

**Skill Level:**

Easy

**Time to Complete:**

Approximately 10 Minutes

**Required Tools:**

- Small Phillips Screwdriver
- Nylon Pry Tool



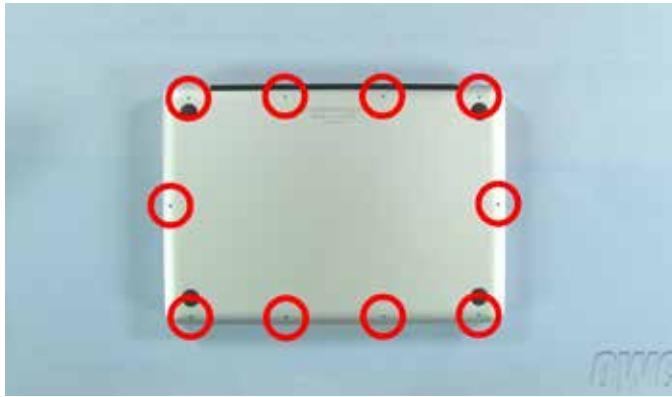
- Perform upgrade using proper anti-static precautions
- Discharge static electricity before beginning
- Work on a static free surface

**Part One:** Removing the Original Memory

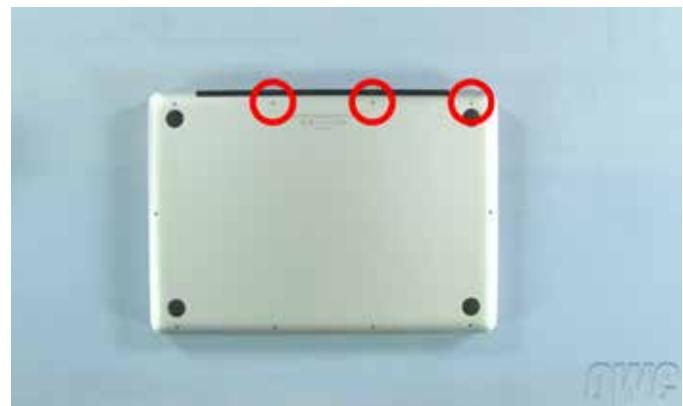
1. The first step is to close the MacBook Pro and flip it over.



2. To access the inside of the MacBook Pro there are 10 Phillips screws to remove from the bottom cover.



3. Start with the 3 screws in the upper right which are longer than the other screws.



4. Then remove the 7 remaining Phillips screws which are much shorter.



5. **a.** The bottom cover can now be removed. Starting near the hinge edge, simply lift up on the bottom cover and set it aside.



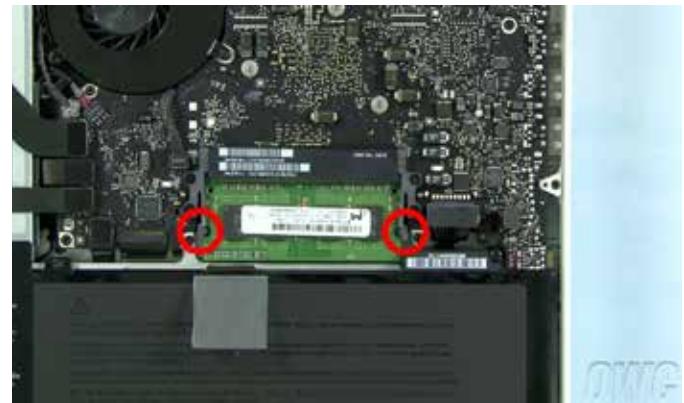
**b.** The memory is located near the middle of the system.



6. First, use a nylon pry tool to carefully disconnect the battery from the logic board.



7. **a.** With the battery disconnected the memory can be safely removed. Simply push out on the two retaining arms until the top module pops up.



**b.** You can then slide the module straight out of the slot.



8. Repeat the process for the lower module.





## Part Two: Installing the New Memory

9. a. To install the new memory, first line up the notch on one of the memory modules with the pin in the memory slot. Then slide the module into the lower slot until it is fully seated.



b. Finally, push down on the module until it clicks into place.



10. With the lower memory module installed, repeat the process with the top module.



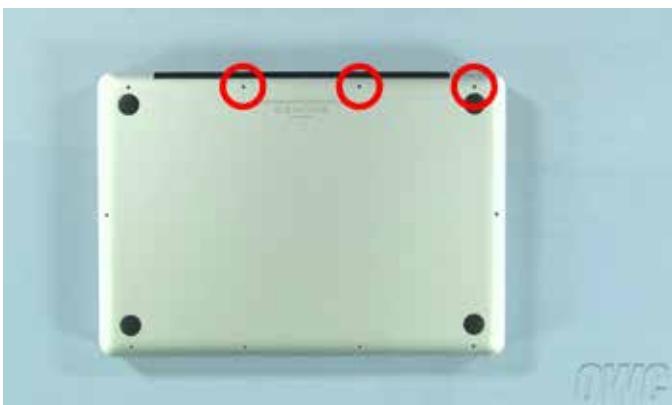
**11.** Finally, reconnect the battery by gently pushing its connector back into its socket.



**12.** Once the battery is connected, set the bottom cover back into place.



**13.** Using a Phillips screwdriver, secure the bottom cover starting with the 3 longer screws in the upper right.



**14.** Then, replace the remaining 7 Phillips screws.



**15.** Once the bottom cover is secure, the MacBook Pro can be flipped over and powered on. The installation is now complete!



Thank you for choosing OWC as your upgrade provider. For additional assistance with this upgrade, please contact our award-winning technical support team, available 24x7. Copyright 2015