**Installing TWRP/CWM Recovery and Custom Kernels/ROMs**

By

Regards

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All of the instructions below require your bootloader to be unlocked. Please follow the guide above and return here when you're done.

**Installing A Rom (Or Kernel/Radios/Tweaks/Themes/etc.)**

Note: backing your phone up before attempting!

This guide will also work for flashing kernels/radios/themes/tweaks/etc. Simply ignore the part about wiping data and wipe whatever the thread says you should. You only need to restore data after a rom install.

Find a Rom You'd Like To Try:

[Nexus 4 Original Development](http://forum.xda-developers.com/forumdisplay.php?f=1912)

[Nexus 4 Development](http://forum.xda-developers.com/forumdisplay.php?f=1911)

Download the rom you'd like to try on your device.

Most roms also require you to install "gapps" as well.

You can find the correct ones for the rom you're using in the rom thread.

Make sure the Rom and Gapps are on your SD card.

Now, open Google Wallet (if you have it installed) and press Options>Settings>Reset Google Wallet. This will prevent the "Secure Element" errors some users have [experienced](http://www.droid-life.com/2012/05/29/a-simple-factory-reset-could-break-your-google-wallet-forever-learn-how-to-safeguard-your-info/).

Boot into ClockworkMod Recovery by turning your device completely off. Hold volume up, volume down, and power until the green Android with the open chest is displayed. Navigate to "Recovery Mode" with the volume buttons and select using the power button.

Remember to have a recent nandroid before continuing!

Navigate to "wipe data/factory reset" and select it. Select "yes."

Wait for the process to complete. This may take some time. Be patient!

Once complete: Navigate to "Install Zip from SD card" and "Choose zip from SD card."

Find the rom's .zip and install it. Once that completes install any applicable gapps' .zip.

Select the "Reboot" option.

Congratulations! Your phone should now boot into the custom rom!

Follow the prompts to re-activate your phone.

**Installing Alternate Custom Recoveries**

If you find a custom recovery (such as the touch-recovery options) that came as a .img file:

Use these instructions to flash. Plug your phone into the computer. Open up ADB. Move the .img to the C:\android-sdk-windows\platform-tools folder.

Type the following:

Code:

adb reboot bootloader

(Hit Enter)

You can also manually boot to the bootloader by powering off and holding volume down, volume up, power buttons until the green Android with his chest exposed is displayed.

Then type:

Code:

fastboot flash recovery FILENAME.img

(Replace the file name with whatever the .img is called and Hit Enter).

Wait for the process to complete and reboot.