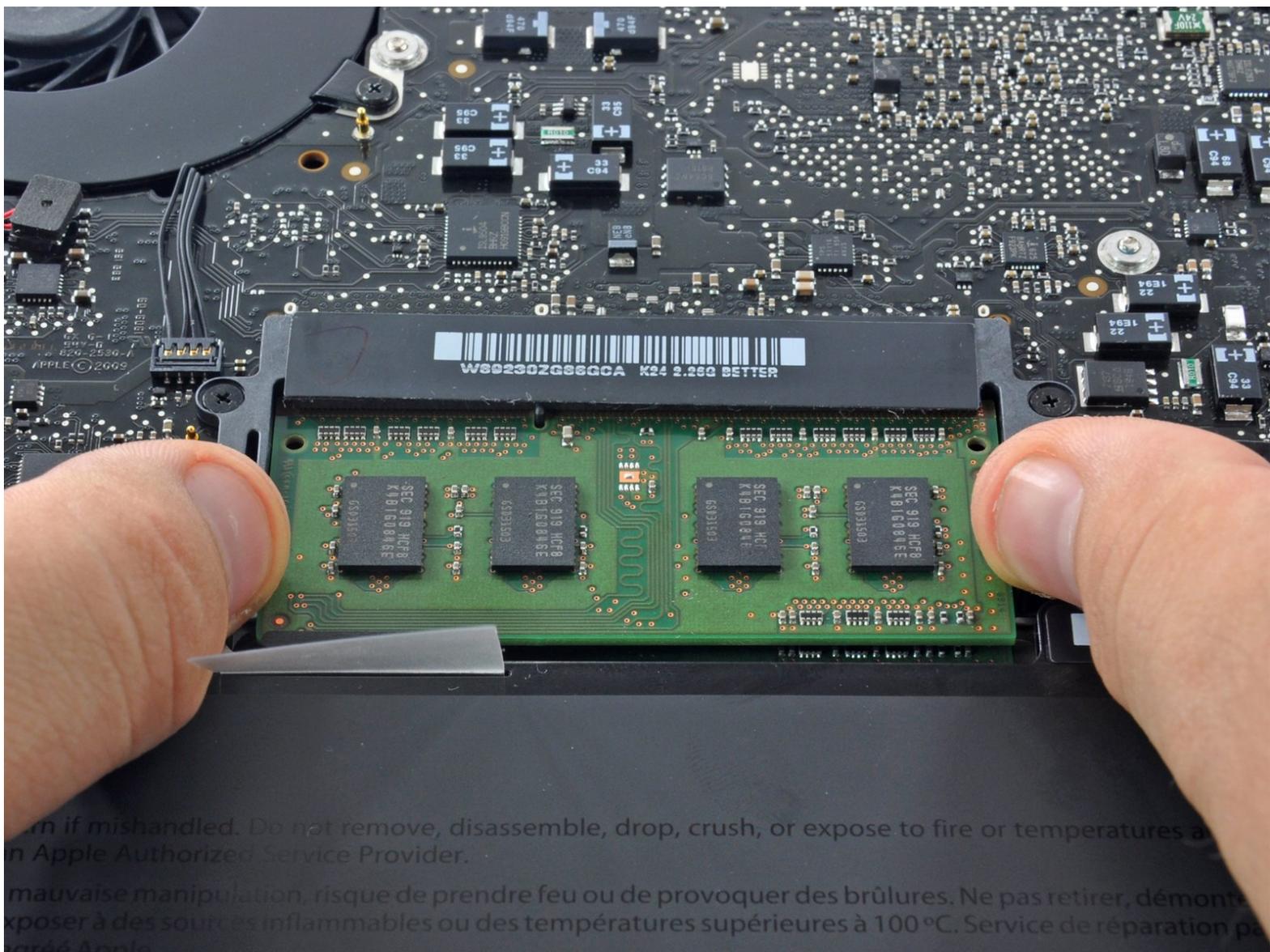




MacBook Pro 13" Unibody Mid 2009 RAM Replacement

Written By: Walter Galan



in if mishandled. Do not remove, disassemble, drop, crush, or expose to fire or temperatures above 100°C. For more information, visit www.apple.com/repair or contact an Apple Authorized Service Provider.

mauvaise manipulation, risque de prendre feu ou de provoquer des brûlures. Ne pas retirer, démonter ou exposer à des sources inflammables ou des températures supérieures à 100°C. Service de réparation agréé Apple.

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.

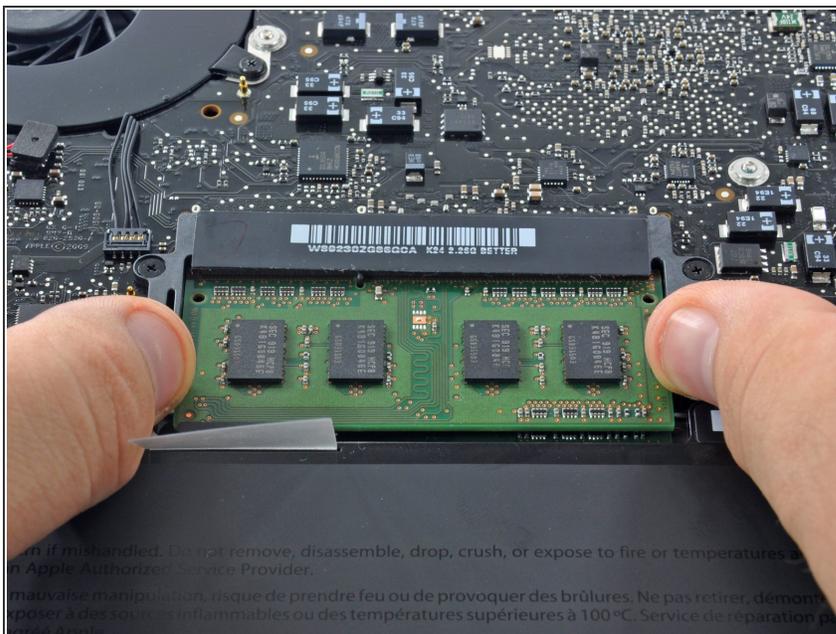
Step 3 — Battery



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

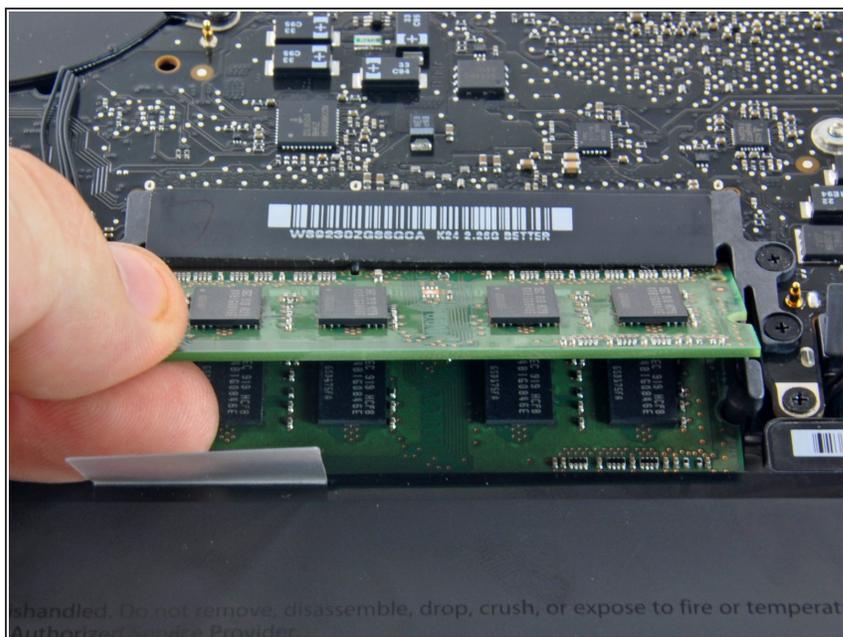
- Use the flat end of a spudger to lift the battery connector up out of its socket on the logic board.

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.