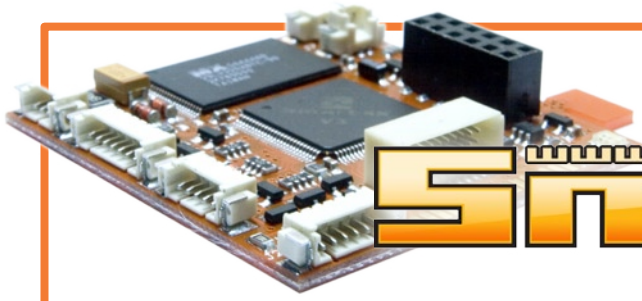


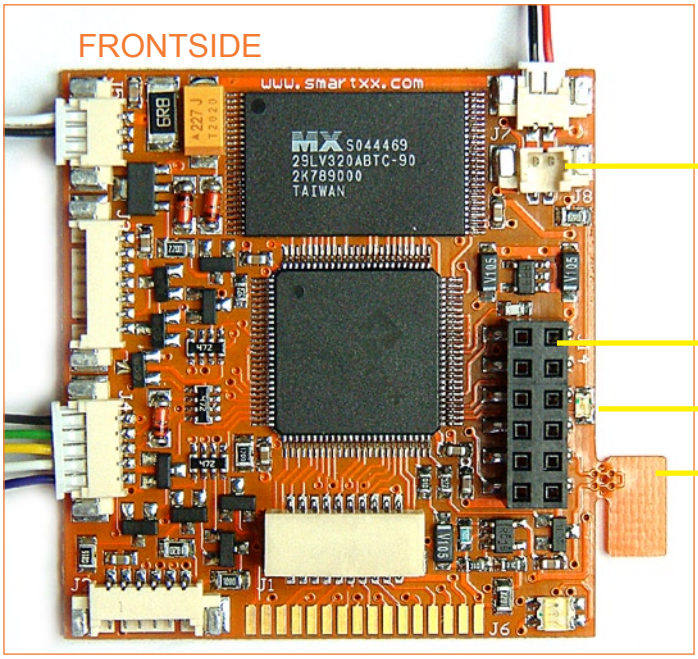
INSTALLATION MANUAL

SmartXX v3 no-solder w. SmartXX Spider on XBOX V1.6

YOUR SmartXX v3: What you need to know first

Read this page carefully before starting work!

Power Input (J7)
red: 5V + (DC)
black: GND (Ground)



IR Remote Output Port (J5)
white: buffered positive signal
black: GND (Ground)

Power-Output (J8)
red: 5V + (DC)
black: GND (Ground)

LPC Bus Connector (J14)

Status-LED

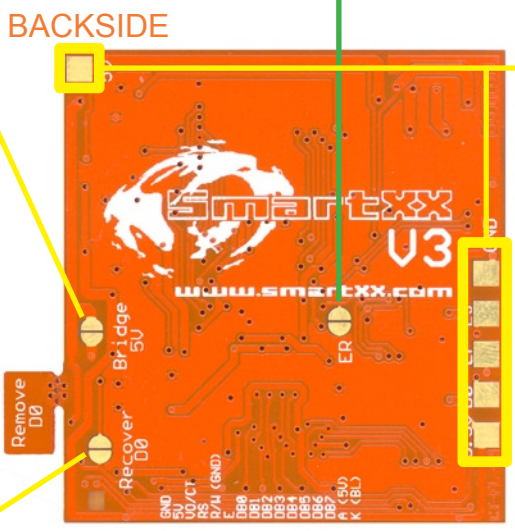
System Connections (J4)
black: GND (Ground)
green: Emergency Recovery
yellow: Eject Cable
white: LFRAME
purple: D0

D0-Fan
break away to remove D0-signal on LPC Bus Connector Pin4.
Break away unless you are told the opposite in the manual!

Emergency Recovery

If there has occurred an error while updating the SmartXX-OS (e.g. power break), and the SmartXX v3 doesn´t boot up any more, you can activate the backup-OS (which will allow you to flash the OS again) by connecting the two pads on the backside OR connecting the green wire from J4 to GND (Ground), black wire on J4, during bootup.

5V Bridge
Can replace power-cable in XBOX V1.0-1.5 if 5V + is available on LPC Bus Connector. Only in this case both pads can be soldered together.
USE OF THE DISRTRIBUTED CABLE IS RECOMMENDED!!!



Do not work on these pads unless you know exactly what you are doing!!!

D0-Recovery pads
If D0-Fan has been removed, and you need its function back, it can be recovered by soldering the D0-recovery pads.

INSTALLATION MANUAL

SmartXX v3 no-solder w. SmartXX Spider on XBOX V1.6

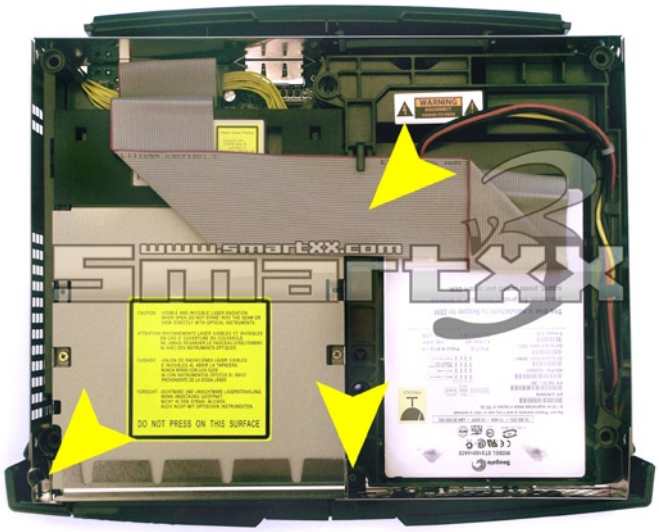


STEP 1: Open / Prepare your XBOX

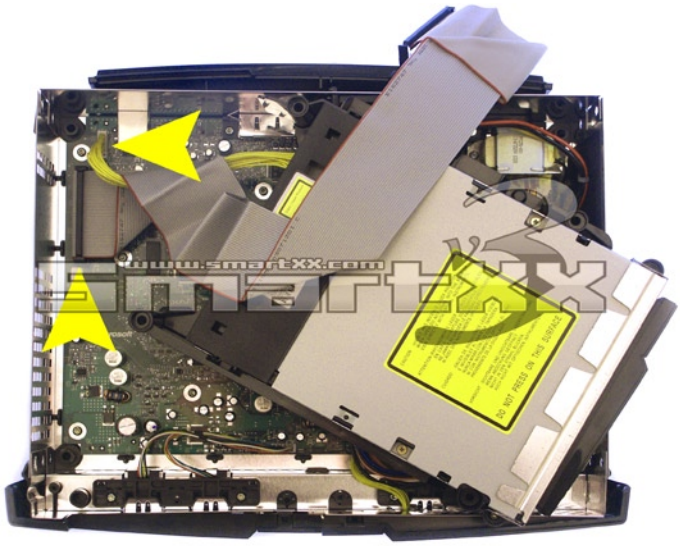
1. Free the 6 screws that hold together the two parts of the XBOX-chassis on the bottom-side of your XBOX and unscrew them.



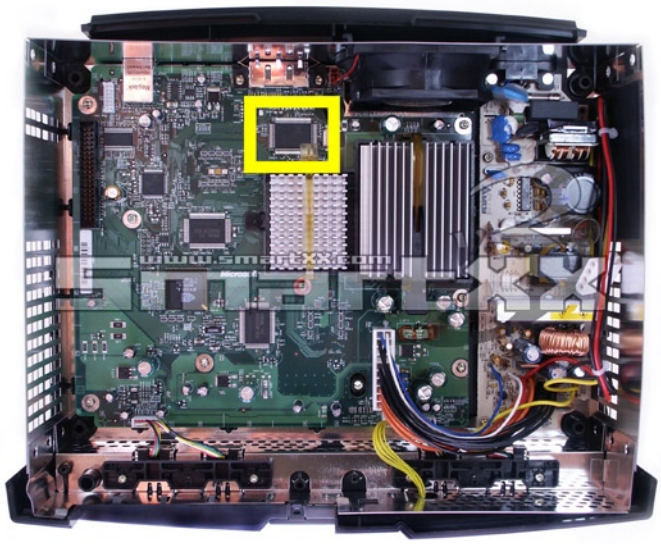
2. Disconnect the Datacable and Powercable from the Harddrive and remove the three screws that attach the Harddrive- and the DVD-ROM-carriers to the XBOX.

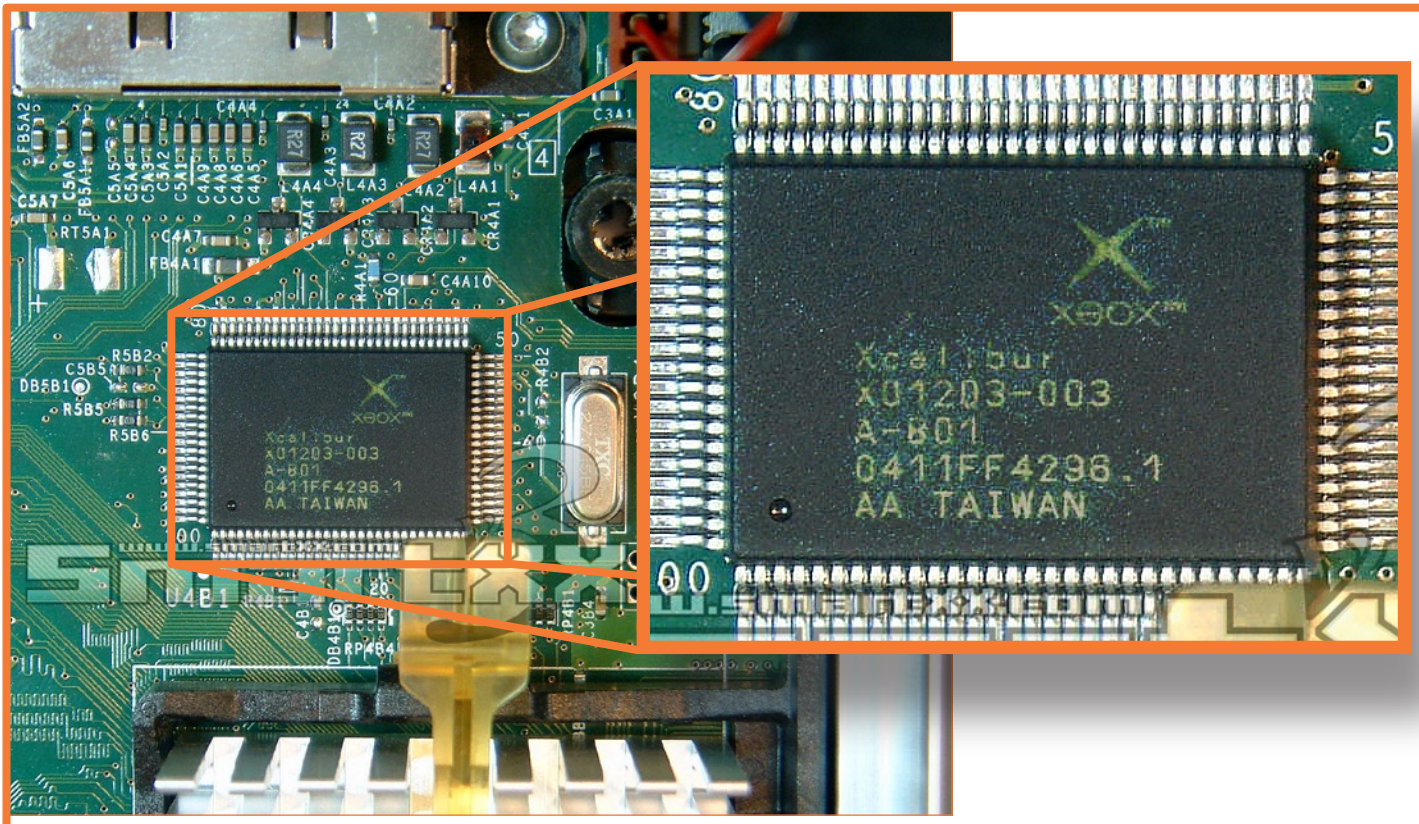


3. Carefully take out the two carriers with the drives (HDD first). Disconnect the two cable assemblies from the DVD-Drive to the XBOX Mainboard as well.



4. Now you should have an empty XBOX like on the picture in front of you. Check the bordered chip to be certain that this manual is the right one for your XBOX (next p.).





5. If the chip in your XBOX doesn´t match to the picture (Xcalibur written on the chip):

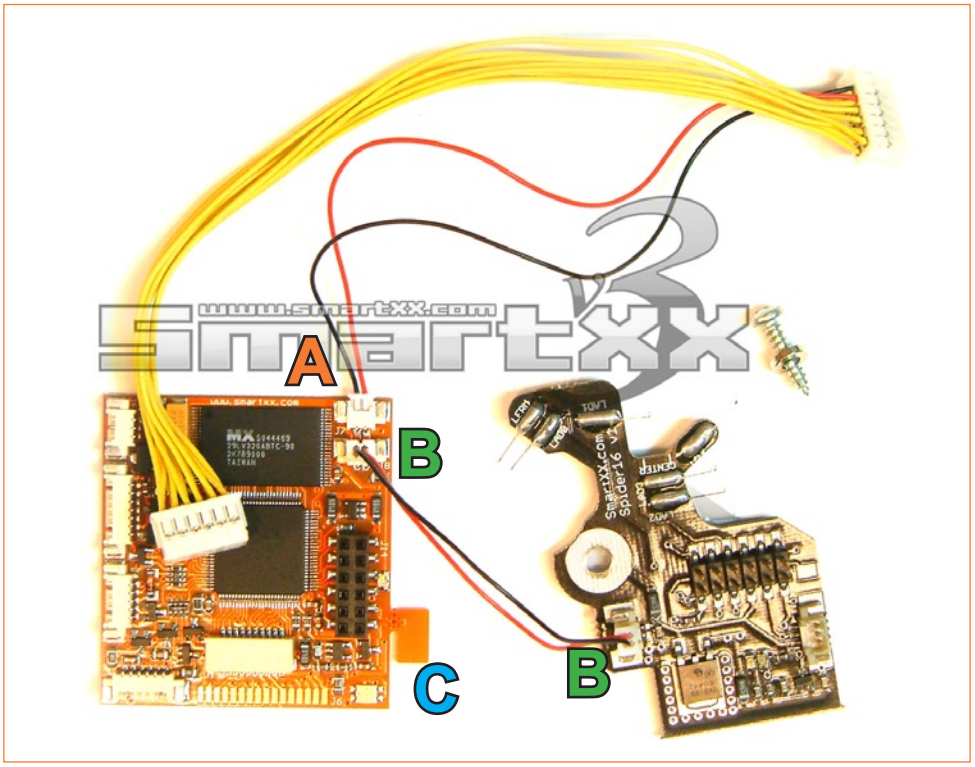
DON´T FOLLOW THIS MANUAL ANY FURTHER!

Either use the „SmartXX v3 Installation Manual for Microsoft XBOX (Version 1.0 to 1.5)“ or the „SmartXX v3 no-solder Installation Manual - x-Addon (3rd party)“ instead. Else, go on...

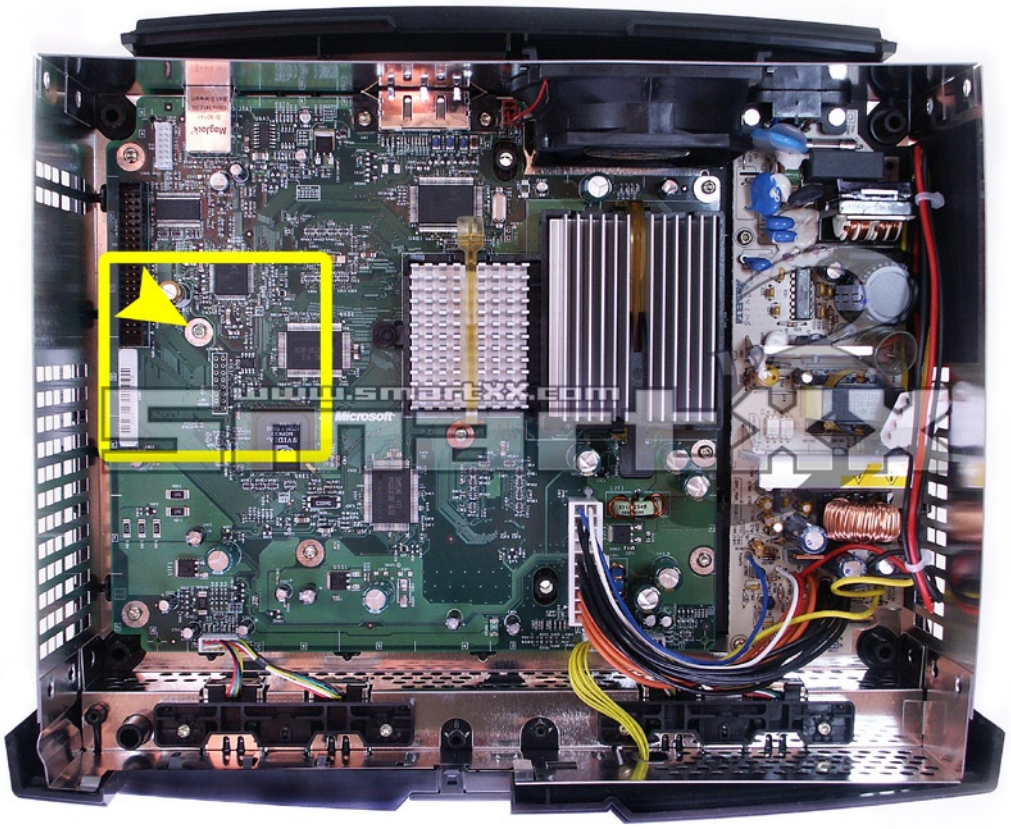
5. Here is all you need to perform a nosolder installation of the SmartXX v3 with the SmartXX Spider on a XBOX V1.6 (SmartXX v3, power adapter, SmartXX Spider and screw with shim).

You also can see how the different cables have to be connected:

- connect the powersupply (from the powercable leading to the DVD-ROM) to the SmartXX v3 (**A**)
- linkt the poweroutput of the SmartXX v3 to the SmartXX Spider´s input with the supplied wire (**B**)
- **don´t** remove the D0-Fan from your SmartXX v3 (**C**)

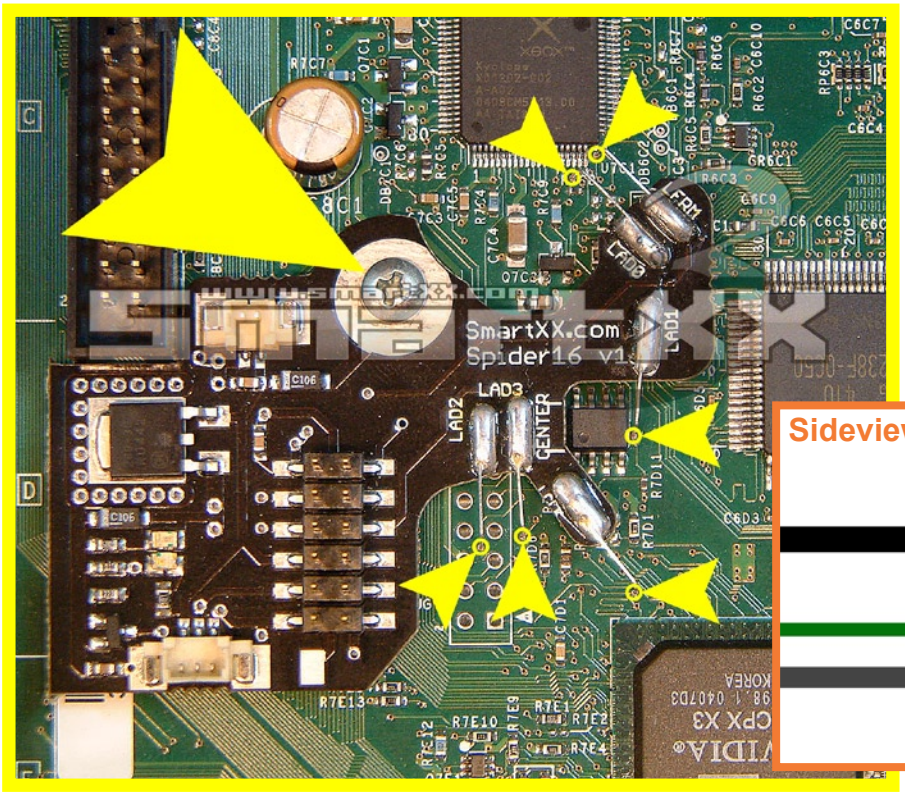


6. Remove the marked screw on the XBOX Mainboard. The yellow border marks the area shown on the next picture.



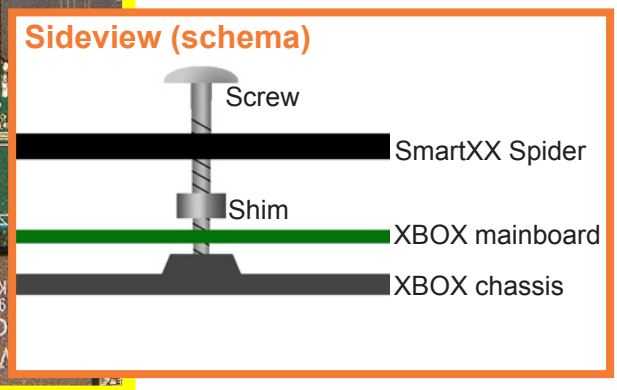
STEP 2: WORKING ON THE MAINBOARD

7. Place the 6 pins on the marked solder-pads and fix the SmartXX Spider on the XBOX Mainboard with the delivered screw in the previously freed hold point. Don´t forget to place the also delivered shim between the SmartXX Spider and the XBOX Mainboard to adjust the difference of level resulting from the surrounding components.



TIP

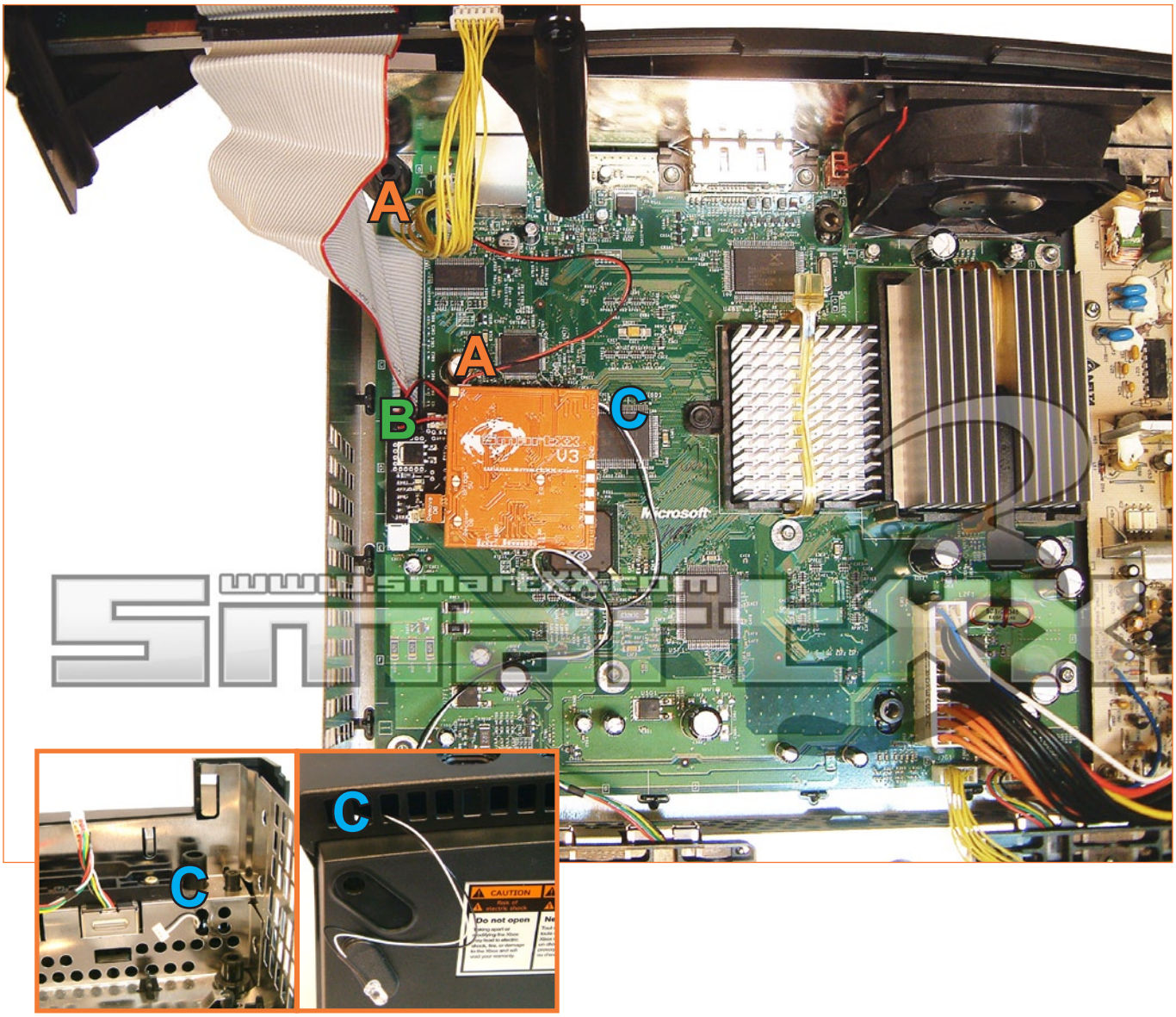
Screw the Spider lightly onto the XBOX Mainboard to have a light pressure on the Pins to be positioned. Then place them on the right position and fix the SmartXX Spider tight.



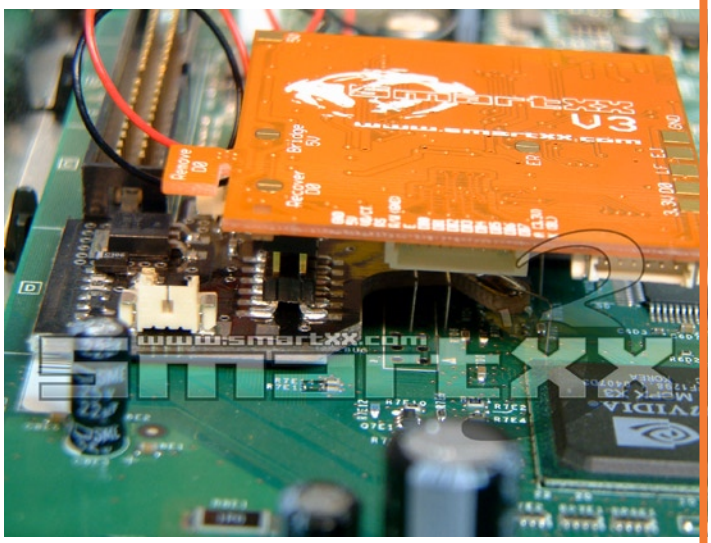
12. Reinstall the XBOX Mainboard in the chassis. Thereby replace the original power-cable leading from the XBOX Mainboard to the DVD-ROM with the one distributed with your SmartXX v3-.

13. Connect the SmartXX v3

- connect the powersupply (from the powercable leading to the DVD-ROM) to the SmartXX v3 (A)
- linkt the poweroutput of the SmartXX v3 to the SmartXX Spider´s input with the supplied wire (B)
- if you are using it: plug in the IR-sender-cable (C)



14. Plug the SmartXX v3 onto the Pinheader previously installed. Be careful to position it right (like on the pictures)



15. Test the correct function of the SmartXX v3 by powering up your XBOX. Therefor connect the Mainboard with all cables. There is no need to connect the drives, the SmartXX v3 will also start up without. The video-cable has to be plugged to the XBOX!

Put the drives back into the XBOX chassis and connect them with power and IDE-port.

Put the chassis back together and close your XBOX.

Finally you smart up your XBOX!