

# LFRAME for v1.3 and up Xbox

I have completed several of these mods on the newer versions of the Xbox. In this tutorial I will tell you how to attempt to do one of your own. YOU ARE DOING THIS MOD AT YOUR OWN RISK!!! I take NO responsibility for you messing up your xbox!!!

## **This you NEED:**

- Steady hand <~~~most important....lol
- Very fine tip soldering iron (I use a Metcal MX-500...the VERY BEST)
- Fiber Glass Bristle brush
- BIG magnifying glass
- One strand from a copper stranded 18ga wire
- Solder....duh
- Flux Pen...optional

## **Lets kill a xbox:**

Open you Xbox and remove the motherboard....kadda, kadda...kadda....

Now locate the NVIDIA Chip. On the side parallel with the LPC, take the glass brush and GENTLY remove the solder mask (green stuff) form the via. Do a little at a time, you don't want to remove the via or the traces.

It should look like the photo in this PDF.

## **MAKE SURE YOU KNOW WHAT VIA YOU ARE GOING TO SOLDER!!**

Take the flux Pen and dab a small amount of flux on the via. Touch the tip of the soldering iron to a piece of solder, then touch the tip of the soldering iron to the via. You want to have a VERY SMALL amount of solder now on the via...NOT A BIG LUMP!!!

Take your one strand of a stranded wire and per tin the end of it you are going to solder to the via. Per tin is putting a small amount solder on the wire. Now when you meet the wire to the via, it will stick better.

Now the hard part....with a magnifying glass place the per tined end of the wire on the via and touch the tip of the soldering iron to the wire and via. Not for too long...you might F#@K it up. Give the wire a small tug...I mean REALL SMALL!!!! If it does not move you are in business.

Look at it under high magnification, and make sure you are on the right via and the wire DOES NOT touch other traces and other via's.

If you are now happy with your work, take the other end of the wire and place it to PIN 3 of the LPC. Tack it in place with some solder and cut of the excess.

You will still need to ground the D0 to make your Cheap Mod work. Make sure it is flashed with a BIOS that will work on the newer Xboxes. Put your xbox back together and test it out.

**ALWAYS TRIPLE CHECK YOUR WORK!!!!**

