

Flashing your original XBox onboard BIOS Chip

(this Guide is for people having already a Enigmah(beta)or Final / Xtender v1.0/v1.1
Modchip fitted in your Xbox)

Other chips may be work as the same method, but you should really first find out which wires you need to cut to power-off/deactivate your modchip. But you can going the hard way and cut every wire from the mod.

Remember: this guide here is primary for Enigmah-X or Xtender chips ONLY

created by cLeAnEr23

version 1.0

DATE: 11-JULY-2002

” Bill.. –Damn, thanks for this great beast ... “

- Cleaner

CAUTION: YOU DOING THIS STUFF AT YOUR OWN RISK ! AND THERE ARE A LOT OF RISKS !
DO NOT(!) DOING THIS IF YOU DONT E X A C T L Y KNOW WHAT YOU DO !
OR YOUR LOVED XBOX CAN BE FUCKED OFF! THE AUTHOR OF THIS DOC
DOES NOT TAKE ANY RESPONSIBILITY FOR THIS !
ONCE AGAIN – DOING THIS AT YOUR OWN FUCKED RISK !

This Instructions should you be enable to flash/overwrite the original Mainboard Bios that comes with your Xbox with a customized one ☺.

This tutorial has been verified to be working by the author himself 3 times so far.

I flashed my own console, and two consoles of friends, each PAL versions (4034 and ST flash) this way with the Evo-X v2.2 bios and it works great !

Btw; I pretty sure in upcoming Xbox versions M\$ would do a board revisions change... (like \$ony does with ps2)
so this guide is for 3930 and 4034 Bios ONLY

It's so fucking cool when u fire-up your now 'factory-modded' Xbox and look at the de-soldered modchip in your Hands -- JUST SMILE ☺ !!

-WARNING-

(This is something you should be first warned about)

Depending on the modchip you have you need to cut two wires when the Xbox is running. This will disable the power (+)(-GND) to the modchip and deactivate it. Some people have installed a nice Switch to choose what type of bios boot-up...

WARNING IF SWITCH INSTALLED: NEVER SWITCH BIOS WHEN XBOX IS TURNED ON !!
THIS SHOULD DONE ONLY IF YOU REALLY NEED THIS. YOU NEED THIS ONLY (YET) FOR THE FIRST BIOS SWAP. I THINK IT CAN DAMAGE YOUR XBOX. BUT DOESEN'T KNOW. SO TAKE CARE...

continue to page 2...

Now let us burn our own factory modded Xbox ☺

Needed preparations (read carefully):

? Xbox is chipped with a enigmah/xtender and works the way he should work

? check your Flash onboard eeprom. Have see to date only "ST" or "Hyundai" chips (if you have a "Hyundai" and use EvolutionX Beta 1.8.458 you need first a modification of the Evo-X flash program. Try #efnet for Infos ☺
(if you have a brand new not yet know type in your board, same procedure for a Hyundai...)

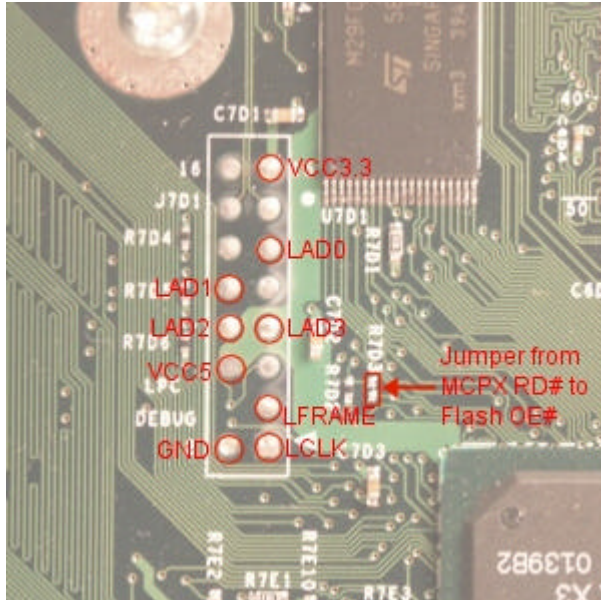
? you have replaced the m\$ dashboard with Evo-X dashboard on hd.

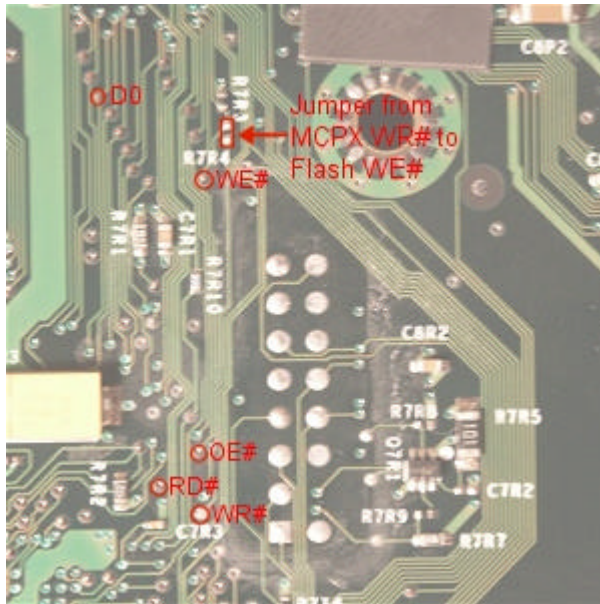
? you have make a copy of the evoX bios (or which u want to burn) placed on the \C (root) partition (Xbox HD)

? you have a tested and stable FTP connection to your xbox when running the Evo-X dash !

Ok, now we begin with the harder part. The needed Hardware modifications:

1. In order you can flash your onboard bios you have first to re-enable the "Write" lines (default is protected from flashing.. and hell this is good so ...)





BACKSIDE MAINBOARD VIEW:

Do the same here with this WR# WE# pins. Yeah! Solder the damn babys!

after completing you should now be able to re-flash the onboard Bios.

Ok, you need to cut the (two) wires connected to your modchip while the xbox is running. more specific: you need a way to cut the wires while the system is (half-)assembled but stable running, how you do that one is your problem....lol.. (i recommend to extend the two wires with longer ones so that you can cut it easy at the main topview while the board can still fitted in the case. believe me.... do this better so... ☺)

Now with the brand new jumpers connected we need to test the baby out before we are going to finally flashing. So? Yeah, test FTP, boot a game, blah.

No explosions? No Smoke? ☺ Ok, well hehe.. that is a damn good sign...

NOW THE FUNNY PART – WE GOING TO FLASH NOW

STEP1:

boot the Xbox with your enigmahX /xtender modchip, wait until you see the EvoX Dashboard (i recommend loading the EvoX dash from HD, not from CD) then go to your pc and open the ftp connection to your xbox. Make sure the connection will be 100% ok. (copy a file or something..)

STEP2:

Now, disable your modchip (Xbox is already running and in EvoX dash)
Cut the needed wires that matched your modchip: (doing this with a fast & clear cut!)
Xtender 1.0/1.1 retail = Cut wires: 10 + 19
Enigmah-X Final retail = Cut wires: 15 + 21

for now, the original M\$ Bios should be active.

STEP3:

Select in your EvoX dashboard the entry "Flash Bios"
You should now see a screen with the evoX graphics logo, but no more menu text.
(this is normal .. at least I guess while EvoX is a beta rel.)

STEP4:

go to you PC again and send this in FTP command mode:

flashbios romname.xxx (romname= the bios you need... lol..)
(in my case: *flashbios evo22.bin* – ya, i renamed the bios files..)

STEP5:

Now, you should see in the TV screen a progress bar indicator while flashing with some infos about the flashrom id.

After flashing the console is going to reboot. (you see a text message..)
If all have done right, you should see again the loaded EvoX Dashboard..

IMAGINE: LOL! YOU HAVE NOW A FACTORY MODDED CONSOLE ! Say: Thanks, Bill!

THAT'S IT !!!!! after testing some stuff you can now remove (if you want) your old Modchip. ☺ (but, please switch off the console first.. hehe)

Hope this helps you a little bit..... Have fun !!!

cya!!

- cleaner23 ☺