HOW TO PERFORM AN ARCHIVE AND INSTALL IN MAC OS X 10.2, 10.3, 10.4 & 10.5

An Archive and Install will NOT erase your hard drive, but you must have sufficient free space for a second OS X installation which could be from 5-9 GB depending upon the version of OS X and selected installation options. The free space requirement is over and above normal free space requirements which should be at least 10 GB

BACKUP Before You Reinstall

Before performing any type of reinstallation, be sure to back up your personal files. Even when using the Archive and Install feature there is always a chance of data loss.

1. Be sure to use Disk Utility first to repair the disk before performing the Archive and Install.

Repairing the Hard Drive and Permissions

Boot from your OS X Installer disc. After the installer loads select your language and click on the Continue button. When the menu bar appears select Disk Utility from the Installer menu (Utilities menu for Tiger.)

After DU loads select your hard drive entry (mfgr.'s ID and drive size) from the left side list. In the DU status area you will see an entry for the S.M.A.R.T. status of the hard drive.

If it does not say "Verified" then the hard drive is failing or failed. (SMART status is not reported on external Firewire or USB drives.)

If the drive is "Verified" then select your OS X volume from the list on the left (sub-entry below the drive entry,) click on the First Aid tab, then click on the Repair Disk button.

If DU reports any errors that have been fixed, then re-run Repair Disk until no errors are reported. If no errors are reported, then quit DU and return to the installer.

2. Do not proceed with an Archive and Install if DU reports errors it cannot fix. In that case use Disk Warrior and/or TechTool Pro to repair the hard drive. If neither can repair the drive, then you will have to erase the drive and reinstall from scratch.

3. Boot from your OS X Installer disc. After the installer loads **select your language** and click on the **Continue** button. When you reach the screen to select a **destination drive** click once on the destination drive then click on the **Option button**.

4. Select the **Archive and Install** option. You have an option to **preserve users and network preferences**. Only select this option if you are sure you have no corrupted files in your user accounts. Otherwise leave this option unchecked.

Click on the OK button and continue with the OS X Installation.

5. After the Installation

After any type of installation there are a number of steps you should take to bring the computer back to a usable state.

(A) Connect to the internet and run Software Updates.
Click the Apple icon in the top left of the screen.
Select "Software Update"
Install all available updates.

(B) Run a quick Repair Disk Permissions.
From the Finder's Go menu, select Utilities.
Open Disk Utility.
Select "Macintosh HD" on the left hand side of the window.
Click "Repair Disk Permissions" and allow the scan to complete.

(C) Restore any files that you backed up to the location of your choosing.

(D) Reinstall any software affected by the reinstall

6. Upon completion of the Archive and Install you will have a **Previous System Folder** in the root directory. You should retain the Previous System Folder until you are sure you do not need to manually transfer any items from the Previous System Folder to your newly installed system.

5. **After moving any items you want to keep from the Previous System Folder** you should **delete the Previous System Folder.**
   You can back the Previous System Folder up if you prefer, but you must delete the Previous System Folder from the hard drive.

6. You can now download a Combo Updater directly from [Apple's download site](#) to update your new system to the current version.

HOW TO PERFORM AN ARCHIVE AND INSTALL IN MAC OS X 10.2 'JAGUAR'; 10.3 'PANTHER'; 10.4 'TIGER' & 10.5 'LEOPARD'

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