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Ps4 disc drive replacement guide

Time required 10 - 15 minutes Bottom cover 3 steps Power supply 8 steps Disk Drive 4 steps Time required 30 minutes - 1 hour When replacing the hard drive, you can use a standard SATA II hard drive or use a hard drive (flash) no more than 9.5 mm. Since system update 4.5, you can now use an external hard drive to store games and stored data. The external hard drive must be USB 3.0 and at least 250GB of storage with a maximum allow of 8TB. Below are the installation instructions. Whichote any unit you choose, the upgrade process is very easy and requires no technical knowledge. Depending on internet speed, the combined file and drive download switch should take no more than 15-20 minutes. If you follow these steps, none of the saved data or digital games will be lost, and the upgrade should ensure that you have enough space to store your favorite games and media. The standard PS4 hard drive is 500GB 5400 RPM SATA II hard dri, while the PS4 Pro includes a 1TB drive. You can replace either hard drive with a hard drive that meets these standards, is not thicker than 9.5mm, and is larger than 160GB [1]. Since HDD prices have dropped significantly, you should definitely consider a drive that gives you enough space like the 2TB version. Replacing your hard drive with a compatible device does not guarantee your PS4 system. You can also upgrade to a faster 7200 OTPM SATA II hard drive. Note that the SATA II is sometimes called the SATA/300 or SATA 3.0 GBps. The newer SATA III drive (SATA/600 or faster) will work well on the PS4, but you won't get a speed advantage because it will work at SATA II speed. For more details about compatible hard drives, see: Third-party PS4 hard drive solutions. Some popular Hard Drives compatible with PlayStation 4 are: Note that the images below show the installation for samsung seagate momentus 2TB drive, but the drives look very similar and the process is the same. Note: PlayStation 4 supports connecting external hard drives or USB storage devices. You can play games outside of external storage, but make sure the connection is not broken while you're playing. To change the installation location to an external hard drive or USB storage, go to Settings > Storage, and then press Options. Here you can select the location of the app installation and choose an extended storage device. If you want to use a hard drive that you already own that doesn't match the PS4 size limits, you can of course connect it with an SATA cable instead of a built-in hard drive, but that would mean leaving the top of your PS4 open. So a better way remains swapping from the inside drive completely – and it's easy. Note that a third-party drive upgrade solution nyko made for PS4, called Nyko DataBank, is also on the horizon, but we haven't tried it yet. Teh allows the use of physically larger units that would otherwise not fit into the ps4 drive position. With the addition of external hard drive support, you can now use any USB 3.0 hard drive with a minimum of 250 GB and max. Now there are a large number of options to expand ps4 storage. Here are some of the best external hard drive options 2018 for PS4 and PS4 Pro: WD My Passport 4TB Portable Hard Drive Samsung SSD T5 500GB (For those looking for an external SSD option) WD 2TB Elements Portable External Hard DriveThis is not regardless of what solution you choose because you are completely replacing the drive, you will lose all data stored on the (old) hard drive. This includes wifi settings, installing games and apps, storing data and other local user data. But don't worry: you can make sure you don't lose anything by creating backups and reinstalling games you own. The process, which is described in detail below. Keep in mind that your account settings are stored in your PSN account, so once the new hard drive is in place, you can add your account to your PS4 system again and sign in. Once you've signed in, you can re-download all the games and downloadable content you purchased from PlayStation Store. Disc games will need to be reinstalled by inserting them one by one. You should back up your saved games to a USB device or the cloud (available to PS Plus users). The steps to do this are described below. Materials: Phillips head screwdriverComputer with internet accessUSB flash drive (minimum 2 GB) 2.5 inches (internal type) serial ATA hard drive (HDD) (parallel ATA not supported)Directions:1. Go to playstation.com and search for the latest system software. The current page is here: (US) or here: (UK). Scroll down to find this section:Click the link (it's circled in red in our picture). There are several system software files on sony's system software page - version updates and full installations. Make sure you find the latest version (the page will show the latest version number up – but downloading the files listed at the top is usually an update, not the full installation you'll need to replace your hard drive). Locate the full installation listed in Perform a new system software installation because a smaller update file will not work for the new installation. The file should be closer to the size of 1 GB (some previous versions were around 700-800 MB, while the update files are around 300 MB). Download 700-800 MB of system recovery/new software installation. The latest download is this if you are having trouble finding it on your own. There is no danger in the PS4 system using the wrong installation file if you downloaded it from playstation.com - system will call you if it is a bad installation file (e.g. upgrade or file). However, do not download system software files from other websites!2. First, test your USB drive using your PS4 system. Make sure it plugs into one of the USB ports on your PS4 - some drives are too thick and can't be inserted all the way. If the disk works, go to the next step. 3. Connect the USB drive to your computer. You can use a PC or Mac, but you need to make sure that the USB stick is formatted as FAT or FAT32 to avoid problems. Most flash drives come preformatted and should be ready to go, but if you want to be sure that clearing and formatting the disk takes only a few seconds and the system can return an error with other formats. On your computer, right-click the drive and select Format from the menu. On your Mac, use disk utility to erase and reformat using MS DOS (FAT) systems and the master boot record schema. 3. Create a folder named PS4 (all caps) on a flash drive. In this PS4 folder, create another folder named UPDATE (all caps). 4. Move the downloaded system software to the UPDATE folder. The file name is PS4UPDATE. Puppy. If the file name is different (possibly because you have multiple instances of update files on your computer), be sure to change it back to that name before going back to that name. Safely slide out the USB flash drive. On your Mac, press the extrusion button next to the disc in the Finder. 5. It's time to back up the data stored in the game for PlayStation 4. You can back up your saved items either to another (or the same) USB storage device or, if you have PlayStation Plus, to the cloud. Either way, go to Settings, Manage saved app data, and then select System Storage and copy the stored data to a USB storage device or the cloud. You're about to remove your old hard drive. If you want to sell it or pass it on to someone else, remember that it still contains all users and stores data. If this is a problem, be sure to delete all data after you create backups. You can do it from your PS4 or via computer.6. Turn off your PS4. If the yellow light is on, the system is still in standby mode. Hold down the off button until it shuts down completely. Then unplug the power cord and remove any other wires that may get in the way of working on the system. 7. Remove the left side of the PS4 case by simply squeezing and swiping to the side, as shown in the figure. The entire left part of the cover can be removed. It's not on the reels - you can pick it up and turn it off as soon as you're pointing it to the left. 8. Look at the head of the screw with the PlayStation button symbols on it. It's a big philips/cross-style screw in the left front of the PlayStation. Holds the hard drive case in place inside the PlayStation 4 system. Remove this screw. 9. Pull out the default hard drive by pulling it forward - it should slip freely. 10. Now you need to remove the hard from its cover. Don't worry, it's super easy. There are four screws, two two on each side. Remove them, as shown, and leave small rubber parts in place. You should have four screws plus a PlayStation silver screw to keep you safe. Remove the hard drive from the case and replace it with a new hard drive. Make sure that the screw holes are in all sides and use the screwdriver to undo everything. 11. Reinsert the caddy from your hard drive with the new hard drive into your PlayStation 4 system. Slide it all over and screw the engraved PlayStation screw back on. Replace the cover. 12. Reconnect your PlayStation 4 system to your TV and reconnect the power cord. 13. The PS4 has two USB ports on the front. Plug the USB flash drive into both ports and the Dualshock 4 controller into the other using the controller's charging cable (or other USB cable). 14. Hold down the power button (the top of the two hidden buttons located in the crack between the two halves of the PS4 system) for 7 seconds to start safe mode. 15. The safe mode options screen appears. Use the driver to select the bottom option: Initialize ps4 (Reinstall System Software). 16. It may take a few minutes for the action to be performed and the reinstallation process to begin. If you receive an error message at this point, it probably applies to the version of the system installation software that you have on your memory card (get the latest version of the full installation, not the upgrade), or the directory (make sure it's ps4, UPDATE), or format (FAT32). After the installation is complete, log back into your PSN account and complete the initial setup. This includes time and date settings, internet/wifi settings and some basic options. From there, you can restore game installations from discs and the game is saved from a USB stick or from the cloud. Game recovery saves are done through the Setttings screen. Select Manage saved app data, and then select a source (USB or cloud) to restore each title's data. To reinstall games downloaded from PlayStation Store, simply go to the store app and access the Library option. You can choose which games you want to download again. Note that sometimes you have to dive into My Content to download each game to download DLC content that you previously installed. That's it! Congrats. The PS4 Pro hard drive is functionally almost identical to the PS4 for replacement purposes. The only real differences are in the location of the hard drive in the chassis and the shape of the mounting bracket. First, follow steps 1-6 above. Before you begin, make sure your PS4 is turned off and disconnected. The Pro hard drive is hidden behind this panel on the back of the PlayStaton 4 Pro.The card for fine plastic removal is close to the Ethernet port. Pull the card to reveal the HDD bay. You'll see one screw. Carefully remove it with a phillips-headed screwdriver to open the bay. Slide out the hard drive. Now you'll be remove it from the mounting bracket by unscrewing the four screws that hold it in position. Replace the hard drive with a new disc in the mount that corresponds to the mounting points and gently replace the screws. Gently but firmly insert it into the hdd slot and secure the screw to the PS4 Pro case, then replace the plastic panel. Then continue to steps 12 and further from above. Make sure you have a flash drive nearby! By!