

### Important Information

Although not a “hard” install, it is not recommended for people with little or no experience installing these types of devices.

Please read the install instructions carefully, and if you are in doubt of your ability, then you are advised to either buy the product pre-installed or find someone who is confident at installing this type of device.

All of the Wolf Controller mods are machine assembled, programmed and verified before leaving the factory.

This does not mean that it is impossible, for you to have a faulty unit – but it does mean, it is very unlikely – so consider this, if there are any problems after installation.

We are assuming a certain level of knowledge and experience, with the below instructions.

### Step 1 – Compatibility Check

The current Wolf Controller mod is only compatible, with “C15” type original Microsoft Wireless XBOX 360 Wireless controllers. (Referred to as “controller” from now on)

To confirm your controller is compatible, remove the battery pack and look down into the battery compartment, to the left hand side, as shown in the below image, you should see “C15” printed on the circuit board.

If you do not see “C15”, then your controller is not compatible with the current version of the Wolf Controller mod.



## Step 2 – Remove Screws

There are seven screws that must be removed – remove these screws and place them somewhere safe.

One of the screws is located under your controller serial number, removing this screw will void any warranty you have on the controller.



### Step 3 – Remove Back and Note Rumble Motor Position

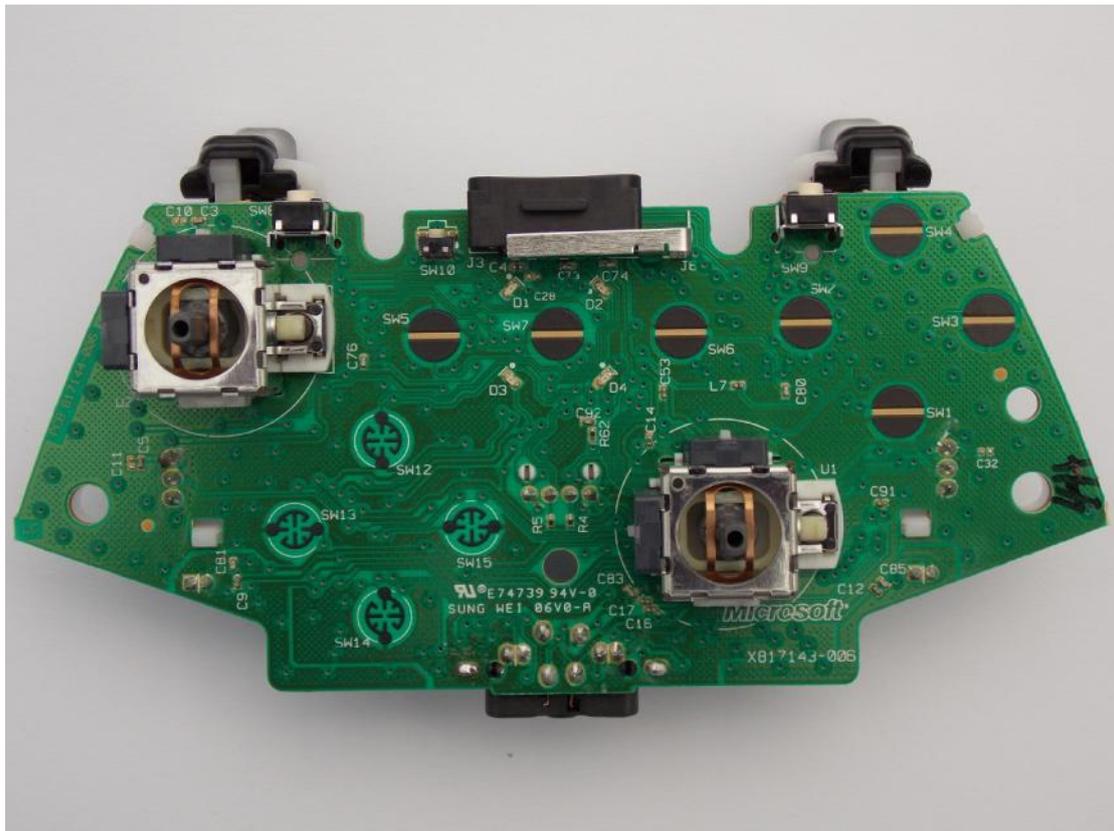
Remove the back of the controller, and take a note of which rumble motor goes to which side, you can use our image as reference, as it will be the same as yours.



#### Step 4 – Remove Board and Thumb Sticks

Carefully disconnect the rumble motors and then remove the circuit board from the controller case.

Remove the thumb sticks (these just pull off), you should be left with controller circuit board, as shown below



## Step 5 – Prepare Board Stage 1

The board now needs preparing for the installation of the Wolf Controller mod.

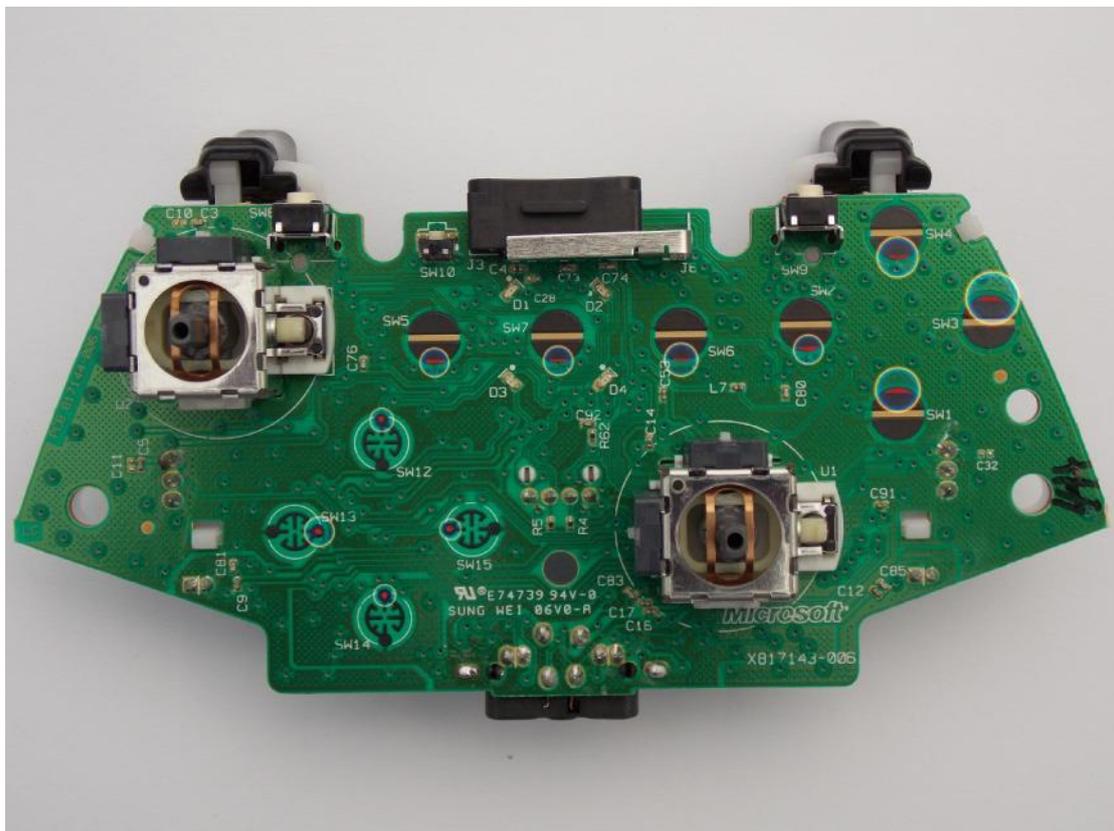
Note – The board is very delicate, especially around the D-PAD area, be very careful at this stage.

On each of the points, highlighted below, you must carefully remove a small section of the graphite material.

You can lay the Wolf Controller mod on top of the circuit board, to give yourself an idea of how much you need to remove.

Again – Be careful, the D-PAD area is only conductive paint, so if you remove too much you will break the circuit, and the D-PAD will not work.

You can use a fibre glass pen, a very sharp craft knife or a fine Dremel tip to remove the graphite.



## Step 6 – Prepare Board Stage 2

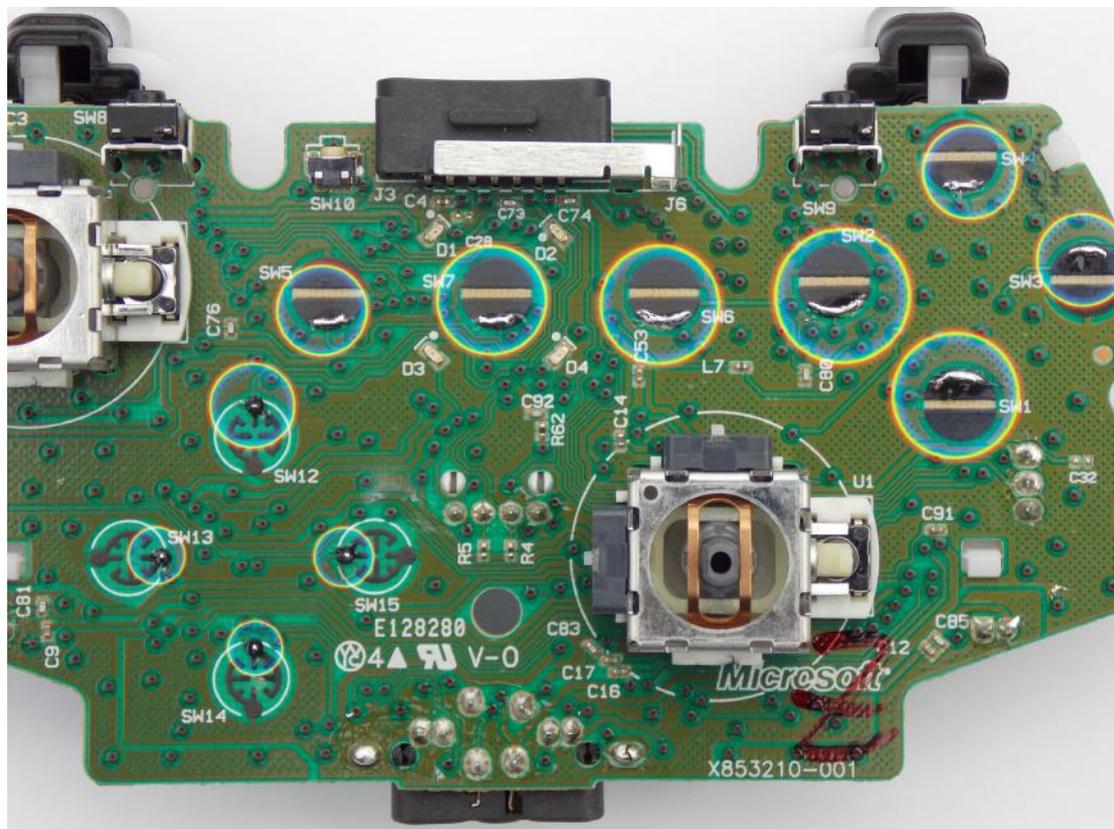
Next you need to tin the points, you created in Step 5, with solder, ready for the installation.

Try not to have big lumps of solder, as this will affect the feel and operation of the button, less is better.

If you need to use flux (this is not recommended) , then do not get it on the circuit board (especially near the D-Pad), as will stop the buttons working, if there is a layer of dried flux on the board.

If you do happen to get too much flux on the board, then, you must clean the board with a flux remover.

Once, tinned, your circuit board should look similar to the one below.



## Step 7 – Installing the Wolf Controller Flexi Board Stage 1

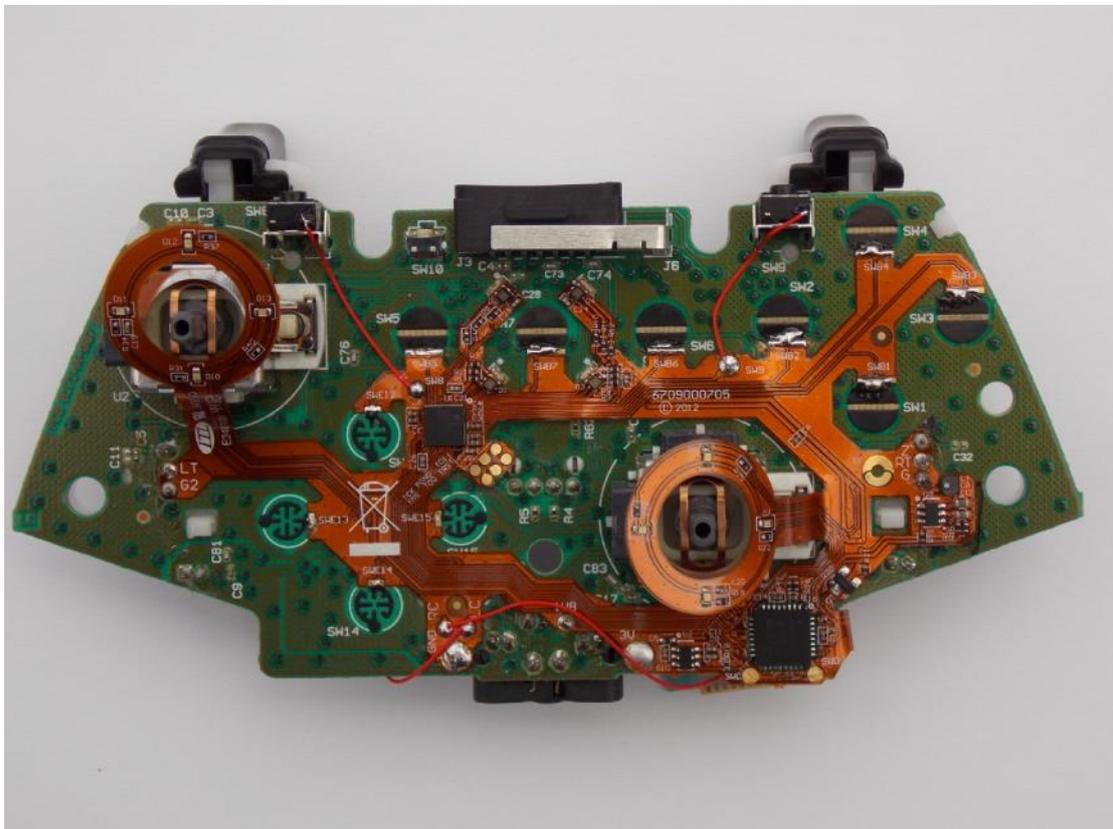
Lay the Wolf Controller Board, into position; make sure that the flexi board is completely flat and that all points you pre tinned are lined up and all the drop solder points are in position.

Double check, you are happy everything is lined up, before you begin soldering.

Starting from where ever you feel comfortable, begin to solder the Wolf Flexi Board into place. (Some people find it easier, to also pre-tin the Wolf Flexi Board)

For the first few solder joints, keep checking, to make sure the flexi board has not moved slightly out of position – if it has, make adjustments.

Once, complete, your board should look something like the below (ignore the red wires for now)

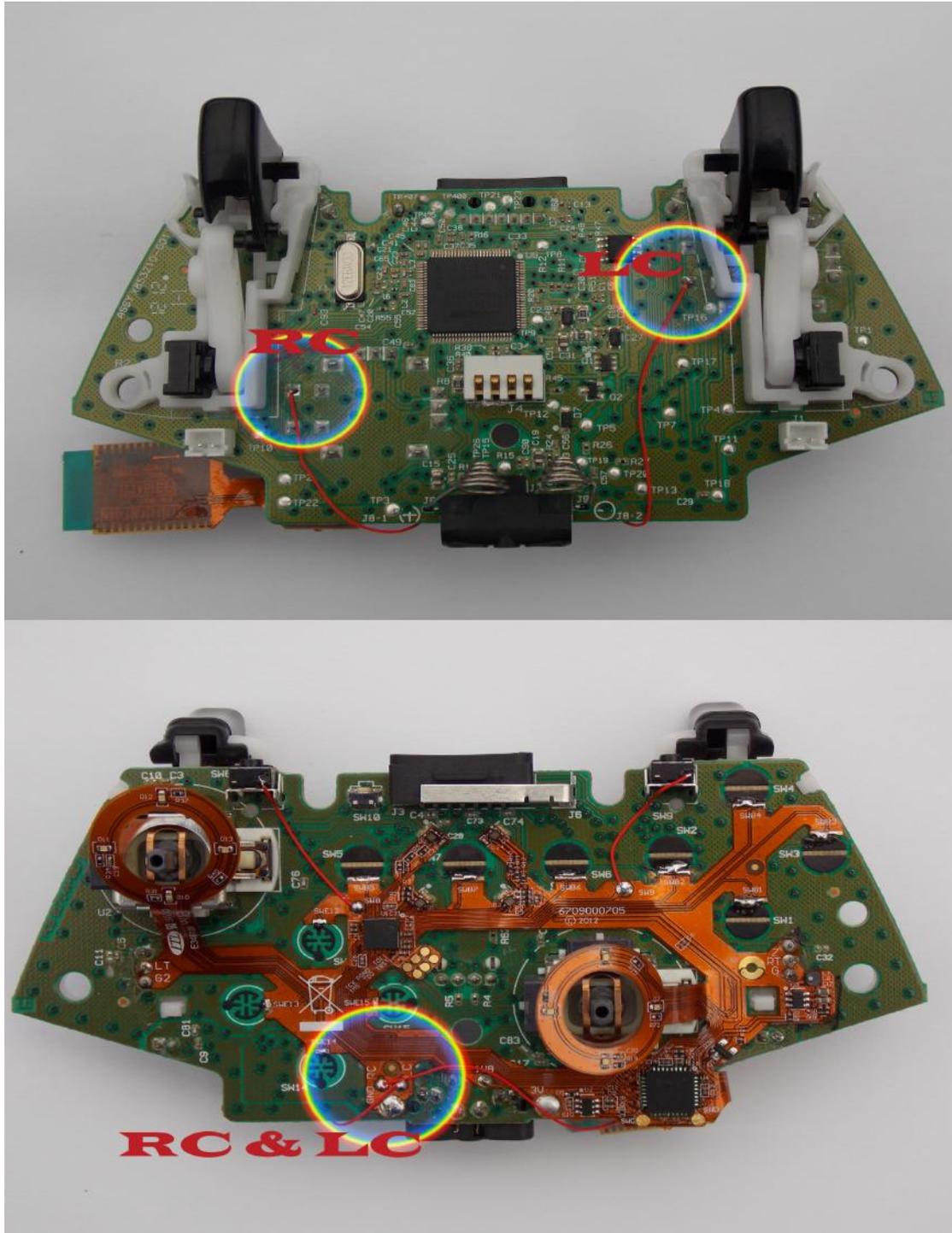




### Step 9 – Installing the Wolf Controller Flexi Board Stage 3

The final bit of soldering, is the two wires for the thumb sticks, these require two slightly longer wires than those used for the bumpers, and they need to run to the reverse side of the circuit board.

Connect the two wires, as shown below



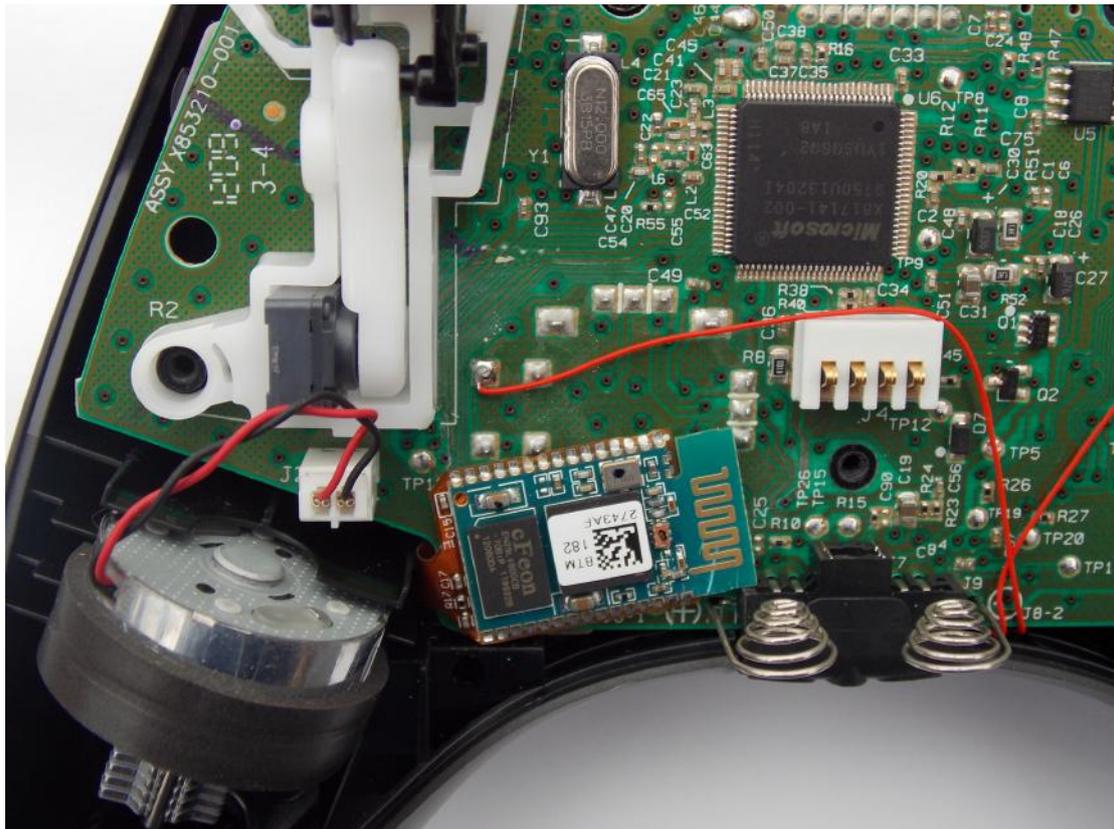


## Step 11 – Reassembly Stage 2

Place the circuit board back into the front of the controller case, making sure the button rubbers are lined up correctly.

Reconnect the rumble motors, as per the image in Stage 3.

Place the Blue Tooth part of the Wolf Controller, exactly in the position shown.  
(The position is important; otherwise the controller case might not close correctly or putting pressure on the mod, will stop is working correctly)



### Step 12 – Reassembly Stage 3

Finally carefully, replace the back of the controller, check the fit – if all ok, check the placement of the Blue Tooth part of the mod, it should be visible in the exact position shown – make any adjustments needed.

When you are happy with the placement, screw the controller case back together, using the seven screws that were removed at Stage 2.

As long as everything is lined up correctly, the case should go together pretty easy.

