Before following, it is recommended that you DISCONNECT any internal or external hard drives/SSDs/Flash Drives/etc. except your main Windows Drive and the TiVo Drive before restoring so you don't accidently overwrite the wrong drive.

NOTE: If you have Google Drive for Desktop installed, close it for the time being. DVRBars will not work if it is running.

**Prerequisites**

* A TiVo (duh)
* A computer running Windows XP or later with an IDE controller or a IDE2USB adaptor (Series 1/2)
* A computer running Windows XP\* or later with a free SATA port or a SATA2USB adaptor (Series 3/4) (\*Windows 7 or later required for restoring drives above 3TB)
* WinMFS v9.3f or DVRBars (depends on what model you are restoring)
* A blank/formatted hard drive **that is either the same size or bigger then the original TiVo hard drive** (or you can use the original drive if it still works)
* The correct restore image for your model (very important)

**Series 1:**

NOTE: Series 1 TiVos can only be used for making manual recordings from a line-in/coaxial input. It can no longer connect to the TiVo Service since September 2016, regardless of whether you have Lifetime/All-In or not.

* Run WinMFS in Windows under an administrator user.
* Select the drive to use, if it's not mounted, blank, or already has a TiVo OS installation on it, it will be listed, if not, then the mounted button (Do NOT select your Windows Drive. It will be overwritten.)
* Go to File, Restore, and select the downloaded file. It should only take about 2-5 minutes to complete. Click YES when asked to expand. (If you get “Error writing media inode 1”, format the drive so it’s unallocated. **Do NOT select MFSSuperSize, it will mess up the install.)**
* Put the drive back into your TiVo. It should take 1-2 minutes to boot.
* After booting, delete all the recordings titles in the Now Playing list. (If you don’t, the TiVo will think it’s out of disk space)
* Enjoy!

**Series 2 and 3 (HD) TiVos:**

NOTE: Your TiVo must have an active subscription or Lifetime/All-In service in order to use it to record programs, and use the TiVo service. If you want to check if your TiVo has Lifetime/All-In, you can start a live chat or call TiVo Support and give them your TiVo Service Number which is on a sticker on the back of the unit. An unactivated TiVo isn’t very useful, as they can no longer be activated.

NOTE: Some older Series 2 images were ripped from Maxtor drives which are ~41/81GB instead of 40/80GB. These images will not work on any drive that is exactly 40/80GB. Please use a bigger hard drive if you run into this issue.

* Run WinMFS in Windows under an administrator user.
* Select the drive to use, if it's unmounted, blank, or already has a TiVo OS installation on it, it will be listed, if not, then the mounted button (Do NOT select your Windows Drive. It will be overwritten.)
* File, Restore, Select the downloaded file. It should only take 3-5 minutes to complete. Click YES when it asks to expand. (If you get “Error writing media inode 1”, format the drive so it’s unallocated)
* Go to Tools/SuperSize in the menu and click “ON”
* Put the drive back into your TiVo. It should take 5-6 minutes to boot. **(SVR-3000 only: The TiVo will display a Green Screen while doing the first boot, this is normal, so do NOT unplug the TiVo when this happens, it’ll eventually boot normally)**
* Depending on the restore image, you may boot into Guided Setup or TiVo Central. Go through Guided Setup if you need to, and install an update when it asks to.
* If you get an error message saying no information can be found for your ZIP Code, wait a little bit and then forcibly reboot your TiVo by unplugging and replugging it. It might need to perform a software update. After that, go through Guided Setup again.

**If you mix up restore images (e.g. a TCD230XXX image on a TCD240XXX) then you will get stuck at the “No information exists for zip code XXXXX” screen. Please use the correct restore image.**

* When done, look in System Information for "TiVo Service Number" which may say "Not Available 000000000." If so, you would need to use "Clear & Delete Everything", which would be under Messages & Settings / Restart or Reset System. Then, you need to go through Guided Setup again. This is needed in order to properly connect to the TiVo Service.
* Enjoy!

**Series 4 (Premiere):**

NOTE: Your TiVo must have an active subscription or lifetime service in order to use it to connect to the TiVo Service, get guide data, and get through Guided Setup. If you want to check if your TiVo has lifetime, you can start a live chat or call TiVo Support and give them your TiVo Service Number which is on a sticker on the back of the unit. An unactivated TiVo isn’t very useful, as they can no longer be activated.

* Download the .zip file in this folder, correlating to the hard drive size you want.
* Unzip the contents from the file.
* Connect your hard drive to your computer.
* Run DVRBars under an administrator user.
* Click Restore, then “Quick Restore”
* Find and select the VHD image you downloaded.
* Select your hard drive.
* Wait for the restore to complete. This should take around 5-10 minutes to complete.
* Put the hard drive back into TiVo. It should take 5-6 minutes to boot.
* Run Guided Setup and enjoy!

**Don't see your model's restore image in the archive?** If your model has the same 3 numbers after the "TCD" as a restore image in this archive (e.g. TCD240080A, TCD540140) then it is safe to use that image on your unit. Check the Restore Image List if you're not sure. If not, and if your original drive still works, make a truncated backup using WinMFS and restore it onto the new drive. And while you're at it, contact us (gamerplush1@gmail.com), send us your restore image, and we'll put it in the archive. Thanks for contributing!

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