card, initiate repair, then replace the items and test.

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INTRODUCTION

[video: <https://www.youtube.com/watch?v=v1DXBLkiqFM>]

This video guide (see "Video Instructions" below) shows how to disassemble the iMac in order to remove and repair the video card, then reassemble and test. I recommend that you label all connectors to make them easier to reconnect without error. I also suggest you watch the video guide on YouTube so you can read important information I added under the video there in its text description -- open the video on YouTube, look beneath the video and click on "SHOW MORE" to see all the notes.

The basic procedure shown in my video has been successfully performed by others on model year 2010 & 2011 iMacs; however, the bake CANNOT be performed on late 2012 and newer "tapered edge" iMacs because their video card GPU is soldered to the main board.

I also made a SECOND VIDEO showing my second bake, which provides even more useful information such as the thermal paste I successfully used and how to apply it:

<https://youtu.be/6BJGLFCigdA>



TOOLS:

- [T10 Torx Screwdriver](#) (1)
- [T9 Torx Screwdriver](#) (1)
- [Heavy-Duty Suction Cups \(Pair\)](#) (1)
- [Anti-Static Wrist Strap](#) (1)
- [Thermal Grease](#) (1)
- [91% Isopropyl Alcohol](#) (1)
- [Microfiber Cleaning Cloths](#) (1)
- [Flashlight](#) (1)
- [Dust Blower](#) (1)
- [Anti-Static Screen Cleaner](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Cotton Ball](#) (1)



PARTS:

- [BR2032 Coin Battery](#) (1)

Not for the faint of heart and recommended only for someone who has a full day free and isn't afraid to tinker. Since the 2009 iMac is out of warranty and non-functional with a problematic video card, there isn't much to lose by attempting a video card repair. And while I cannot guarantee the "oven bake" method will work in every case, it did work in mine and in the case of many other people whose stories I have read online. Indeed those stories were inspiration for me to attempt the same repair. Even if one does not wish to repair the video card, this video still shows how to remove the logic board and video card and put them back in place. Be sure to watch the video on YouTube so you can read the Text Description under the video which contains important information. Within that Text Description, I post a link to a second video I made on this topic, which I recommend you watch before getting started. And don't forget to bake at 200°C (400°F), noting the difference between Celsius and Fahrenheit.