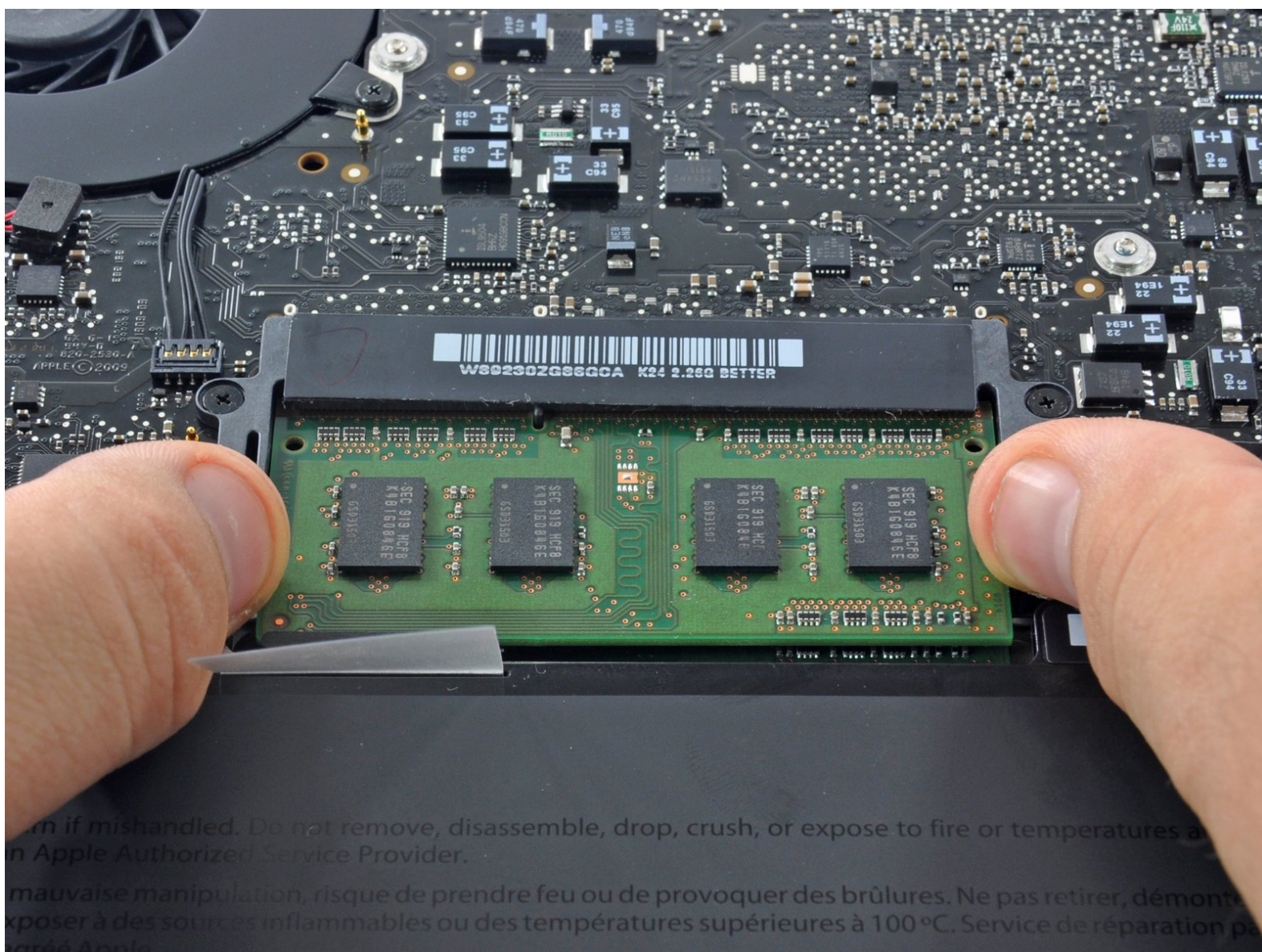




# MacBook Pro 13" Unibody Mid 2009 RAM Replacement

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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 Pro 13" Unibody Mid 2009 Memory Maxxer RAM Upgrade Kit](#) (1)
- [PC3-8500 4 GB RAM Chip](#) (1)
- [PC3-8500 2 GB RAM Chip](#) (1)
- [PC3-8500 1 GB RAM Chip](#) (1)

## Step 1 — Remove the lower case screws



- Remove the following 10 screws securing the lower case to the MacBook Pro 13" Unibody:
  - Seven 3 mm Phillips screws.
  - Three 13.5 mm Phillips screws.

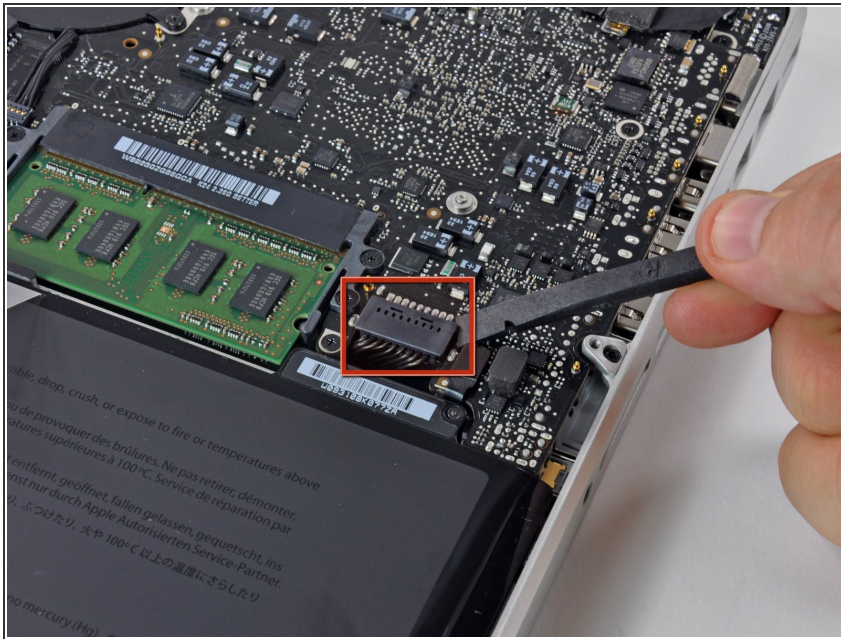
## Step 2 — Lift the lower case away



- Slightly lift the lower case and push it toward the rear of the computer to free the mounting tabs.



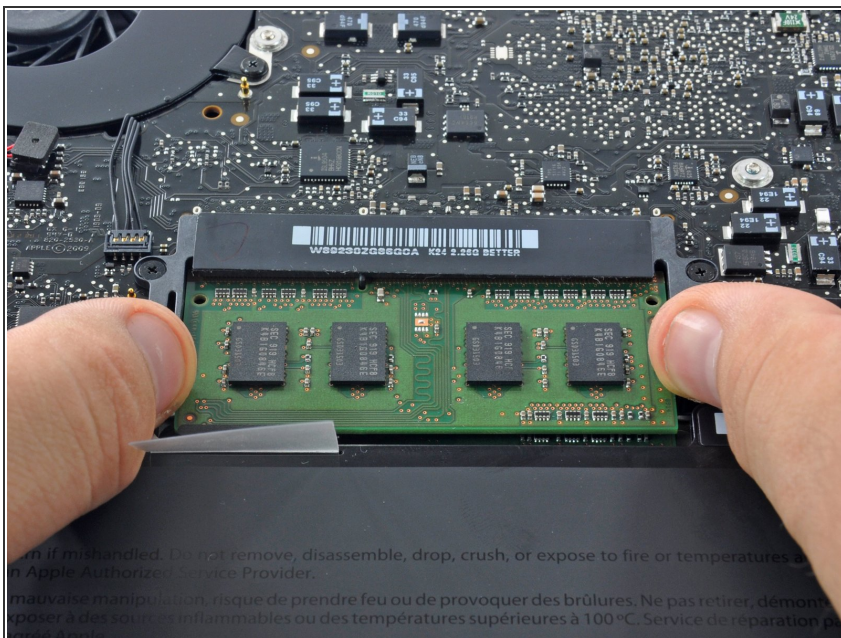
## Step 3 — Battery



**⚠** For precautionary purposes, we advise that you disconnect the battery connector from the logic board to avoid any electrical discharge.

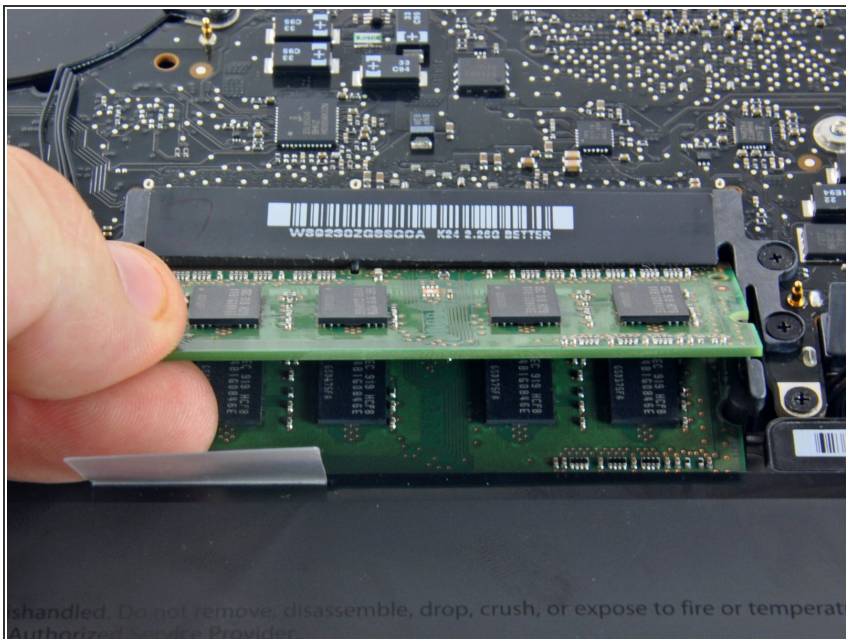
- Use the flat end of a spudger to lift the battery connector up out of its socket on the logic board.

## 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.