

Hardware: Hands-On

Yale STC New ST Training ITS Technology Troubleshooting Guide

Rules

1. Bracelet & Battery
2. Use a Manual
3. Label Everything
4. Make Clear Screw Guides

Manual?

1. With a manual

- ♦ Easy!

2. No manual - need experience:

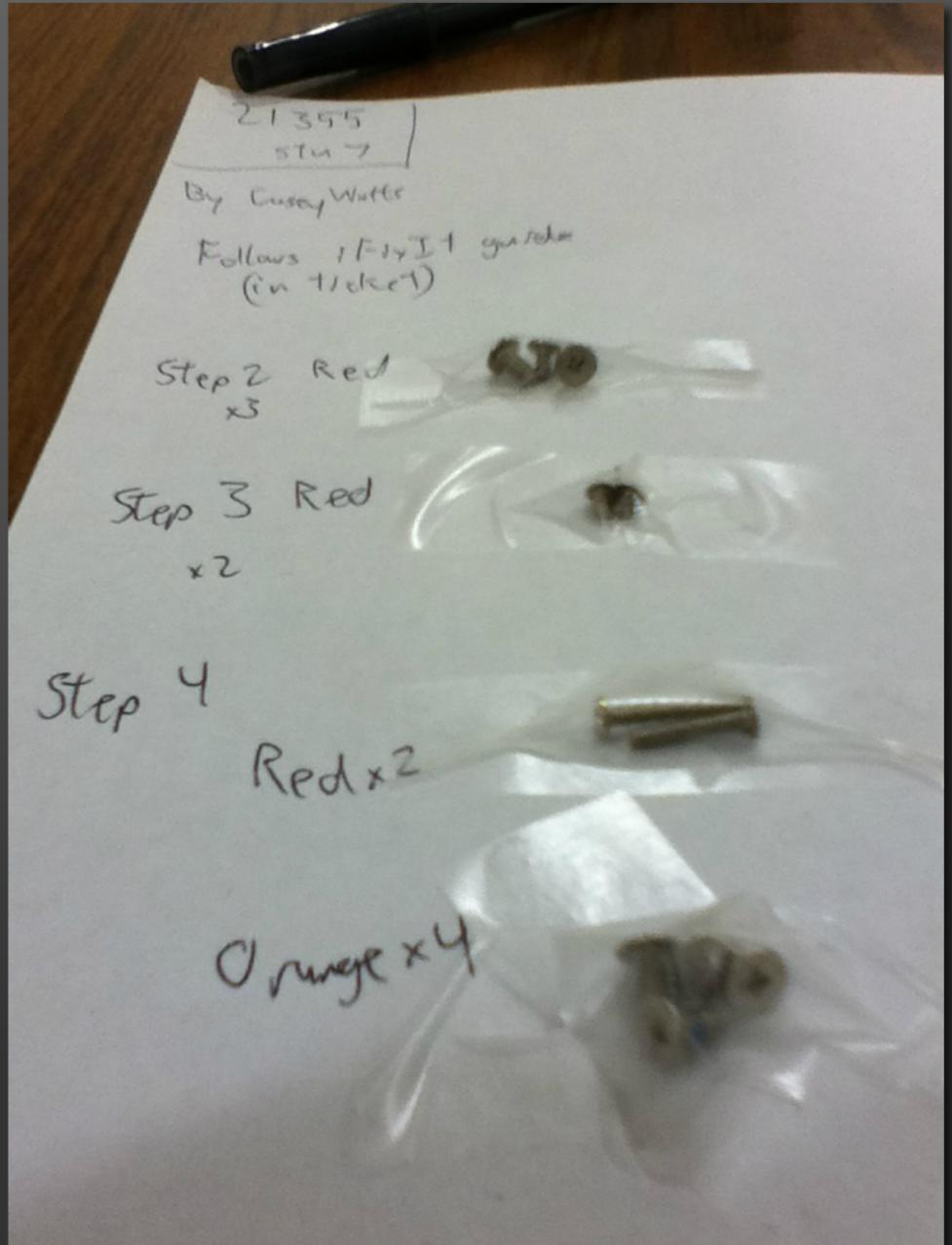
- ♦ how to figure out what's holding something in?
- ♦ how much you can bend plastic of a topcase without breaking it?

Screw Guide

1. By referencing a guide (label: "Step 5A")
2. By meticulous description

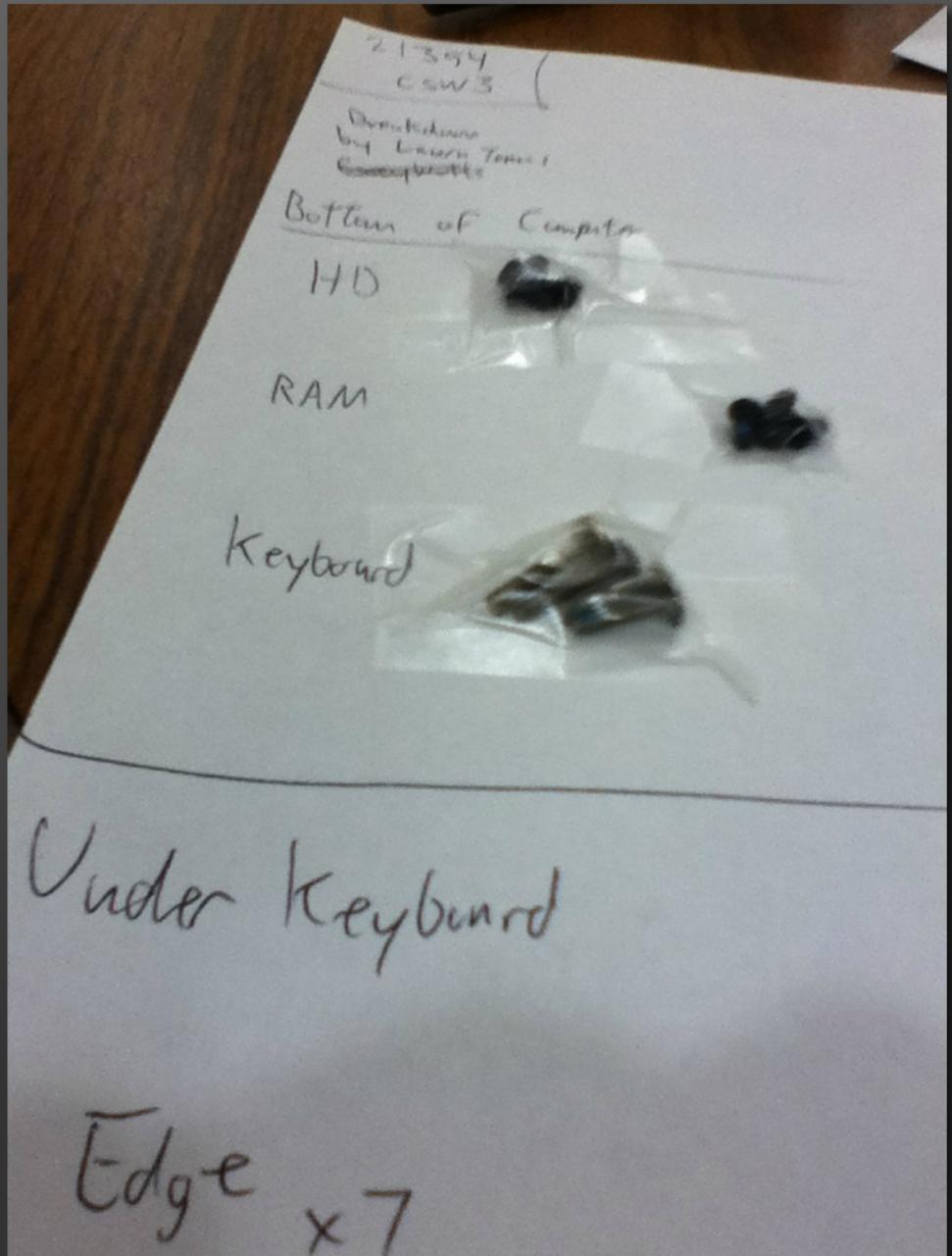
Referencing a Guide

- ♦ "Step 5 Red x2"
- ♦ [http://www.ifixit.com/
Guide/MacBook-
Pro-15-Inch-Core-2-
Duo-Models-A1226-
and-A1260-Hard-
Drive-
Replacement/670/1](http://www.ifixit.com/Guide/MacBook-Pro-15-Inch-Core-2-Duo-Models-A1226-and-A1260-Hard-Drive-Replacement/670/1)



Meticulous Description

- As much as you'd need to put it back together
- "under the keyboard, edge screws x3"



Hands-On

1. Find Manual

2. Bracelet & Battery

- ♦ Label Battery

3. Remove User-Replacable Parts

- ♦ Hard Drive and RAM
- ♦ Label and put in anti-static bags

4. Pass the computer

Hands-On

4. Remove plastic bezel, topcase, & keyboard

5. Disconnecting / Reconnecting Cables

- ♦ Examples of cable types

6. Pass

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7. Reassemble the computer