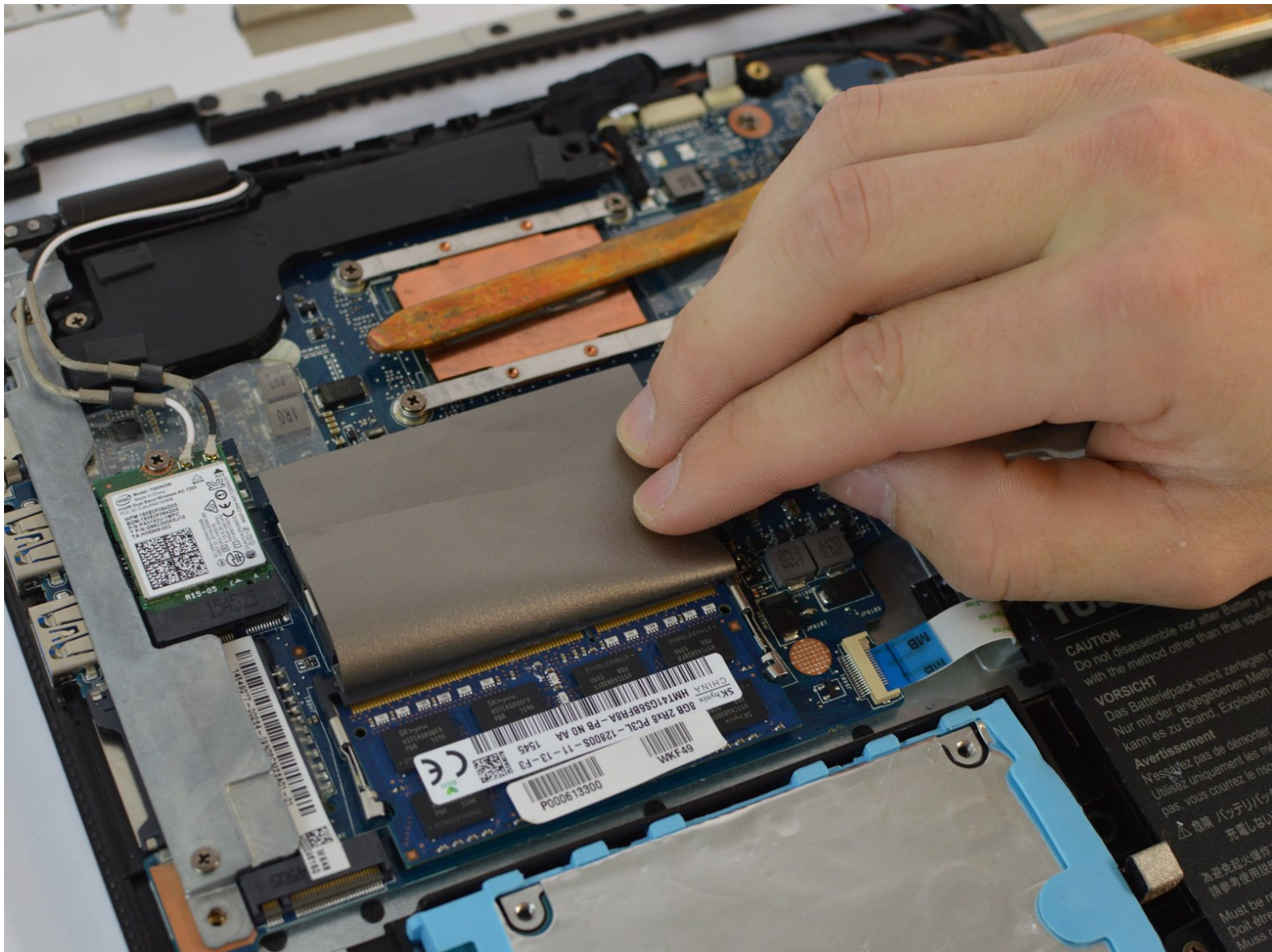




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INTRODUCTION

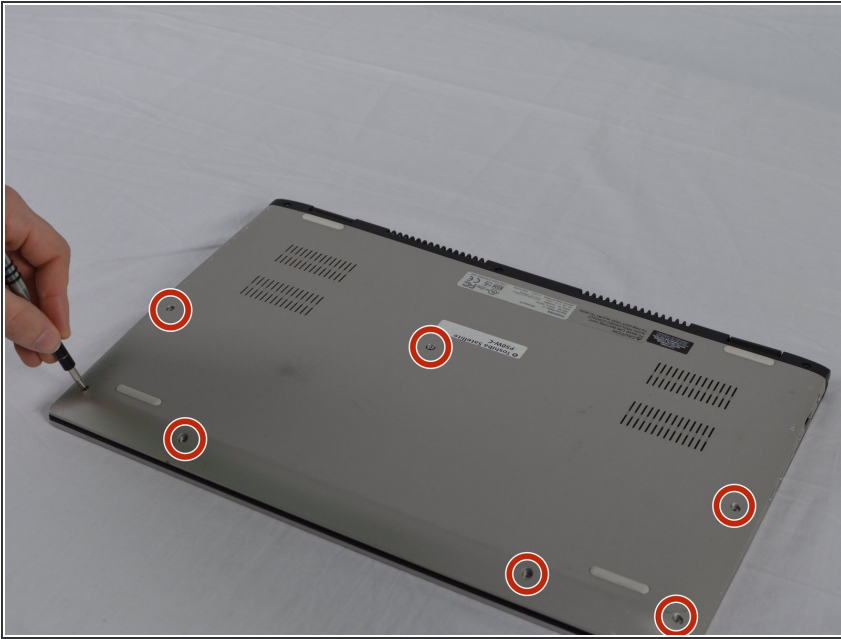
This guide will show you how to replace the RAM. You may need to replace the RAM if your laptop freezes often.



TOOLS:

- [JIS #1](#) (1)
 - [Heavy-Duty Spudger](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Back Cover



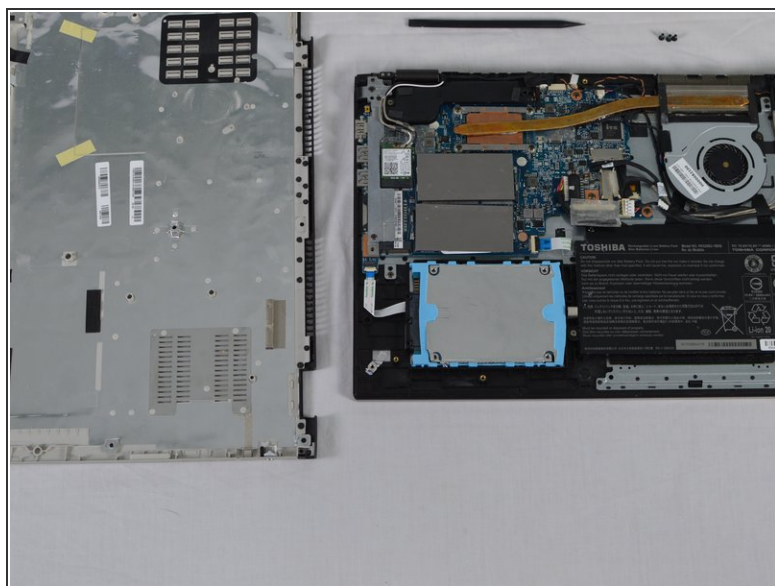
- ⚠ Turn the laptop off, unplug the AC adapter, and any other auxiliary components.
- Turn over the laptop and proceed to take out the seven 5mm silver JIS #1 head screws. If some of the screws are difficult to take out use the tweezers to help.

Step 2



- Use the screwdriver to take out the three 5mm black JIS #1 head screws that are located on the hinge.

Step 3



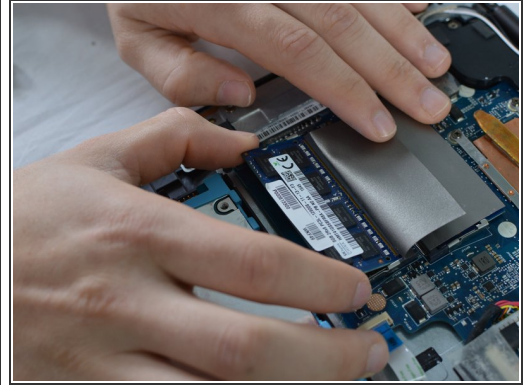
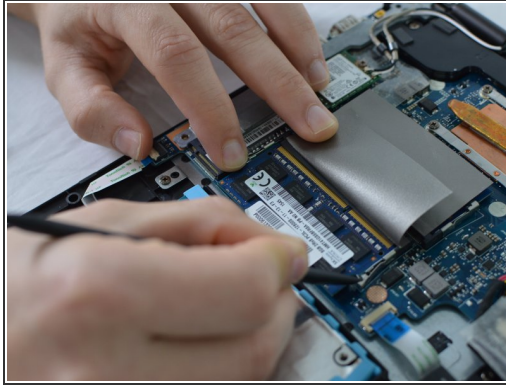
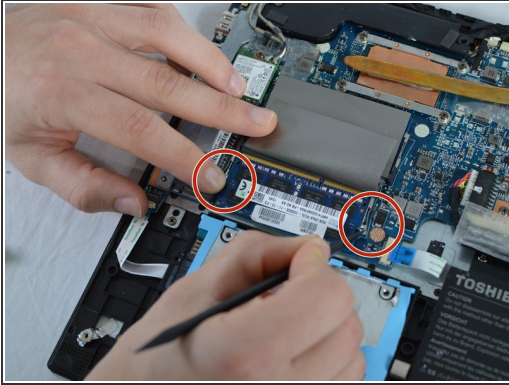
- Use the spudger to pry under the back cover until it pops off.

Step 4 — RAM



- Locate the RAM.

Step 5



- Push outwards on the metal tabs located on both sides of the RAM to release the RAM. You can use the spudger tool if you have any issues.

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