

How to ReadBack ROM using SP FlashTool, to make the CWM recovery, to install SuperUser (get root) etc..

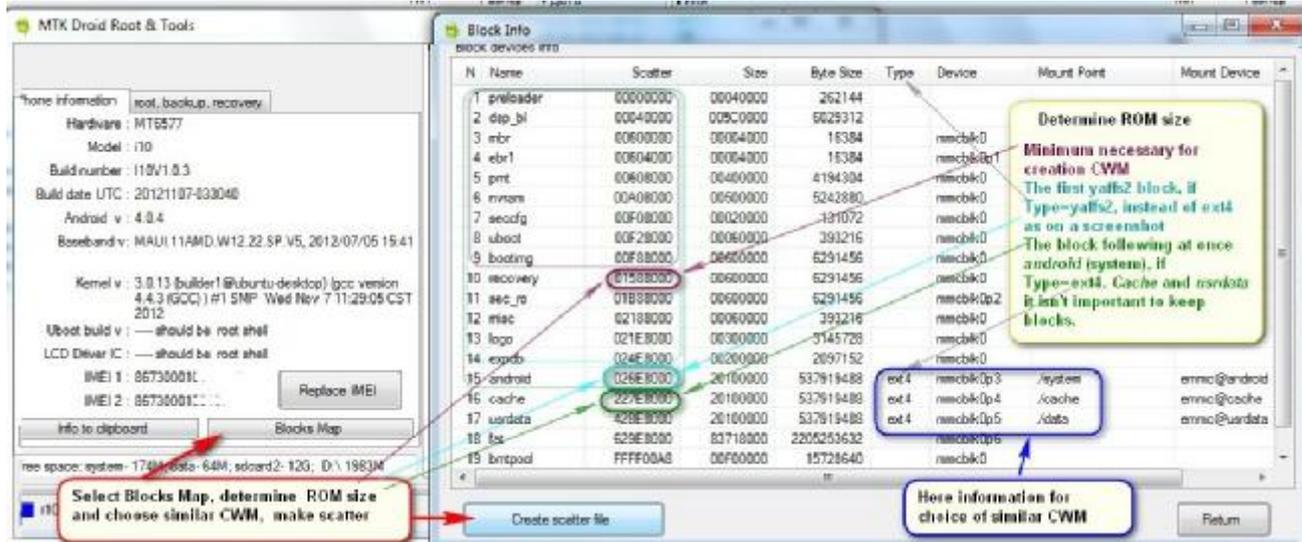
If your phone not rooted using the ROOT button.

1. Make scatter by means of MTKDroidTools

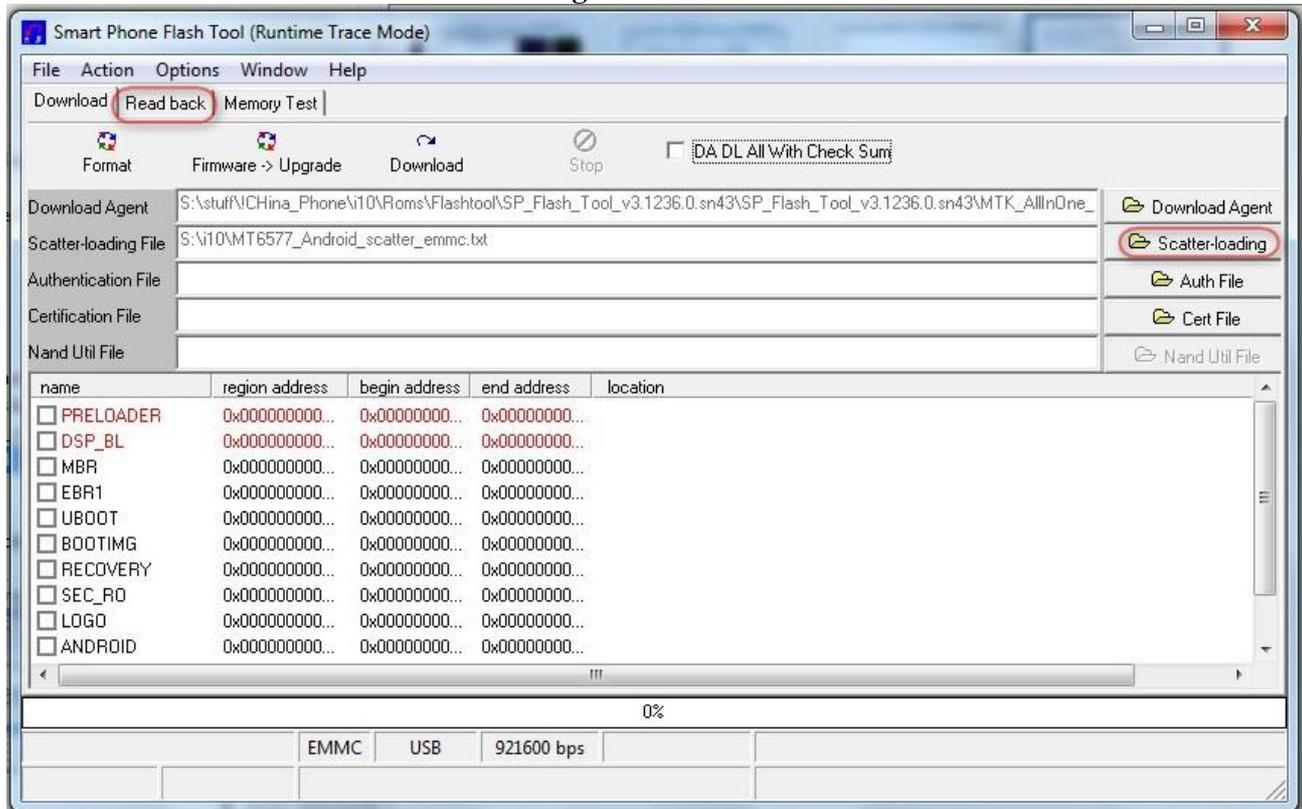
Scatter is the text file with addresses of the blocks, necessary for the SP FlashTool program.

After creation of scatter don't close the main window of the program!

Otherwise once again it is necessary to turn on phone.

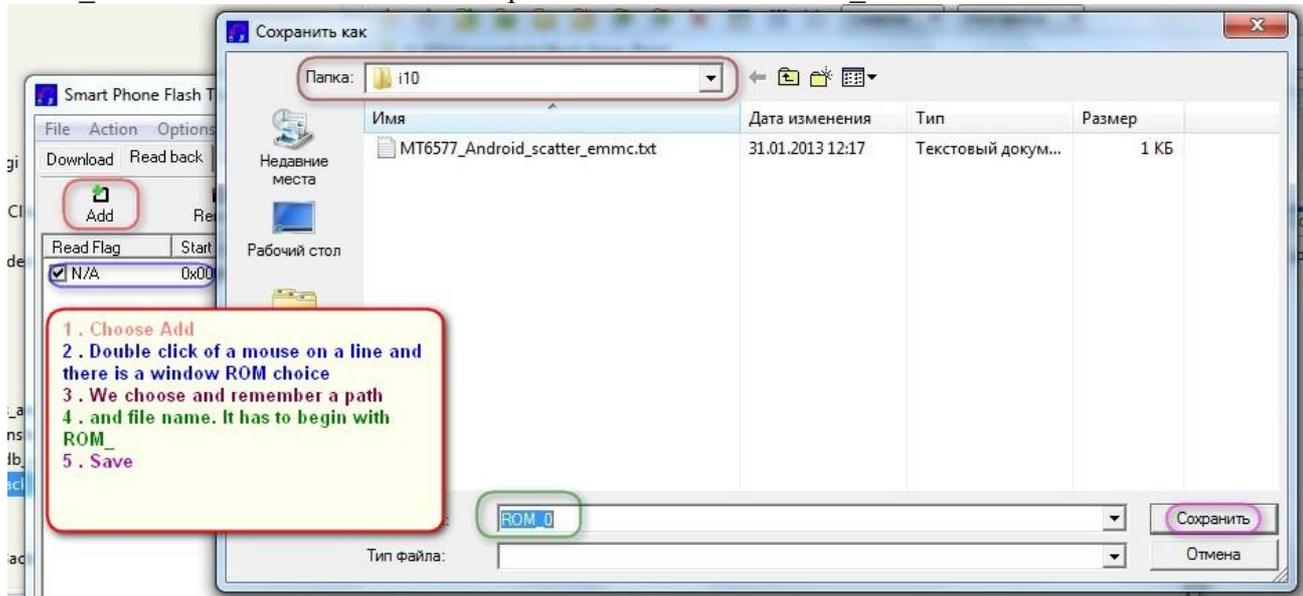


2. In SP FlashTool choose this scatter and go on the Read Back tab.



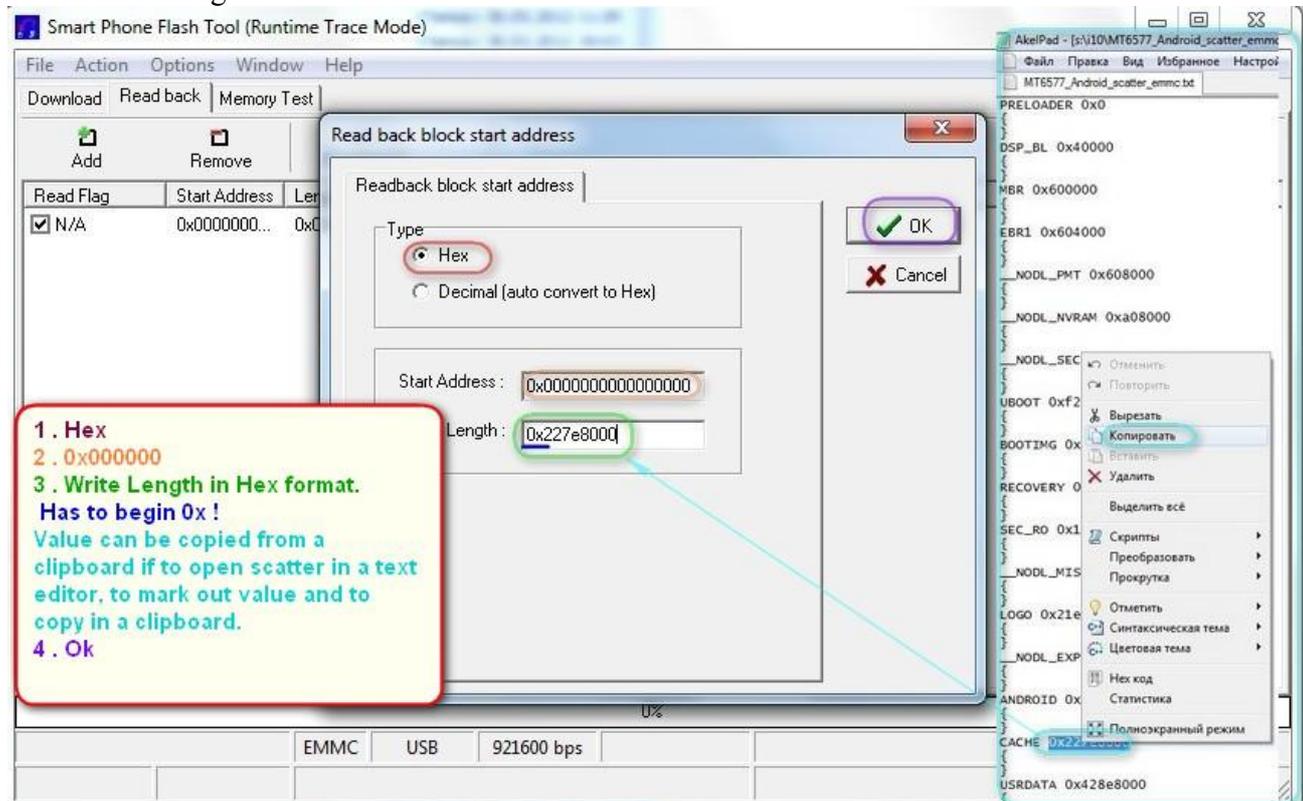
3. Choose path and a ROM file name

Click on Add button. Double click of a mouse on the appeared line. Choose a file name, the name has to begin with ROM_ as offers FlashTool! Remember path and the name of ROM_ file.



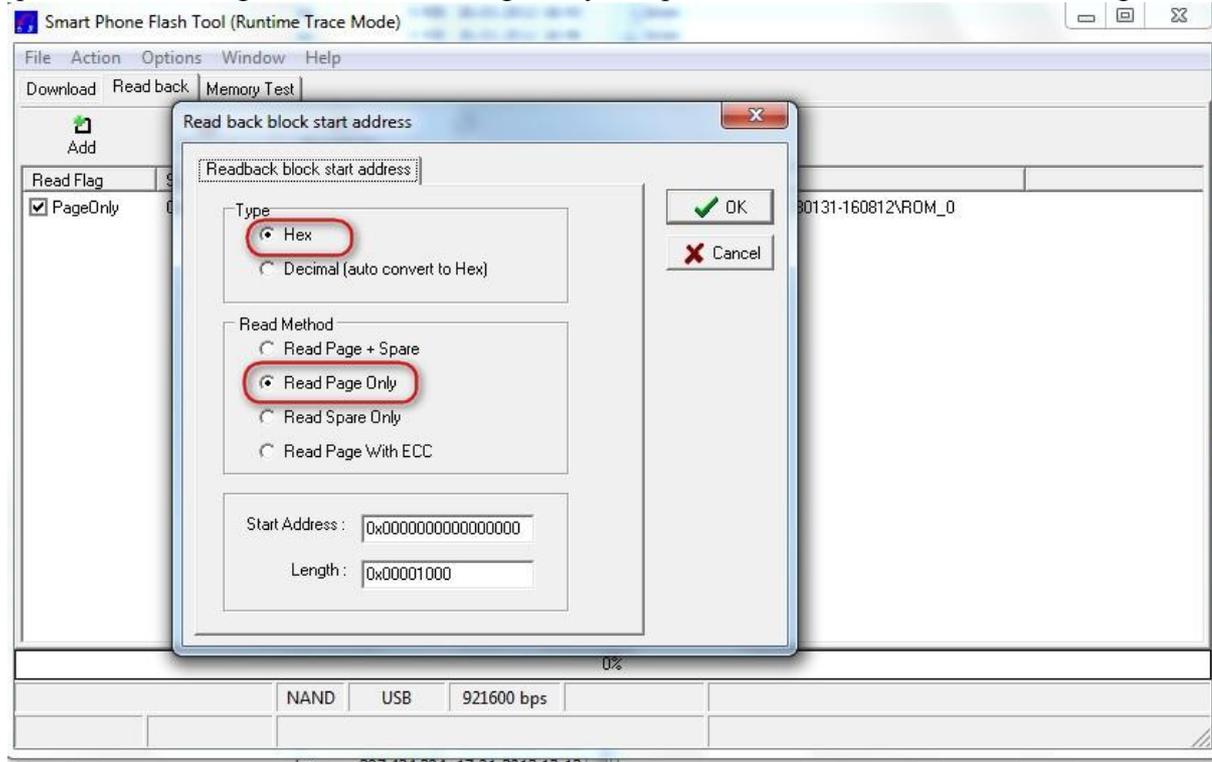
4. Determine the ROM_ size

Type has to stand in HEX. In the field of Start Address it is necessary to write down 0x000000. In the field of Length we copy from scatter the address of the block following after RECOVERY or the address of other block for fuller backup. For phones with type of the blocks EXT4 it is the cache block address. The number in the Hex format has to begin with 0x



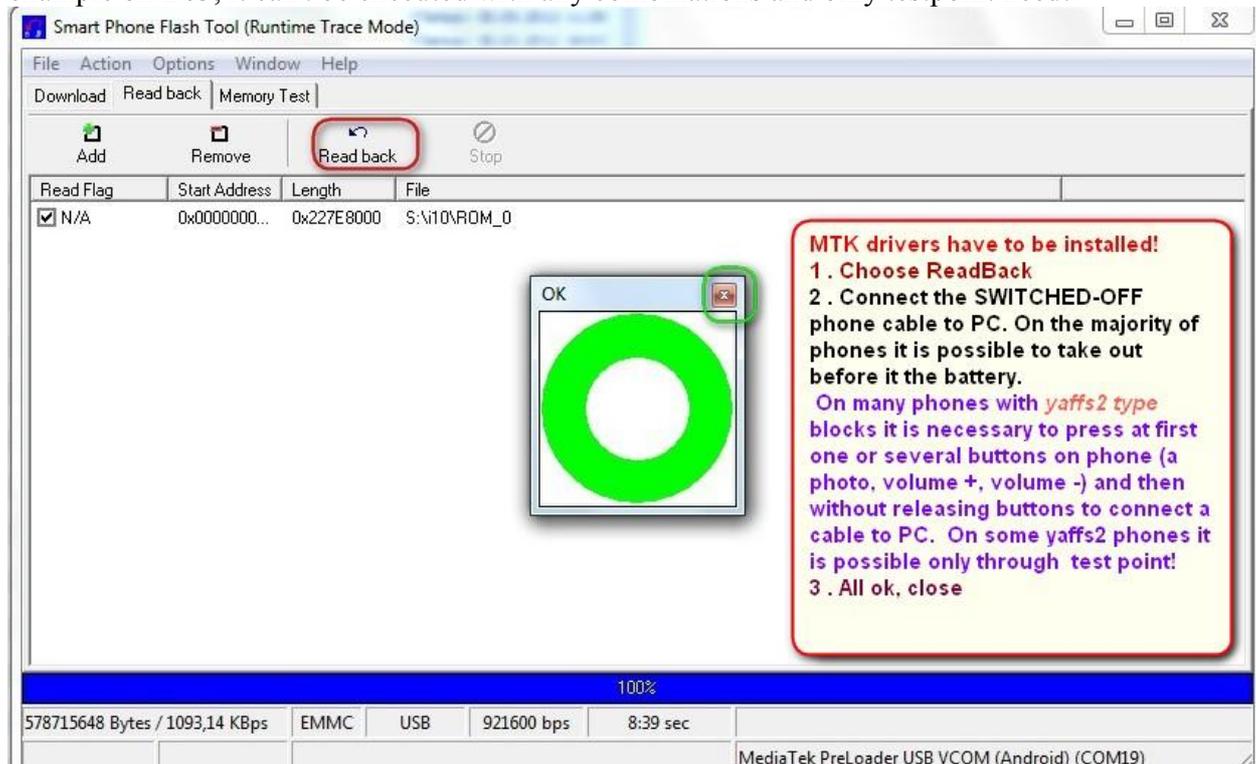
5. Choose Read Page Only on yaffs2 type blocks phones

In FlashTool choose Read Page Only in the field of Read Method. If this field isn't present, the window with this question can emerge, too we choose Page Only. On phones with EXT4 blocks it doesn't get out (as a rule).



6. Read Back ROM

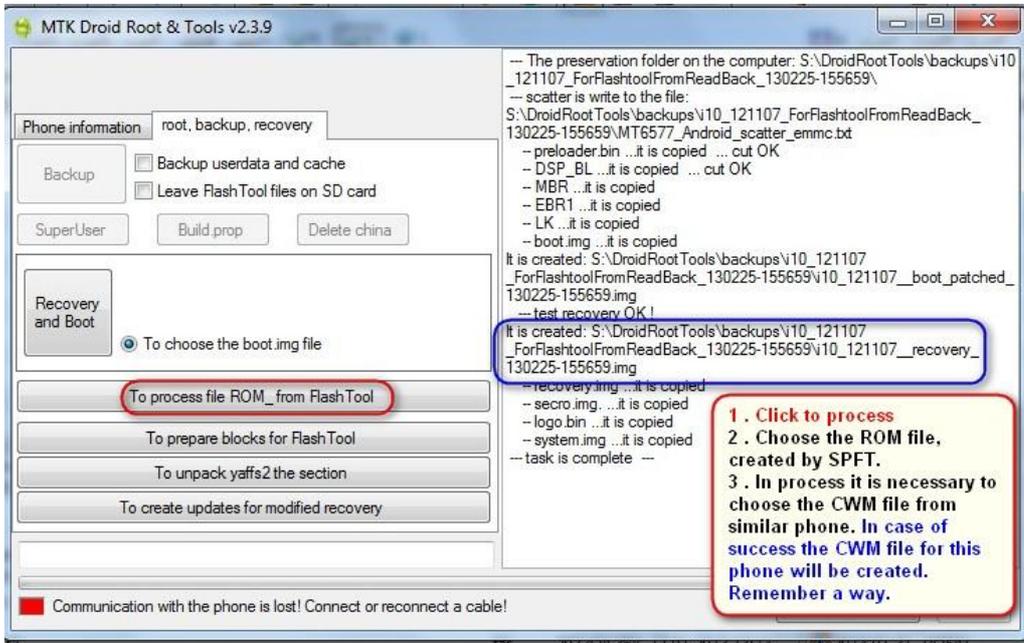
Click on Read Back button and connect the **switched-off** phone to PC. Here the options depending on a concrete phone are possible. Maybe it is necessary to press at the same time with connect of a cable the camera or volume buttons. Experiment and study work with FlashTool in threads with similar phones! On some MT6573 models, for example on B63, it can't be executed with any combinations and only testpoint need!



7. Prepare files for FlashTool and make CWM

If everything passed without errors, we open the MTK Droid Root & Tools window which we left on 1th step. If for some reason the window isn't present, it is necessary to turn on phone and to connect it to the program. Click on *To process file ROM_from FlashTool* button and choose the ROM_* file saved on the 6th step. At successful unpacking rom it will be offered to choose CWM from similar phone. Chosen CWM it is checked on compliance to the connected phone and if ok, the CWM is created.

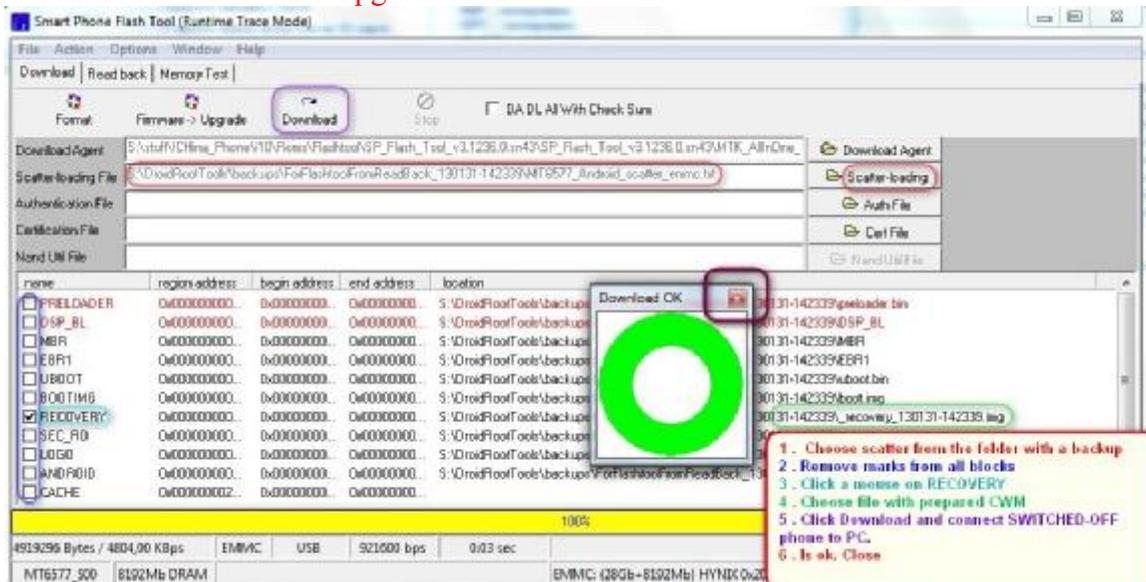
Starting with v2.4.0 CWM it is made automatically and the file from similar phone shouldn't be looked for any more!



Attention! Yaffs2 type blocks from this backup can't be Downloaded to phone, they aren't correct! Use backup on 9th step if phone have yaffs2 type blocks!

8. Download new CWM to the phone

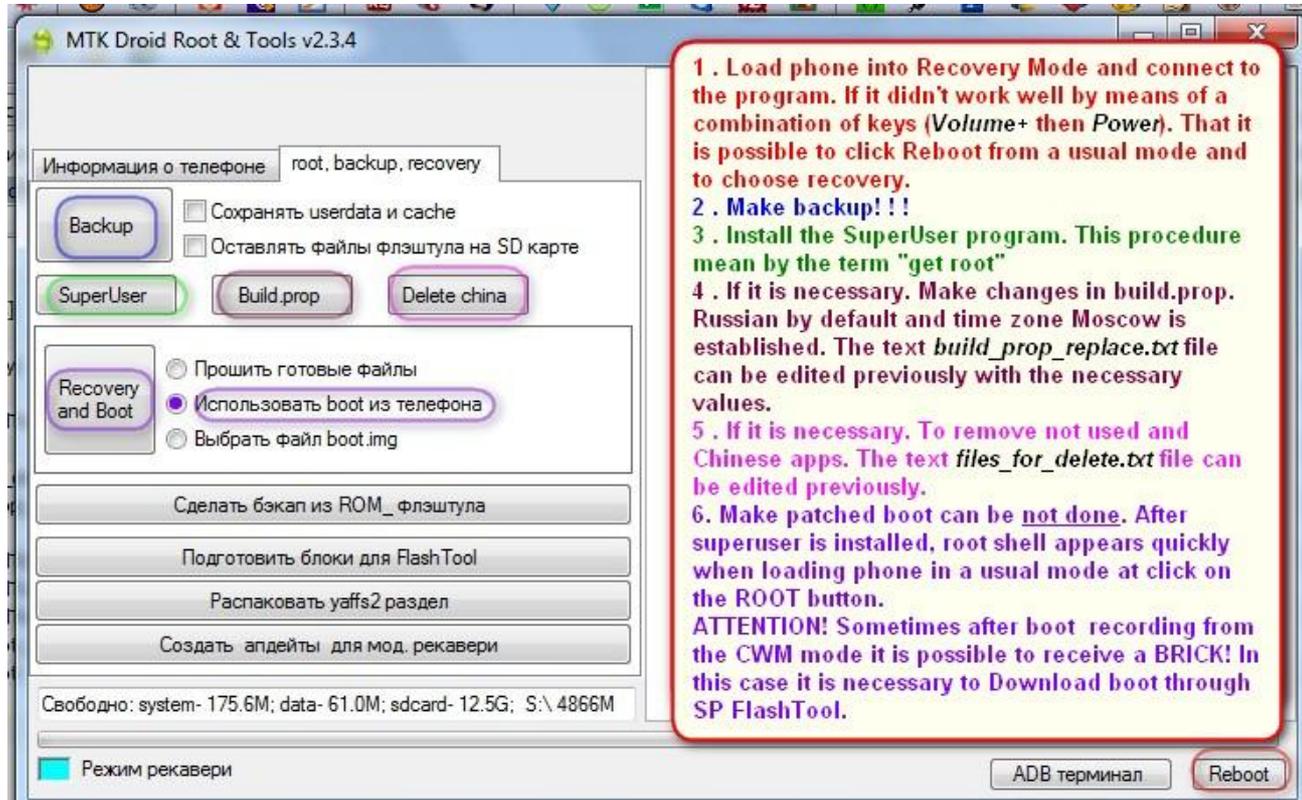
Start FlashTool, choose scatter in the folder created on the 7th step. Remove marks from all blocks! Click on RECOVERY and we choose the file CWM in the same folder which was created on the 7th step. Click Download and connect a cable to PC (phone has to be switched off) and expect the end of process. **DANGEROUS!** On this step the CWM recovery block has to be marked only! Also it is necessary to use only the Download button and not to use at all the Firmware Upgrade button!



9. Make backup, install SuperUser etc

Load phone in CWM mode, connect to MTK Droid Root & Tools, go on the tab *root, backup, recovery* and, pressing on this tab the necessary buttons, we do:

- backup! ! ! (if in phone there is yaffs2 type blocks, do here surely, they received with readBack on 7th step aren't correct)
- install superuser (often mean "get root" under it)
- and other if need



Never needlessly Download preloader and DSP_BL blocks! It is always dangerous! On some models of phones (for example Alcatel) you will have a brick even if you download these blocks read from phone which you own! Always remove from them marks in SPFT!

For any updates please check [MTKdroidTools \(xda forum\)](#)