Install firmware on Xbox One S

Guide created by KimJongIan With help by iFixit...

Written By: KimJongIan

INTRODUCTION

Guide created by KimJongIan

With help by iFixit users Andrew and MervDervis

This guide would not be possible without the script made by user tai1976 from gbatemp.net

---

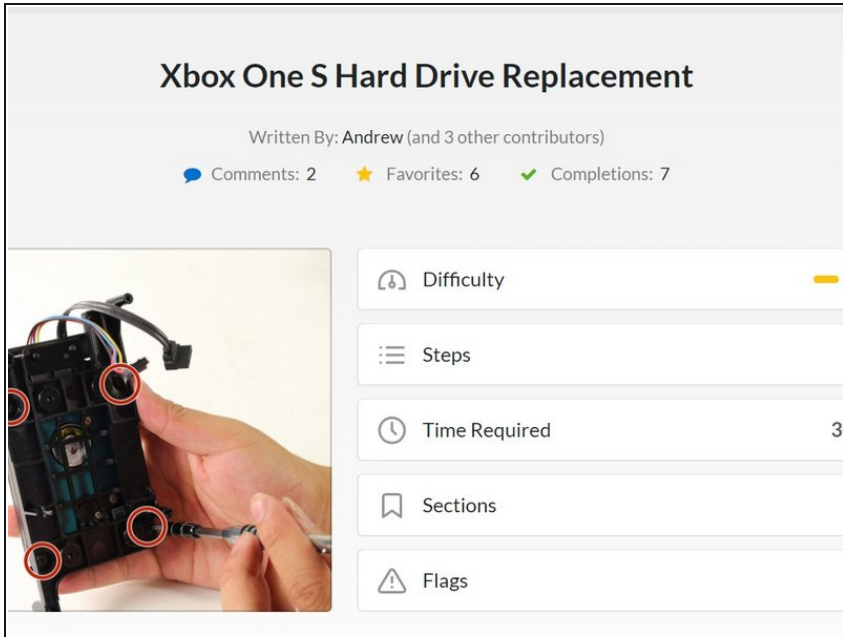## 🔧 TOOLS:

[iFixit Opening Tool](#) (1)
[TR10 Torx Security Screwdriver](#) (1)

Step 1 — Warning

- Before doing any updates or software changes with the Hard Drive connected to the motherboard, make sure that all connections to the board are secure, such as the disc drive, otherwise you will brick the Motherboard, and will require a new one.

Step 2 — Prerequisites

- Before beginning this guide, it is best to read through the steps for the hardware portion, as shown by iFixit user Andrew, at the following link.

- [Xbox One S Hard Drive Replacement](#)

- You will also need a PC running Windows, and a hard drive reader (Sata Data and Sata Power to USB)

- ⓘ Seagate drives have been known to cause issues with Xbox One software.

Step 3 — Connect Your New HDD

- Connect the new hard drive to the PC. Make sure that the HDD is in a location where it will not be accidentally disconnected.

Step 4 — Download the Script
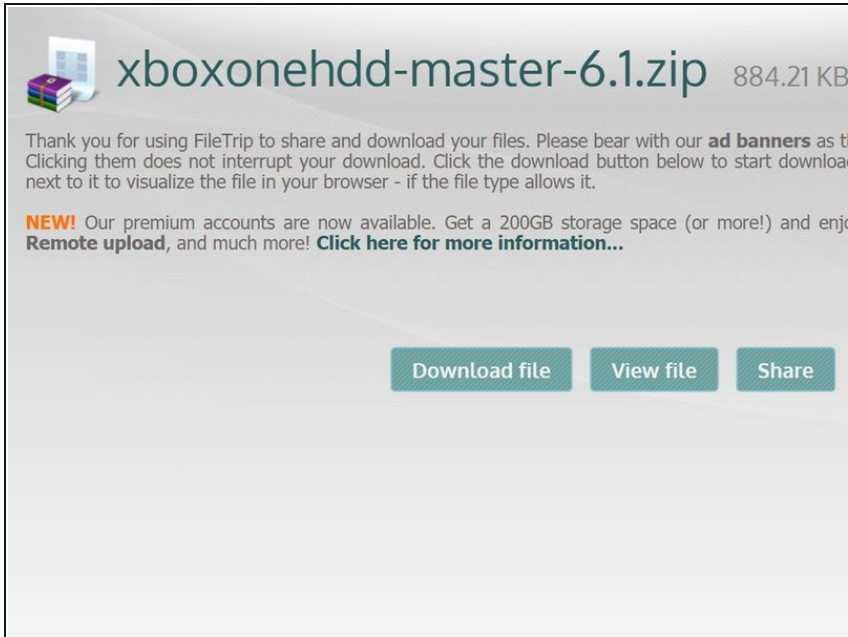
- This process requires you to run a script to partition the HDD/SSD.

- The links below are for both the download, and the original forum post for the script itself, which was created by user tai1976, of gbatemp.net

- Un-zip the file.

- https://filetrip.net/dl?RJsmapOKkV

- https://gbatemp.net/threads/xbox-one-int...

Step 5 — Open Command Prompt as Admin
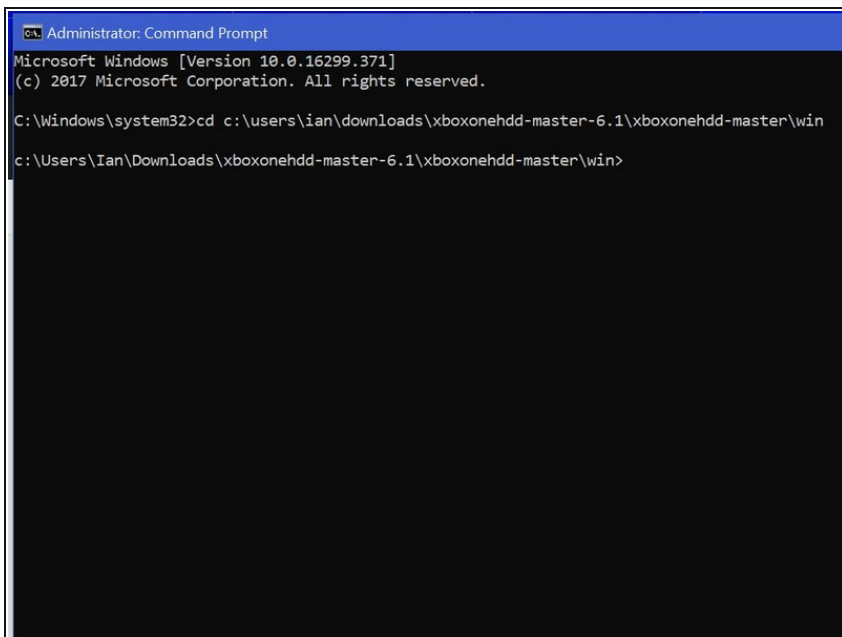
- Press the Windows key/Start menu and type in "CMD", right click, and select 'Run as Administrator"

- Type the command "cd C:\Users\ (Your Name)\Downloads\xboxonehdd-master-6.1\xboxonehdd-master\win"

- Replace (Your name) with the name of your user profile.

Step 6 — Run the Batch File

- Run the command "create_xbox_drive"

- The next steps are to create a drive that has either 500GB, 1TB, or 2TB storage. If at anytime you get confused, there is a readme file in the folder you extracted that can help out as well.

Step 7 — Follow the On Screen Instructions

- For this tutorial, we are using the first option (a) Replace/Upgrade w/o a working original drive.

- Make sure to choose the right drive to format, Disk 0 is almost always your operating system, DO NOT CHOOSE DISK 0.

- It will ask you to confirm your selection.

- Then you will need to choose the size of the drive you have created.

Step 9 — The Command is Complete.

- Once the command line displays 6 lines of long numbers with "GUID" at the top, the command lines is finished.

- If this doesn't work, clean the disk with diskpart, link below, and try again.

- http://knowledge.seagate.com/articles/en...

Step 1: Welcome to the Xbox One System Update Solution

This solution can help you troubleshoot errors caused by an unsuccessful system update on your Xbox One console. It can also help if you need to update your console offline.

Note If your Xbox One console software doesn't update successfully, you may encounter one of several situations. The console might display an error message or error code during or following the update, or the console might not start correctly after the update is complete.

Do you need to troubleshoot a system update error, or perform an offline system update?

I NEED TO TROUBLESHOOT A SYSTEM UPDATE ERROR

I NEED TO UPDATE MY CONSOLE OFFLINE

Step 2: Perform an Offline System Update

The Xbox One Offline System Update (OSU) process allows you to update your console by downloading a file to a USB flash drive and then installing that file directly onto your Xbox One console.

To use the Offline System Update, you'll need:

- A Windows-based PC with an Internet connection and a USB port.
- A USB flash drive with a minimum 4 GB of space formatted as NTFS.

Which Xbox One console are you updating?

ORIGINAL XBOX ONE

XBOX ONE S OR XBOX ONE X

To use the Offline System Update, you'll need:

- A Windows-based PC with an Internet connection and a USB port.
- A USB flash drive with a minimum 4 GB of space formatted as NTFS.

Most USB flash drives come formatted as FAT32 and will have to be reformatted to NTF Note that formatting a USB flash drive for this procedure will erase all files on it. Back u transfer any files on your flash drive before you format the drive. For information about to format a USB flash drive to NTFS using a PC, see How to format a flash drive to NTFS Windows.

1. Plug your USB flash drive into a USB port on your computer.
2. Open the Offline System Update file OSU1.
3. Click **Save** to save the console update .zip file to your computer.
4. Unzip the file by right-clicking on the file and selecting **Extract all** from the pop-u menu.
5. Copy the **$SystemUpdate** file from the .zip file to your flash drive.
   Note The files should be copied to the root directory, and there shouldn't be any other files on the flash drive.
6. Unplug the USB flash drive from your computer.

- You need to go to the XBox official site and download a file called OSU 1.

- https://support.xbox.com/en-US/xbox-one/...

- Select "I need to update my console offline"

- Select "Xbox One S or Xbox One X"

- Click the green link "OSU1" to start the download.

Step 11 — Copy files
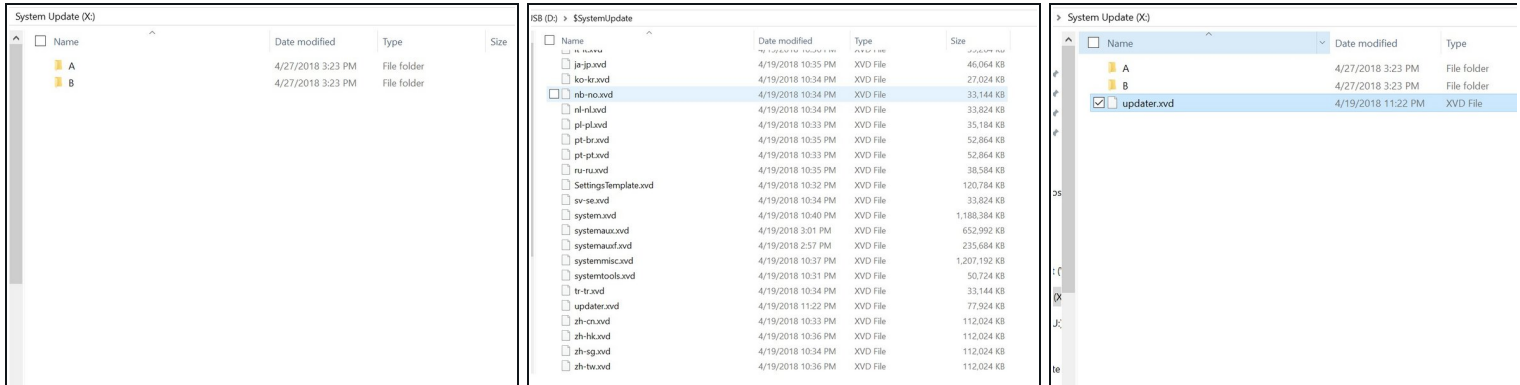
- Navigate to the System Update (X) drive, and create 2 folders, one labeled "A" and one "B"

- Extract all of the files from OSU1, and copy everything in $SystemUpdate, except for "updater.xvd"

- Paste these files in the folders "A" and "B" that you created.

- Copy "updater.xvd" from $SystemUpdate and paste it in the root of System Update (X)

- Note that you will need to download the bootanim.dat and store it in folders "A" and "B" as well. There are two different versions you can download one for OG / S or the X. Without the file the Xbox will boot with a black screen to the menu and not the boot logo.

Step 12 — Put the Hard Drive in the XBox
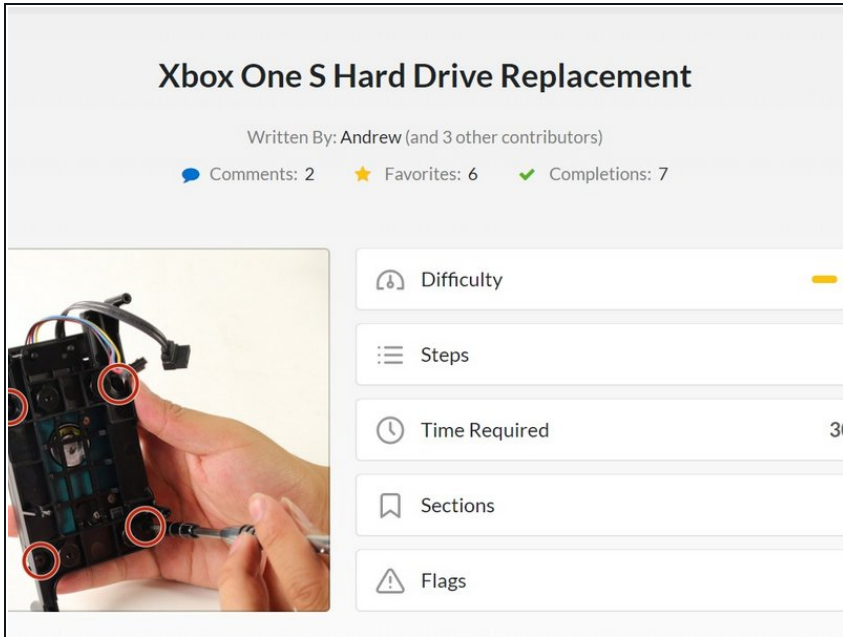
- Safely eject the media and put it back into the XBox

- Reassemble the XBox and then start it up

- [Xbox One S Hard Drive Replacement](#)

- If the XBox gives you trouble, Factory Resetting it will fix it.

- https://support.xbox.com/en-US/xbox-one/...

Step 13 — Reset console
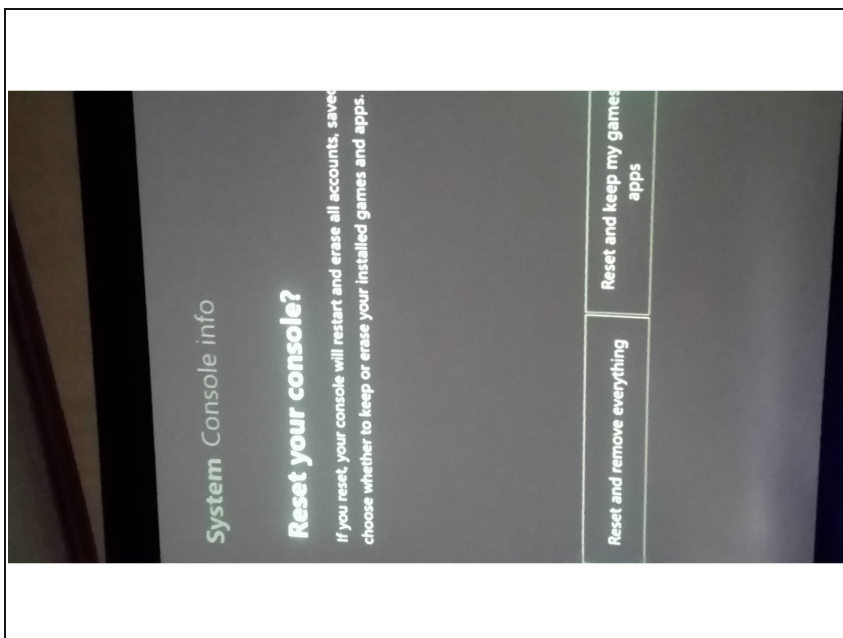
- Some users have experienced sign in issues after an ssd upgrade. If this occurs, simply reset the console (keep games and apps if need be.) and that should resolve the issue.

- Those who have their Xbox set to "energy saving" mode for startup may experience a 20-30 second black screen before boot. Changing this setting to "instant on" resolves this issue.

- Now enjoy 20x faster r/w speeds and loading times a fraction that of a standard HDD.

Step 14 — You are Finished

- You are now finished, enjoy your XBox!

- Note: This does work with Solid State Drives.

To reassemble your device, put the hard drive back in the Xbox One S and reassemble.