

---

# Samsung Captivate Guide

Version 2.0

nbs11 ([donate](#))

Thanks to the many people on XDA for providing these methods.

---



## **What is required:**

For the entire guide I am assuming you have already rooted. I am also assuming that you have USB debugging enabled.

Additionally, you **MUST** have the android SDK downloaded (it will show you how in the guide). This file should be in the root location of your hard drive (C:\ on a PC the topmost directory of your hard drive on mac). Rename is 'sdk'

## **About this guide:**

Yes, there are different ways to do each step, but I have chosen the way I think is the easiest way to do each step. I stay away from all in one apps because they do not let you choose what steps to do.

## **Copyright:**

Copyright nbs11. Do not sell or distribute this guide without proper credit.

## **Credits:**

I came up with some of these methods; however, most of them were created by various people on XDA Developers and I just wrote the guides. Please give those people credit for the methods in this guide.

**Please Donate.** I spent a large amount of time on this guide and I am providing it free of charge, but I would really appreciate if you donate. Your donations will determine if the guide will stay updated or not.

You can donate via PayPal here:

<http://bit.ly/cplmLk>

# Table of Contents

<b>Install Drivers</b>	<b>2</b>
<b>Root</b>	<b>3</b>
<b>ClockWork Recovery</b>	<b>4</b>
<b>Sideloadng</b>	<b>5</b>
<b>Remove AT&amp;T Applications</b>	<b>6</b>
<b>Market Access</b>	<b>8</b>
<b>Unlock</b>	<b>9</b>
<b>Desktop Syncing</b>	<b>10</b>
<b>Battery Optimizations</b>	<b>11</b>
<b>Launcher Pro</b>	<b>12</b>
<b>Wireless Tethering</b>	<b>13</b>
<b>Super Circle Battery</b>	<b>14</b>
<b>Increase ‘Screen Space’</b>	<b>17</b>
<b>TV Out</b>	<b>18</b>
<b>ODIN</b>	<b>19</b>
<b>Note on Lag and GPS Fixes</b>	<b>20</b>

---

# Install Drivers

Install the drivers necessary to continue this guide

## DIFFICULTY: EASY

---

As with any piece of hardware, in order to use the device properly you must install the proper drivers first. If you use a Mac you do not need drivers, however, USB Debugging must always be on. You can toggle this setting by going to settings>applications>development>USB Debugging. Even if you use a PC you should have this on the entire guide. Also, for simplicity's sake remove any external SD card.

### PC

*For PC you can either use Samsung Keis or just the drivers, but I choose to use just the drivers.*

1. Download this file: <http://bit.ly/asqnoL> if you have a 64 bit PC or this file: <http://bit.ly/gosxg6> if you have a 32 bit PC.
2. Install them following the directions given.

### Mac

To connect to the device simply plug it in and it will mount to finder assuming you have USB Debugging enabled.

---

# Root

How to root your phone

DIFFICULTY: EASY

---

*Warning this step may brick your phone. I am not responsible for any damage.*

Rooting your phone allows applications to access the root (administrator) commands. By default this is not available. Doing this will void your warranty, but it allows you to do many new things to your phone such as deleting the AT&T applications.

## How to Root:

1. Download the file below from here using the mirror of your choice.

<http://bit.ly/ddGoUq>

2. Open Finder or My Computer (depending on your OS) and click on the drive that now mounts when it is plugged in without drag the file you just downloaded into the root directory (don't put it in a folder).
3. Eject your phone and unplug it.
4. Turn your phone off, and then to turn it on hold both the up and down volume buttons and the power button together. It will now boot up in a blue menu.
5. Using the volume rocker select reinstall packages and press the power button to enter.
6. Allow it to update and restart when it is done.
7. Check for the app **Super User** when you are done. If it is not there then try again.

---

# ClockWork Recovery

For when you inevitably screw up your phone.

**DIFFICULTY: MODERATE**

---

To do this you must be rooted. First you need to go pick up Rom Manager from the Android Market. Install it like any other application and then open it. Also, make sure your phone is not plugged into your computer (or at least that your internal storage is mounted on the phone). Take out any External SD Cards if you have not done so already.



## How to Install ClockWork Recovery:

1. On the menu there should be an option labeled “FLASH CLOCKWORK RECOVERY.” Press it.
2. Once a popup says that it has been succesful press “BACKUP CURRENT ROM”
3. Your phone will now restart and backup your ROM
4. If your phone does not start backing up and instead boots into a blue menu use the volume keys to select reboot now and then press the power button. Try to do all the steps again.
5. Wait for it to finish and then it should restart.

## How to recover from backup:

1. Turn your phone off and then hold down the up and down volume buttons while pressing the power button.
2. A blue menu will appear. Scroll the menu with the volume buttons and select reinstall packages. Press the power button to select and a green menu will show up.
3. Scroll to Apply sdcard: update.zip and press power to select

---

# Sideloading

How to install apps from that are not from the Android Market

DIFFICULTY: MODERATE

---

There are many ways to do this, but I have chosen the easiest way for each OS. Yes you will have to do this each time so it is not technically a permanent fix, but it is much simpler and sufficient for most.

## PC

Download and install Sideload Wonder Machine. Do what it says and it should work.

<http://www.androidcentral.com/sideload-android-apps-all-you-want-sideload-wonder-machine>

## Mac

1. Download the Android SDK from here: <http://developer.android.com/sdk/index.html> and unzip the file and drag it onto your hard drive. For simplicity drag it into the top directory of your hard drive so you don't need to remember a long file path. Rename the file to "sdk".
2. Open up terminal and type in "cd /sdk/tools"
3. after pressing enter type in this: "./adb install" but before pressing enter drag the .apk file you wish to install into terminal. Then press enter. Wait a minute and it should be installed.



---

# Remove AT&T Applications

These applications will slow down your phone. Delete the ones you will not use which for most people is all of them.

**DIFFICULTY: EASY**

---

To do this part of the guide you must be rooted, and must have Titanium Backup installed. So either head over to the Market and install it, or scan the QR code below. Either way you must have it.



*You can scan this code with a QR scanner from the market*

## How to Use:

1. When it is done downloading open it and press the problems button.
2. When prompted with an information box press yes to do it.
3. When it is done go to the top and press backup/restore
4. Find any of the following applications that you want to delete. IF YOU DON'T KNOW WHAT IT IS DO NOT DELETE IT BECAUSE YOU MAY WANT IT LATER. There are other delete-able apps, but I recommend you keep them.

- At&t Navigator
- At&t Radio

- At&t Maps
- At&t Music
- At&t Mobile Hotspots
- Mobile Banking
- Mobile Video
- Where
- YPmobile
- At&t FamilyMap
- Mini Diary
- MobiTV
- Write and Go
- Media Hub
- Daily Briefing

5. Click on the respective item and press uninstall.

6. Do the same for each other item you want to uninstall.

7. Enjoy your crap free device.

---

# Market Access

To enable censored applications

DIFFICULTY: EASY

---

AT&T censors a lot of applications that show up on the T-Mobile and Verizon markets. There is a easy way around called market access. It allow you to emulate another carriers SIM card.

*This requires root. There is an option to emulate on boot but I would suggest not to. **IT IS IMPORTANT THAT YOU CLICK BACK UP VALUE BEFORE CHANGING.***



Download market enabler from the market either by search or QR code and then continue.

## How to use:

If you want an application that is available on T-Mobile (most of them) press providers and then “T-Mobile USA”. When you are done with downloading you app go back to the main tab and click restore value.

If you want a Verizon specific application press the custom tab and type “310004”. Remember to restore when done.

---

# Unlock

To enable use on other carriers

DIFFICULTY: MEDIUM

---

*This may brick your phone. Do at your own risk.*

## Finding the code:

1. Download the application “Samsung Galaxy S Unlock Tool” from the market or from the QR code.
2. Install it and open it. Click the unlock button and **WRITE DOWN YOUR UNLOCK CODE**. (Not the unfreeze code. That is for if you screw up your phone.)



## Entering the Code:

1. Turn off your phone
2. Insert other carriers SIM
3. When it boots it will ask for an unlock code. Enter it.
4. You are now unlocked.

---

# Desktop Syncing

You know you miss iTunes from your iPhone or iPod

DIFFICULTY: EASY

---

This isn't all that complicated, so I am not going to post a guide because it is pretty self explanatory. You do need the drivers installed to use this and if you are on a Mac you need USB Debugging. However it works flawlessly and syncs with your current iTunes. What is this application you may ask? DoubleTwist.

<http://www.doubletwist.com/dt/Home/Index.dt>



---

# Battery Optimizations

To save the precious battery life

---

## Change the wallpaper

The Samsung Captivates AMOLED display goes more than just look good. It also uses no battery when displaying black. So by changing your background you should change a little (not much) battery life. You can pick up an all black background here: <http://i37.tinypic.com/vr38fm.jpg>

## Ditch the widgets

Widgets are really cool, but do you REALLY need them all? I personally don't, so I deleted all my widgets but my clock widgets and just open up applications instead.

## Task Killer

There is some debate about this, but I personally find it useful to kill all applications before putting my phone in my pocket. You can always add exceptions for what NOT to kill. The app I recommend is Advanced Task Killer. It allows you to add a widget that every time you press it kills all applications not on the exception list. I do not recommend using its auto-kill feature because that can mess things up.



## Turn off things you aren't using

Wifi, GPS, and bluetooth are great, but if you are not using them they can drain your battery. Just turn them off. There is a widget that is built in that lets you toggle these settings.

## Delete AT&T Bloatware

See page 9.

---

# Launcher Pro

Replacing the TouchWiz Launcher

DIFFICULTY: EASY

---

Lets face it: the TouchWiz launcher sucks. Good thing you can replace it easily even without root with a free application from the android market called Launcher Pro. Go download it or use the QR code below



*Just scan the QR code to get Launcher Pro*

There are other free launchers on the market but this is the best in my opinion.

## How to install it:

Once it is downloaded and installed it will NOT show up in your launcher. instead, press the home button and it will give you an option menu. Select use this as default and then press Launcher Pro. It is now your new launcher. There is a known bug with launcher pro on the Captivate with it not recognizing your contacts app. There is an easy fix for this. Just press the contacts app in your dock and when it asks you what shortcut to open with it just select the contacts app. Note that Launcher Pro does not come with a clock widget so you will have to pick one up from the market such as Beautiful Widgets.



---

# Wireless Tethering

How to use your phone as a Wifi network.

DIFFICULTY: EASY

---

*This requires both root and side-loading to work*

1. Go to this website: <http://code.google.com/p/android-wifi-tether/downloads/list>
2. Download to your PC/Mac wireless\_tether\_2\_0\_5-pre8.apk
3. Follow the side-loading guide to install this app to your phone.

## How to use:

This application operates over an Ad-Hoc Wifi network so it is not true AP tethering, but it works well enough. Just press the green button in the middle and it should start tethering. Every once in a while it may crash and you will have to pull the battery. For now it is the best option.





---

# Super Circle Battery

To change the battery icon

DIFFICULTY: MEDIUM

---

The default battery icon does not show a percentage. These do. End of story. There are four to choose from.

## Before you install:

Open up terminal or command prompt. Assuming your android sdk is in the topmost directory of your computer and is called sdk type this.

**MAC:** cd /sdk/tools **PC:** cd /sdk/tools PRESS ENTER

Then type:

**MAC:** ./adb pull /system/framework/framework-res.apk **PC:** adb pull /system/framework/framework-res.apk

This step ensures that your old battery is backed up.

## Downloading:

Download the version you want:

Version A: <http://www.multiupload.com/FKXE04SPYU>



Version B: <http://www.multiupload.com/JT4YUYorYH>



Version C: <http://www.multiupload.com/S7JSZAMooW>



Version D: <http://www.multiupload.com/JTXEYZiOCC>



**Installing:**

Install the version you want by following these steps.

1. Rename the file to “update.zip” (no “”)
2. Place it onto your SD card
3. Boot into recovery by holding down the volume and the power buttons
4. Scroll to reinstall packages using the volume keys and use the power button to enter
5. Wait for it to finish

---

# Increase ‘Screen Space’

Make more stuff appear on the screen

DIFFICULTY: EASY

---

This section of the guide will help you change the LCD Density of your screen. Effectively what this does is make a whole lot more show up on it. Think of it as increasing the resolution of your computer monitor. It makes everything smaller, but it also allows more to fit on it.

## Set-up:

1. You must be rooted
2. You must download this program and sideload it to your phone OR buy it from the market (it is called “LCD Density Changer”. The one you buy from the market allows, “Full version (no adds + with the possibility to save the density and/or write it to the build.prop + desktop widgets for fast loading temporarily saved density setting) can be bought from from the Android Market (0.75 euros).” The light version can be gotten from: <http://forum.xda-developers.com/attachment.php?attachmentid=406431&d=1285237421>
3. Open the application on your phone and follow the instructions to change the LCD density to the desired value. The lower it is the more that appear on the screen. The default value is 240, but I recommend 200. Anything less makes things a little too small.
4. If you don’t like it just change it back

---

# TV Out

How to get pixel for pixel TV Out

DIFFICULTY: EASY

---

All you need to do is get this cable off of the website of your choice.



*Notice the 3.5 mm jack on one end and the 3 RCA jacks on the other.*

You can buy this cable anywhere, but make sure it is the right one. You can find a bunch below, but they are not all the right one.

<http://bit.ly/dojoaz>

## How to use:

Plug the headphone jack side into your headphone jack and the other three into your TV. Then go to settings and TV Out and check the box. You should be all set.

---

# ODIN

## The Master Reset

### DIFFICULTY: MEDIUM

---

This phone is almost unbreakable because of ODIN. If anything happens to your phone short of breaking it for real ODIN should be able to fix it. You WILL need drivers and as of now it only works on PC. If you use a Mac I would borrow someone's PC for this guide.

### Set-Up

1. Install drivers (see Install Drivers chapter)
2. Download ODIN from: <http://www.thevod.org/misc/captivate/I8g7UCJF6-final-OCD-REVo.rar>
3. Open Odin

### Get in Download Mode on Phone

#### KEY COMBO 1:

1. Take out the SIM card, battery and and external SD card
2. Insert the battery
3. Hold Volume Up and Volume Down while pressing the Power Button

#### KEY COMBO 2:

1. Take out the SIM card, battery and and external SD card
2. Insert the battery
3. Hold Volume Up and Volume Down and then plug your phone into the computer and keep holding down the buttons

#### ADB (computer mode):

1. You must have the SDK installed on your computer
2. Open a Command Window on your computer

3. Plug your phone into your computer and make sure that you have the drivers installed.
4. Type 'adb shell' in the command window
5. Type 'adb reboot download'

**Press start!**

---

# Note on Lag and GPS Fixes

Why they are not included

---

I purposely excluded the Lag and GPS fixes because they are buggy and do not always work. These will both be fixed by Samsung, and before you do their upgrade you will likely need to restore to stock if you do those fixes. If you still wish to do them you can find them on the XDA Forums.