

# MacBook A2337 - Screen Replacement



## Project Overview

Somewhere around 2023 my fat ass dog stood on my laptop and broke the screen. Having regretfully bought the MacBook to begin with, I looked up the price of screen repairs and made the cowards decision to leave it in box for years and pretend it never happened and buy a Lenovo ThinkPad (one of the best decisions I've ever made). Fast forward two years I'm a bit more involved in general software/hardware so I figured why not pull it out and fix the screen myself, it really can't be that hard. Turns out I should've done it years ago because it literally took all of 15 minutes. Most difficult part ended up being keeping track of the ridiculous set of screws apple use.

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## Steps

### 1. Introduction & Issue Identification

- The MacBook Air M1 (A2337) has a **badly damaged LCD**, with only a small functional corner.
- The goal is to replace the LCD with a new one.

### 2. Removing the Bottom Case

- Flip the laptop over and **remove all pentalobe screws** securing the bottom case.
- Use a **suction cup** to lift and remove the bottom case.

### 3. Disconnecting the Battery

- Before proceeding, **disconnect the battery** to avoid damage to components.
- Pull down and away on the **battery retention bar** to release it.
- Fully detach the **battery connector** to prevent accidental power surges.

### 4. Removing the LCD Assembly

- Start by removing **three T8 screws on each side** that secure the LCD to the top case.
- Switch to a **T5 screwdriver** and remove:
  - **Four silver screws** holding the Wi-Fi vent module.
  - **Two black screws** securing the LCD bungee in place.

### 5. Detaching the LCD from the Logic Board

- Use a **plastic spudger** to carefully disconnect the LCD cable from the logic board.
- Remove a **bracket and screw** securing the **Wi-Fi antenna cables** to the logic board using a **T3 screwdriver**.

## 6. Removing the Wi-Fi Vent Module

- The **Wi-Fi vent module is glued down** and needs to be carefully peeled off.
- Work slowly and gently to avoid damage, as the adhesive is strong.
- To make removal easier, **slightly open the laptop's hinges** to loosen the module.

## 7. Fully Detaching the LCD Screen

- Ensure the **LCD bungee is floating freely** to prevent unnecessary tension.
- Open the laptop further and **fully separate the top case (LCD assembly) from the rest of the MacBook**.

## 8. Preparing the New LCD for Installation

- Unbox the **new LCD screen** and prepare it for installation.
- Open the new LCD's **hinges slightly** to make attachment easier.

## 9. Installing the New LCD

- Align the new LCD assembly with the MacBook's body.
- Insert the **LCD bungee** correctly before securing the LCD in place.
- Partially open the laptop to allow the hinges to snap into position.
- Secure the LCD with at least **one or two T8 screws** to prevent accidental movement or damage.

## 10. Reattaching Internal Components

- Reinstall the **Wi-Fi vent module**, ensuring the **LCD bungee is properly positioned**.
- Reconnect the **LCD display connector** and **Wi-Fi antenna cables**, securing them with their respective **T3 screws** and brackets.

## 11. Reconnecting the Battery & Reassembling the Laptop

- **Reconnect the battery** by clipping it back into place.
- Reattach the **bottom case**, securing it with the **pentalobe screws**.
- Note that the **longest screws go at the top**, while the remaining screws are uniform in size.

## 12. Powering On & Testing the New LCD

- Flip the MacBook over and **connect the charger** to ensure the battery has power.
- Power on the MacBook and confirm the **new LCD works properly**.

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## 🔧 Tools

- Screwdrivers: **Torx T3, T4, T5 and T8** (good screwdriver set will cover it)
  - MacBook Air 13" A2337 M1 2020 Full Assembly LCD Screen Replacement
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## Problems & Resolutions

- 13. Connection module wasn't easy to disconnect ->
  - 14. Tricky to refit new screen ->
  - 15. Latches are very stiff and uncomfortable to move ->
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## References

YouTube

- [TEKDEP](#) - A2337 Screen Replacement Tutorial ●
- [UberGeeks](#) - A2337 Screen Replacement Tutorial ●

ebay

- [A2337 LCD Screen](#)