



# MacBook Unibody Model A1342 RAM Replacement

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# INTRODUCTION

Accessing the RAM in this computer is straightforward and requires minimal disassembly.



## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)



## PARTS:

- [MacBook 13" Unibody \(Model A1342\) Late 2009 Memory Maxxer RAM Upgrade Kit](#) (1)
- [MacBook 13" Unibody \(Model A1342\) Mid 2010 Memory Maxxer RAM Upgrade Kit](#) (1)
- [PC3-8500 1 GB RAM Chip](#) (1)
- [PC3-8500 2 GB RAM Chip](#) (1)
- [PC3-8500 4 GB RAM Chip](#) (1)

## Step 1 — Lower Case



- Remove the eight 4 mm Phillips screws securing the lower case to the MacBook.

## Step 2



**⚠** The lower case is constructed of rubber-coated aluminum. Do not excessively bend the aluminum during removal, as any permanent deformation will cause tolerance issues after reassembly.

- Slightly lift the lower case near the vent opening.
- Continue running your fingers between the lower and upper cases until the upper case pops off its retaining clips.

**i** The location of these three clips is shown in the third picture.



## Step 3 — Battery



**!** For precautionary purposes, we advise that you disconnect the battery connector from the logic board to avoid any electrical discharge. This step is **optional** and is not required.

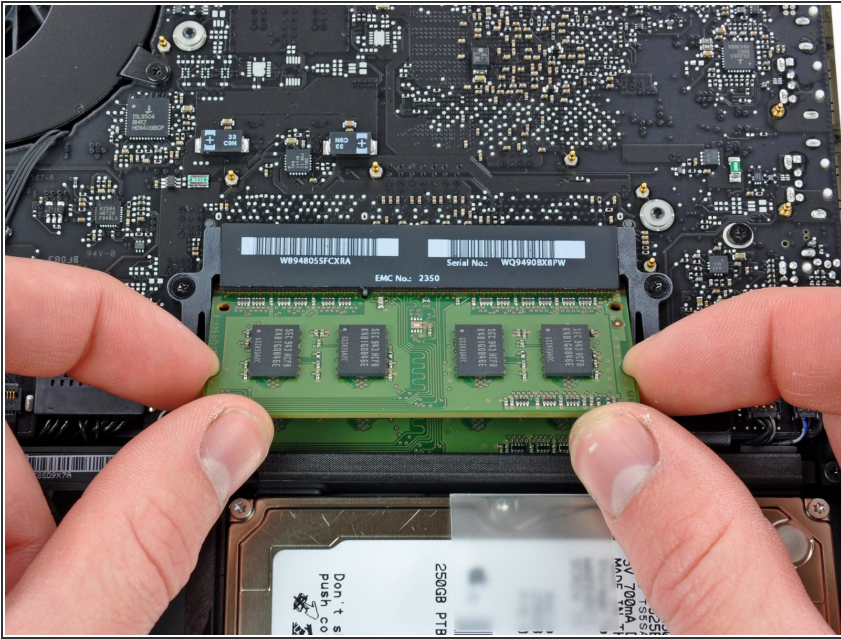
- Use the flat end of a spudger to lift the battery connector up out of its socket on the logic board.
- i** It may be easier to use your fingernails to lift up on both sides of the connector.

## Step 4 — RAM



- Release the tabs on each side of the chip by simultaneously pushing each tab away from the RAM.
- i** These tabs lock the chip in place and releasing them will cause the chip to "pop" up.

## Step 5



- After the RAM chip has popped up, pull it straight out of its socket.
- ⓘ Repeat this process if a second RAM chip is installed.

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