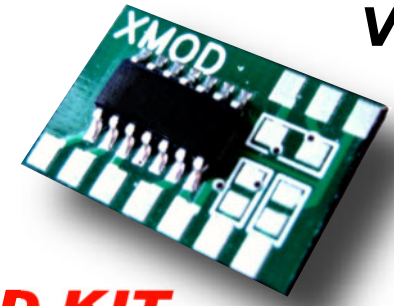
v4



XMOD RAPID FIRE MOD KIT

20 MODES - v4 INSTRUCTIONS

This tutorial is designed to aid you in the installation of a XMOD Rapid Fire microchip.
This installation requires soldering several wires to small confined spaces.
We do not advise attempting this installation if you are a beginner at soldering.
We recommend reading through all the instructions and understanding them before beginning your installation.

Please proceed with this installation at your own risk. We will not be held responsible for any damage to yourself,your controller, your Xbox 360 console or any other equipment.

Tools Needed

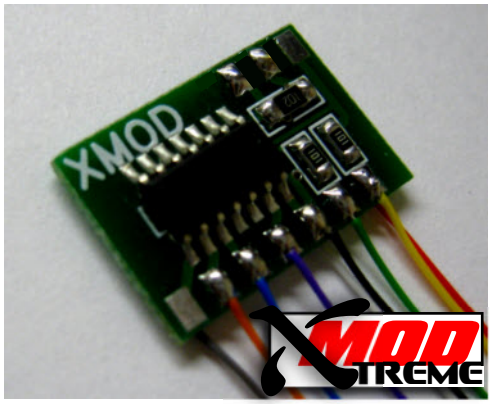
Soldering Iron with rosin core solder.
Hot Glue gun with glue sticks.
Wire cutters and wire strippers (that can strip 30ga wire).
Small Phillips head screwdriver. (for wired controllers)
5/32 drill bit
Torx T8 Security screwdriver.
(You may also use a 2.0 precision flathead screwdriver if you can't find a security torx screwdriver).

TORX SCREW

T8

TACTILE SWITCH

XMOD RAPID FIRE CHIP



Wireless Controller Identification

With the battery cover removed it is easy to identify the OLD and the NEW style controllers. See the images below.

This kit must be installed on the **NEW CG/CG2** Board Controllers **only.**
It is not compatible with the **OLD MATRIX** Board.

OLD MATRIX WIRELESS BOARD

From the battery door area you can see that there is **NO CAPACITOR** on the left side, while the other two versions do have a capacitor.

**** NOT COMPATIBLE ****

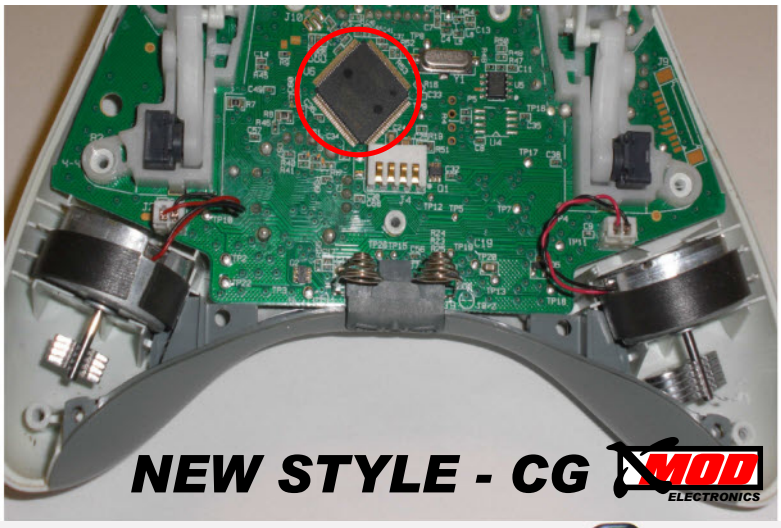
NEW CG WIRELESS BOARD

From the battery door area you can see the **CAPACITOR** is horizontally oriented.

NEW CG2 WIRELESS BOARD

From the battery door area you can see the **CAPACITOR** is vertically oriented.

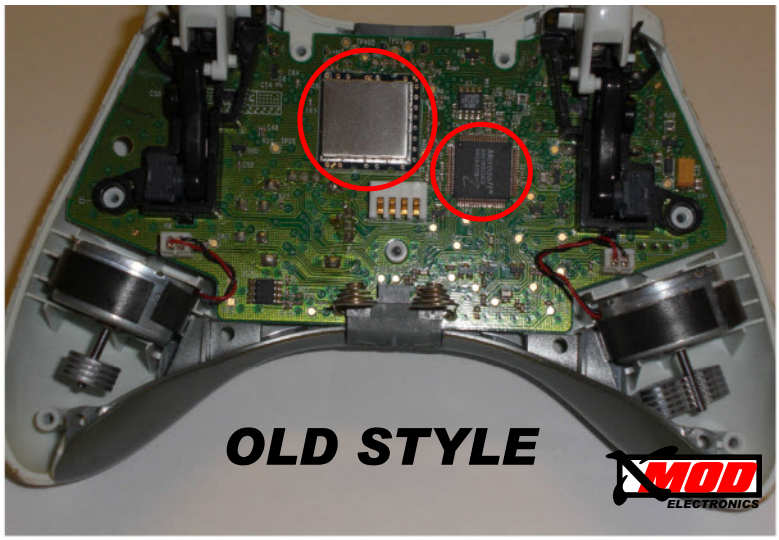
In the NEW style-CG Controller, you will see a single chip rotated 45 degrees



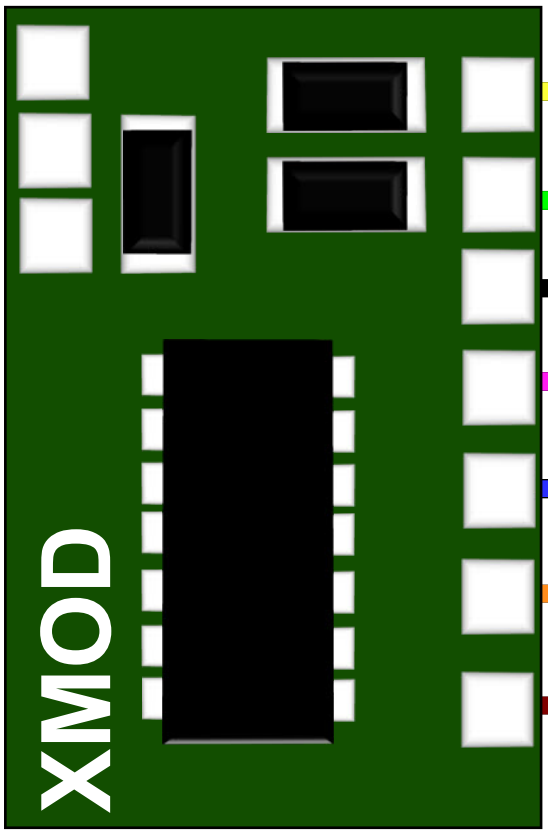
In the NEW style-CG2 Controller, you will see a single chip .

** NOT COMPATIBLE **

In the old style controller There are two chips. Some controllers will not Have the silver shield over the larger chip.



XMOD RAPID FIRE BOARD



YELLOW — D — RT (middle)

GREEN — I — LT (middle)

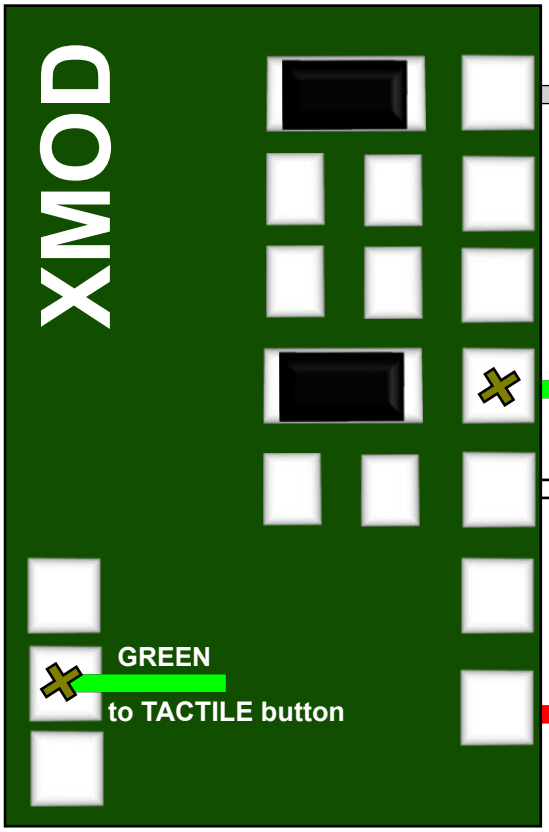
BLACK — E — RT (down)

PURPLE — C — RT (up)

BLUE — B — X button

ORANGE — A — Y button

BROWN — J — B button

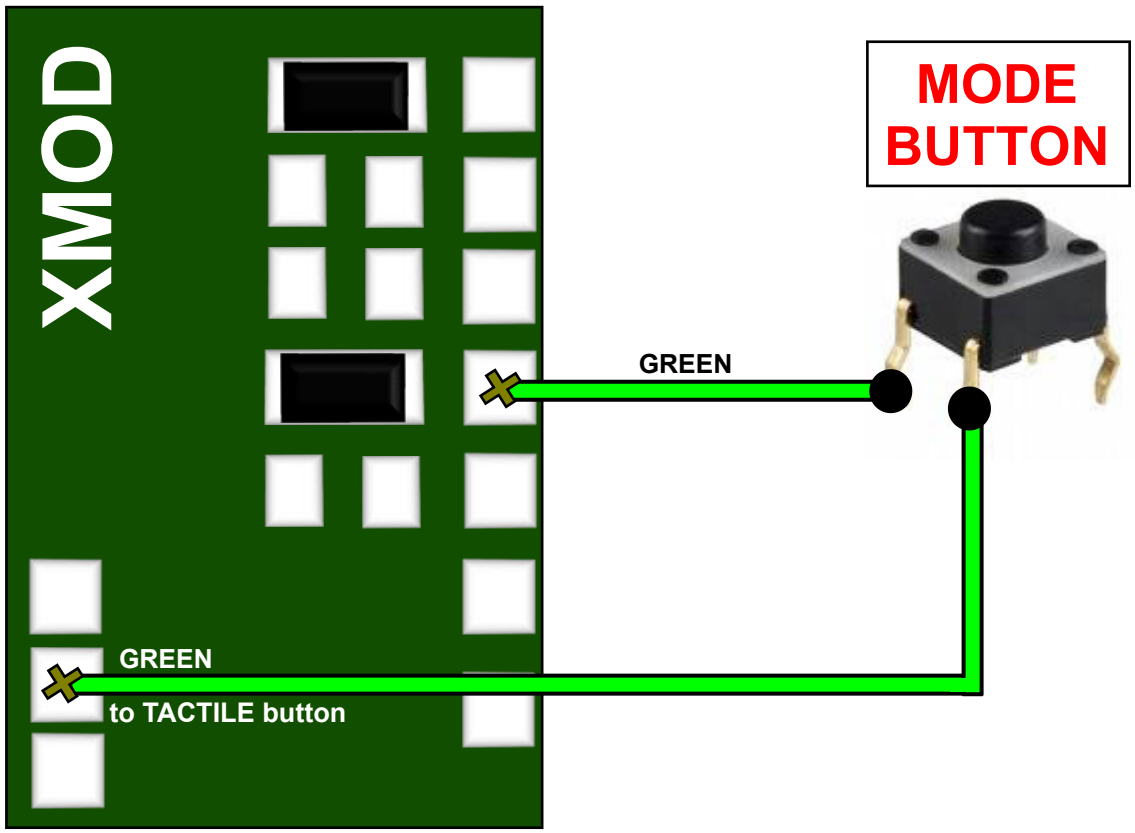


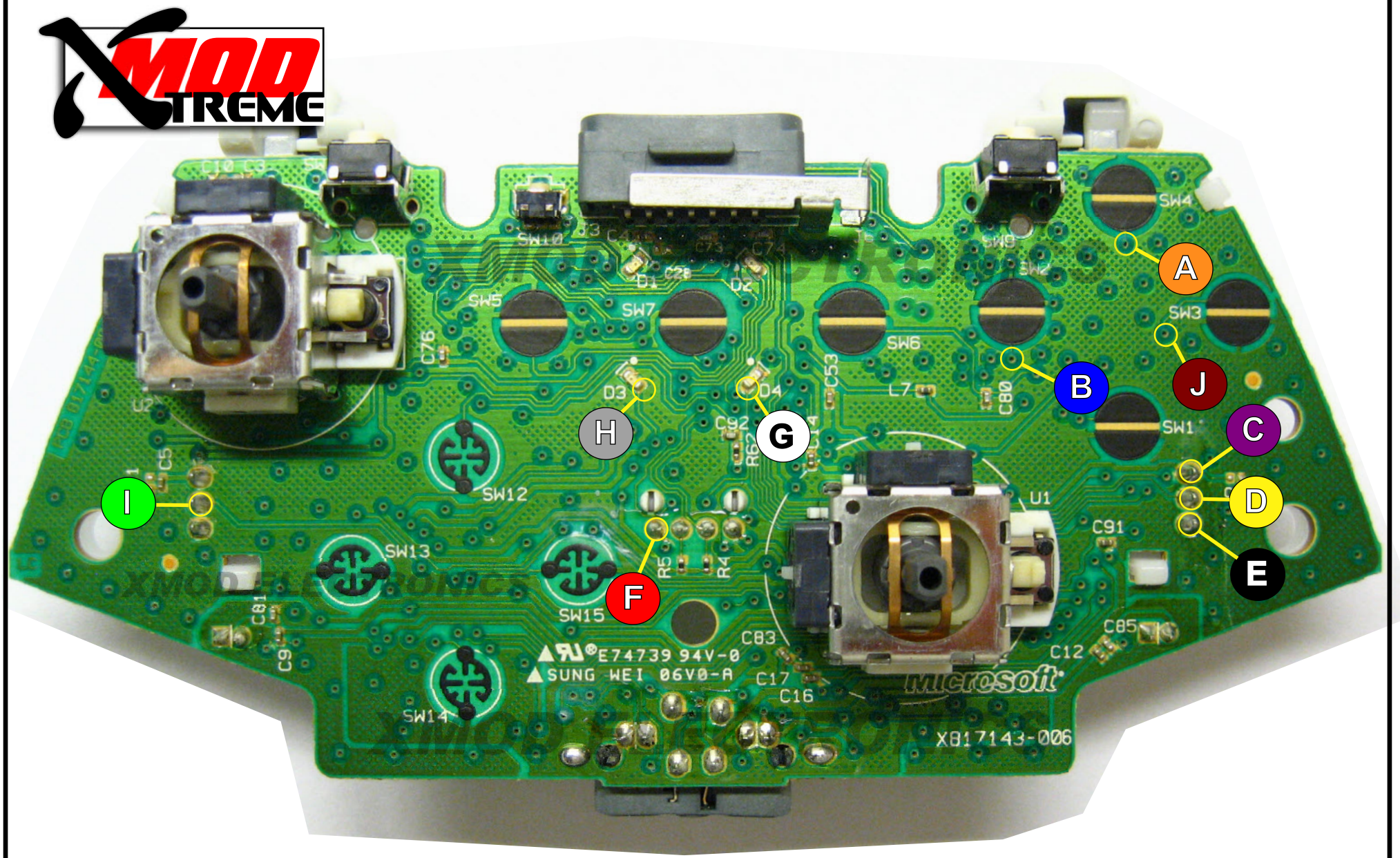
GRAY — H — 3rd Player LED

GREEN — to TACTILE button

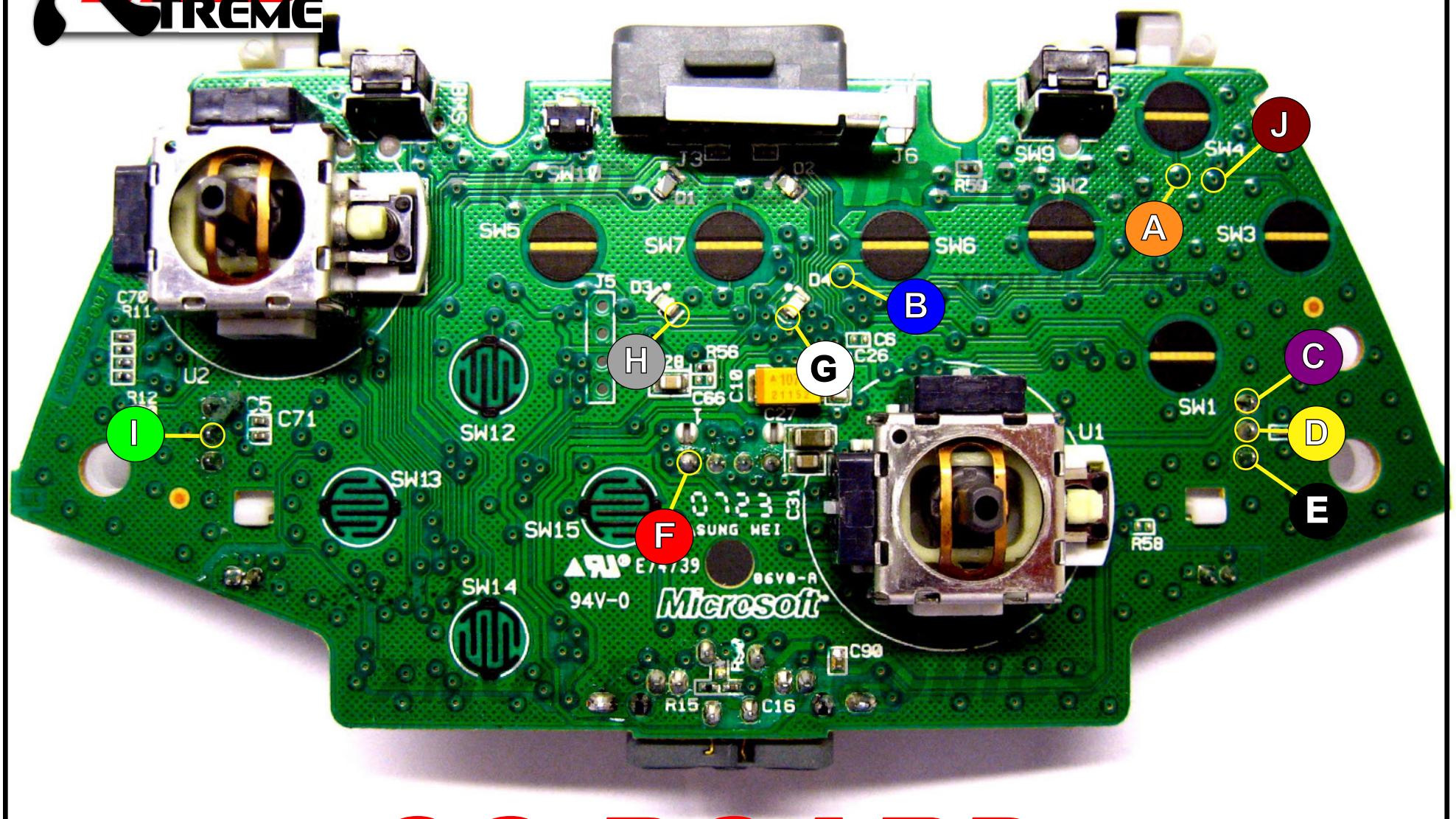
WHITE — G — 4th Player LED

RED — F — Positive

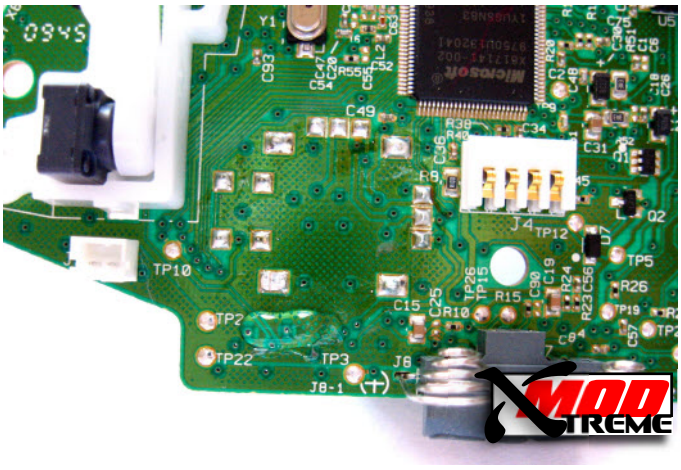

XMOD
MODE
BUTTON
GREEN
GREEN
to TACTILE button

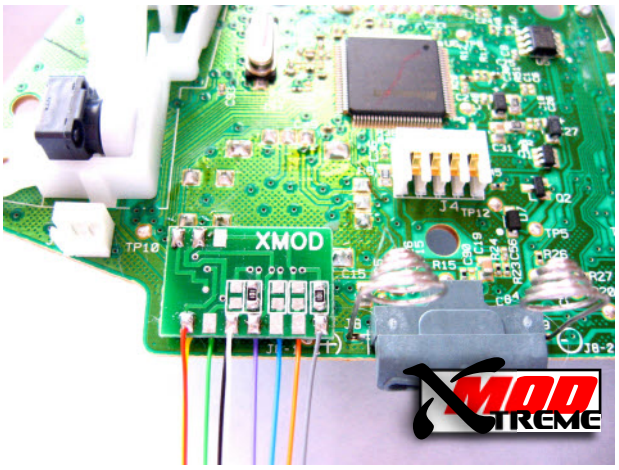

A
B
C
D
E
F
G
H
I
J
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
SW10
SW12
SW13
SW14
SW15
U1
U2
Microsoft
X817143-006
E74739 94V-0
SUNG WEI 06V0-A

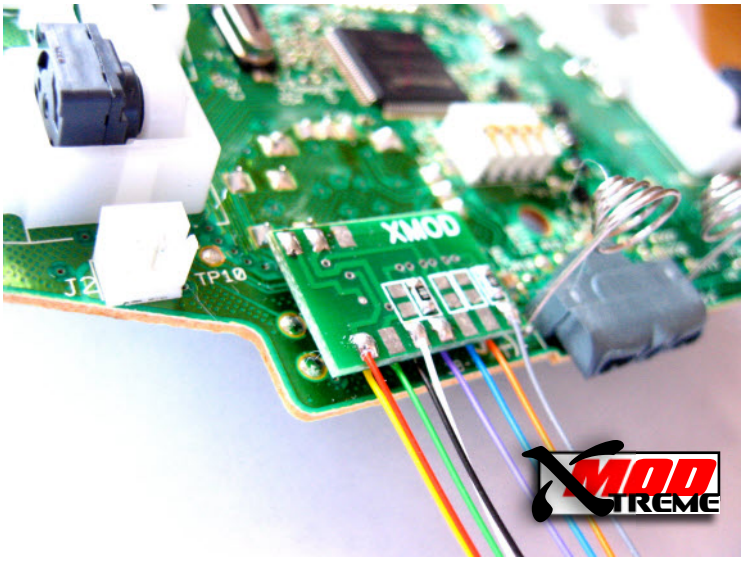
CG2 BOARD

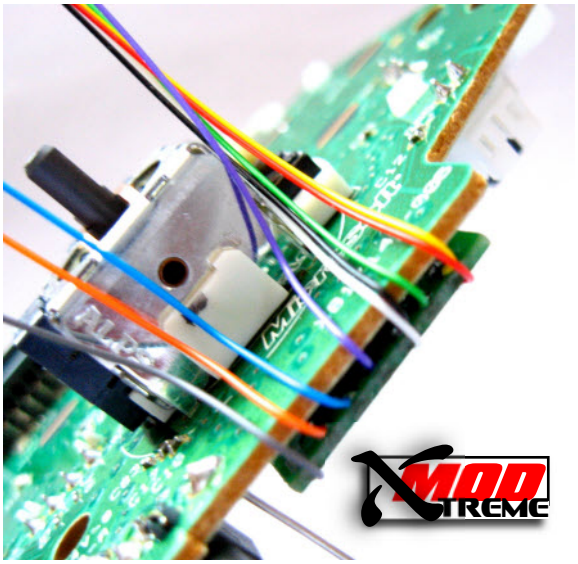

J
A
B
C
D
E
F
G
H
I
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW9
SW10
SW12
SW13
SW14
SW15
U1
U2
J3
J5
J6
D1
D2
D3
D4
R56
R58
R59
R15
R12
C5
C6
C10
C16
C26
C27
C66
C70
C71
C90
C31
SUNG WEI
94V-0
Microsoft

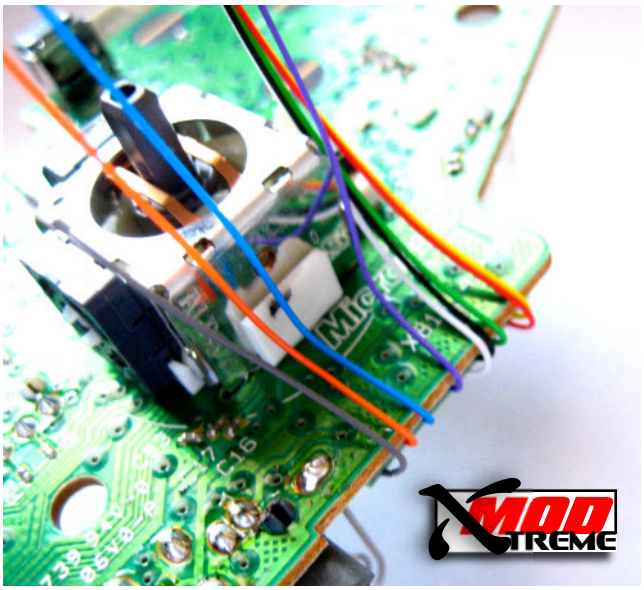
CG BOARD

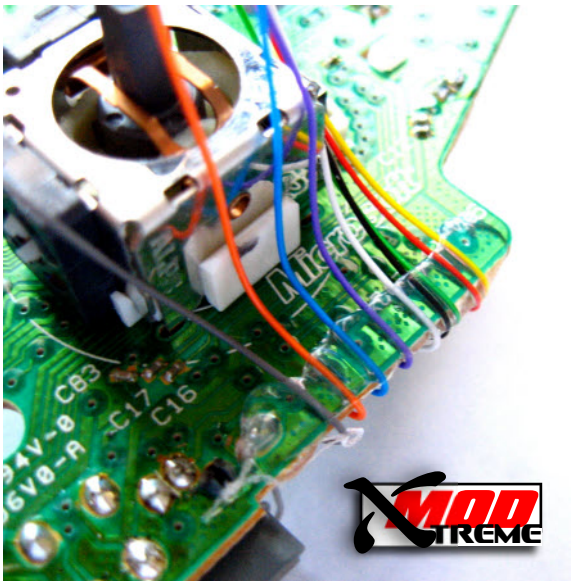




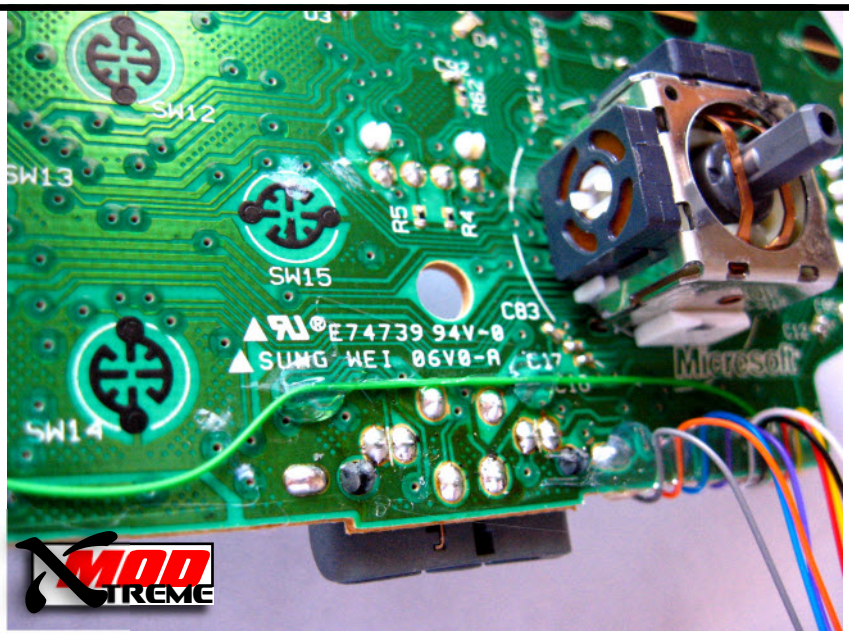


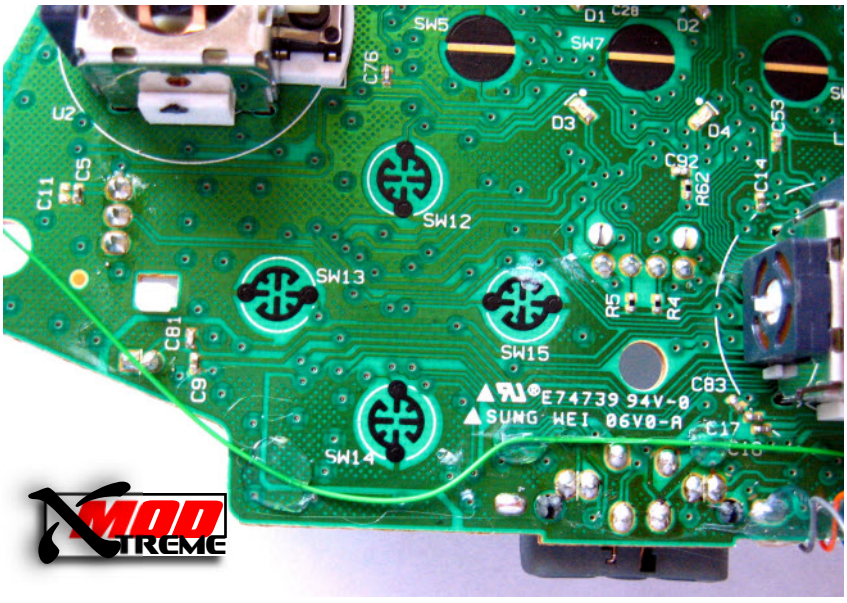


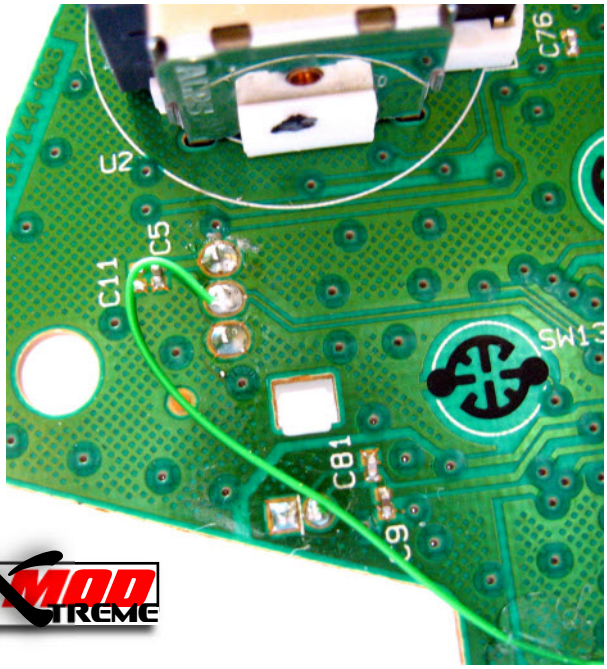




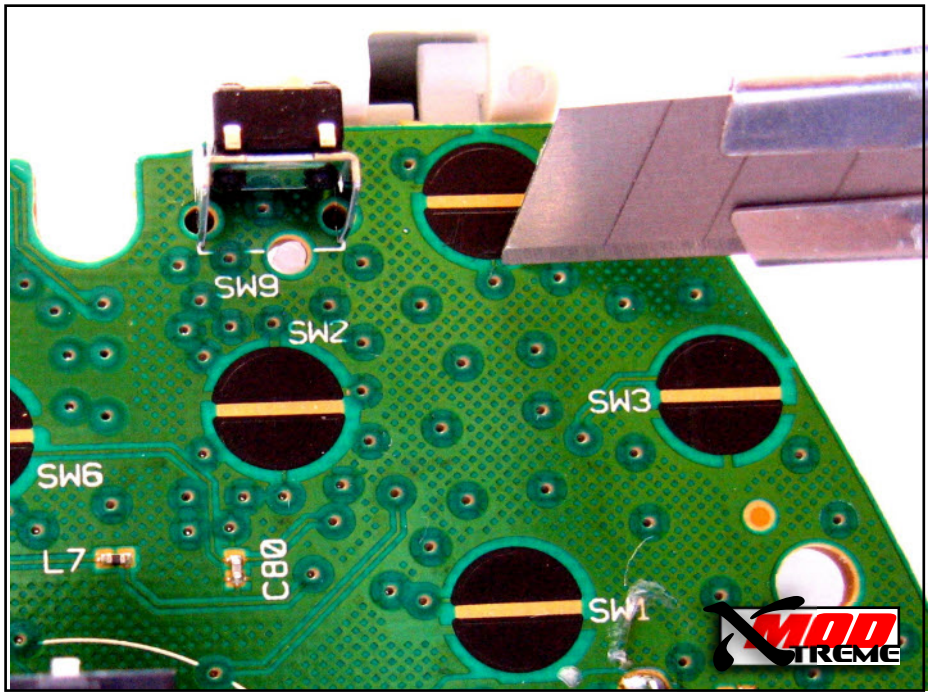
Attach the chip and wires to the PCB using a hot glue

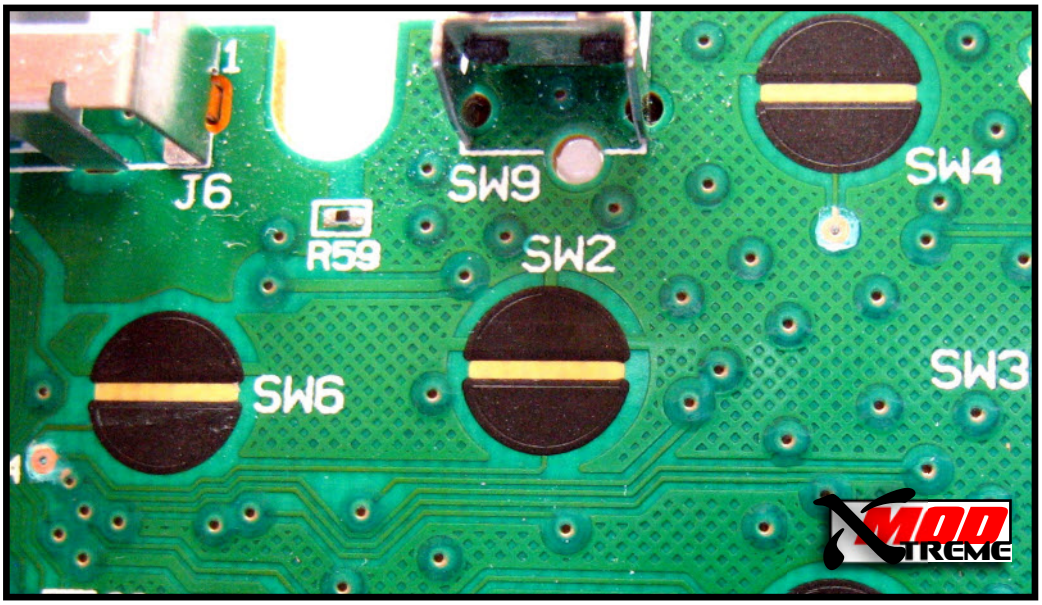

SW12
SW13
SW15
SW14
C83
E74739 94V-0
SUNG WEI 06V0-A
C17
R5
R4
Microsoft

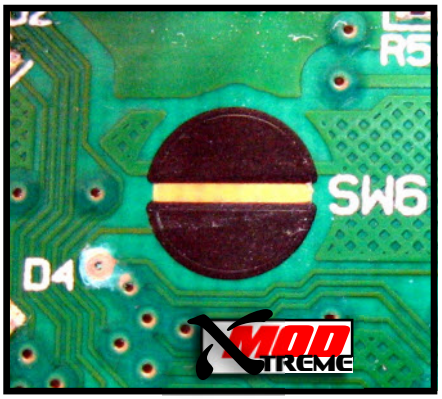

SW5
SW7
D1
D2
D3
D4
U2
C76
C11
C5
C92
R62
C14
C53
SW12
SW13
SW15
SW14
C81
C9
R5
R4
C83
E74739 94V-0
SUNG WEI 06V0-A
C17

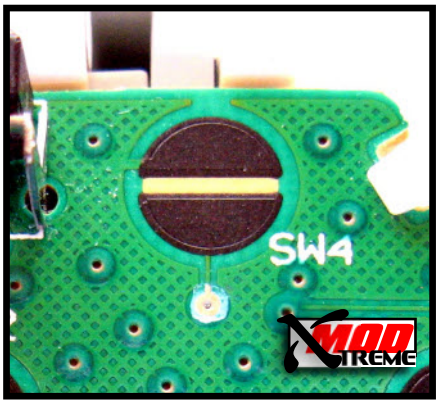

C76
U2
C5
C11
SW13
C81
C9

X - Y - B BUTTONS

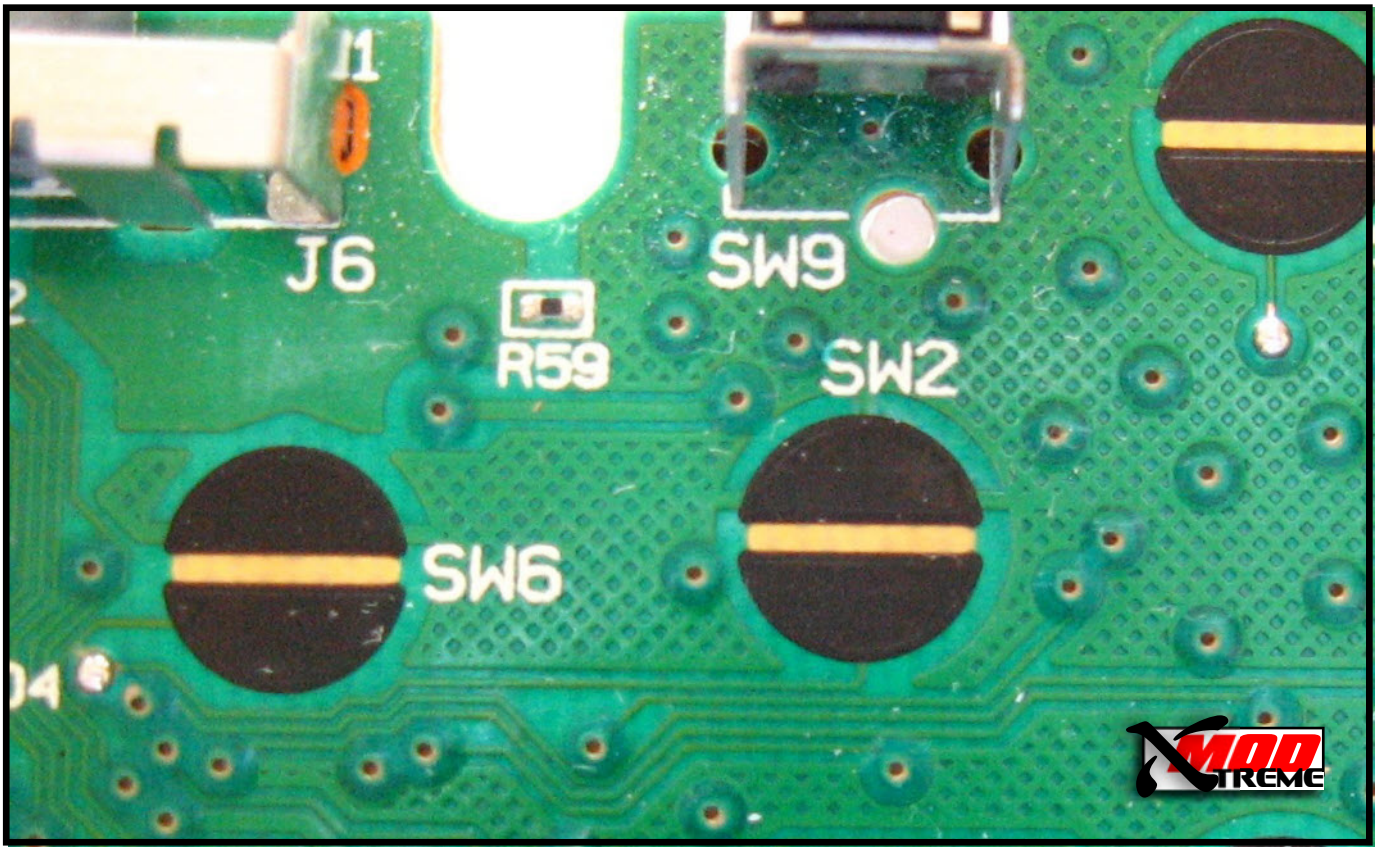


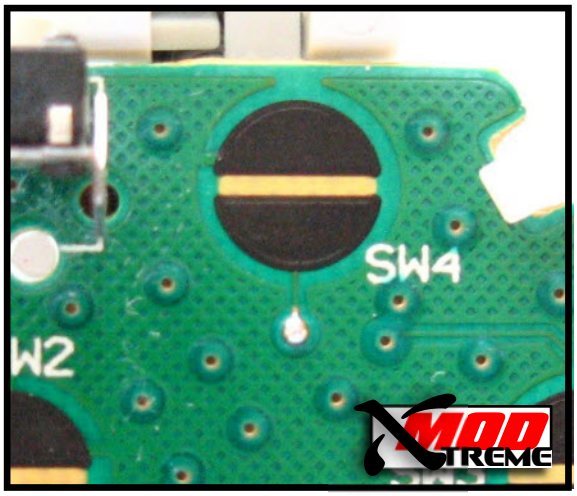


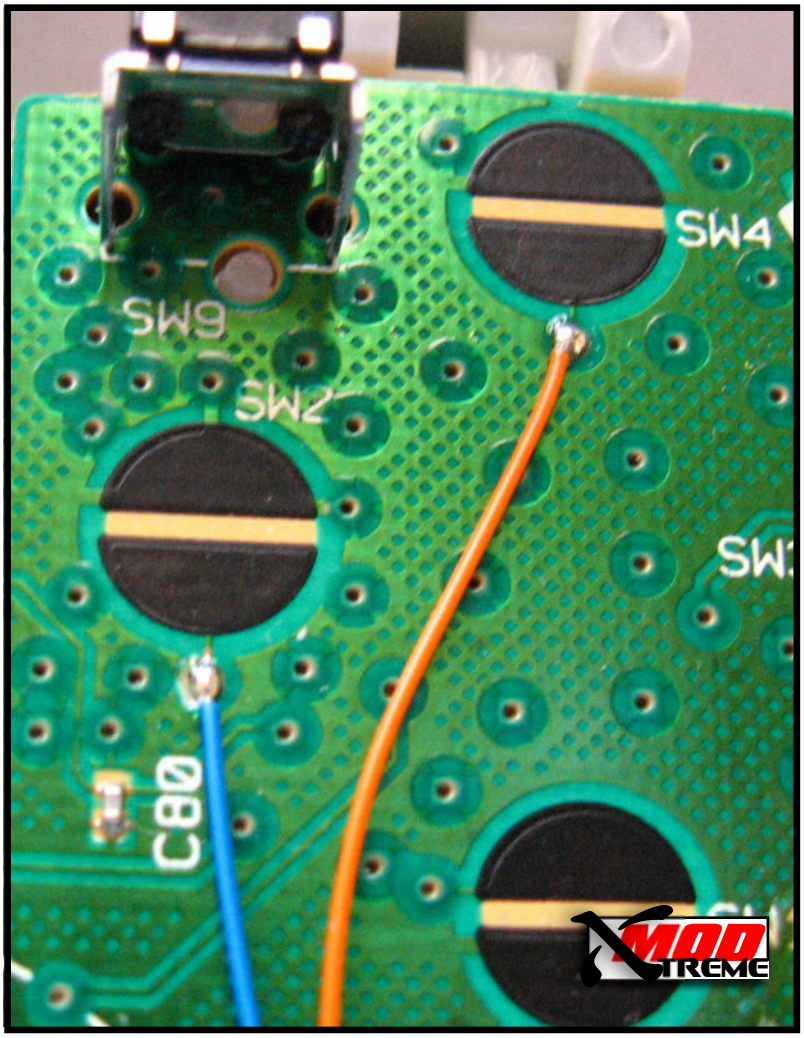




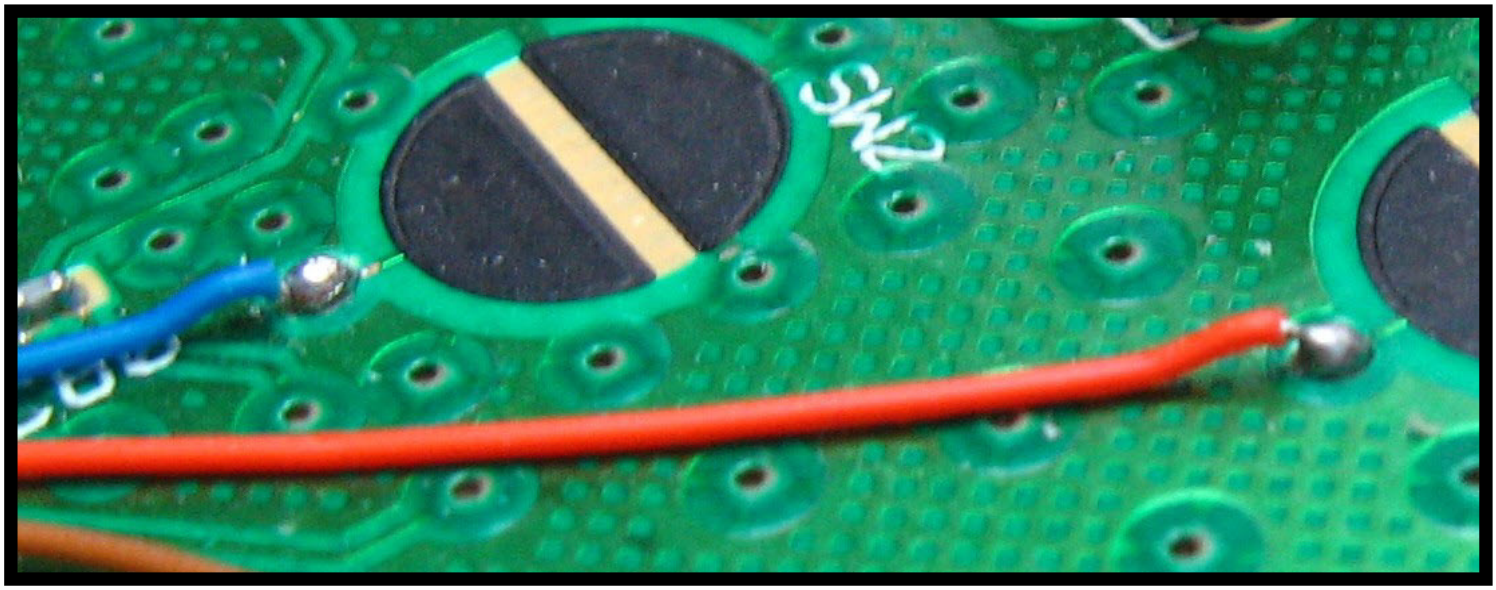
With the help of a magnifier and an exacto or box cuter blade **carefully scrape** the via's protective coating off till you see the copper, **but not any further** or you will damage the copper trace.

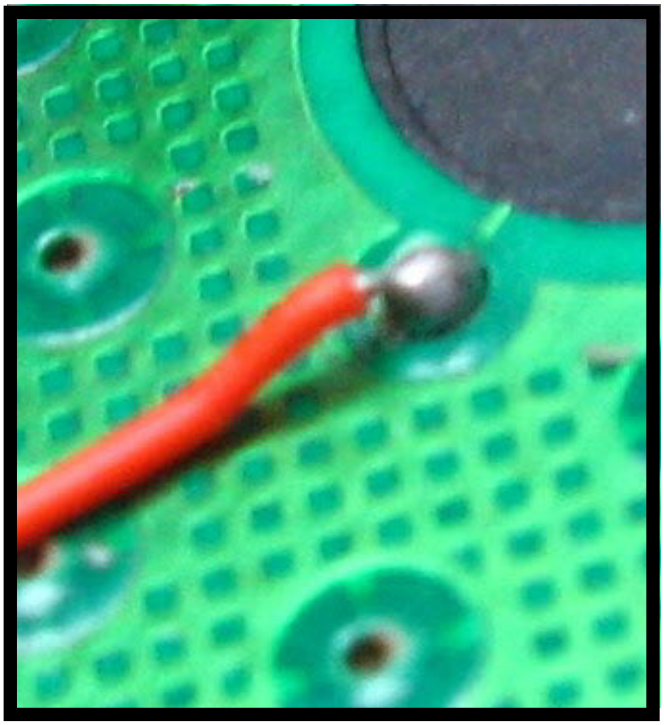


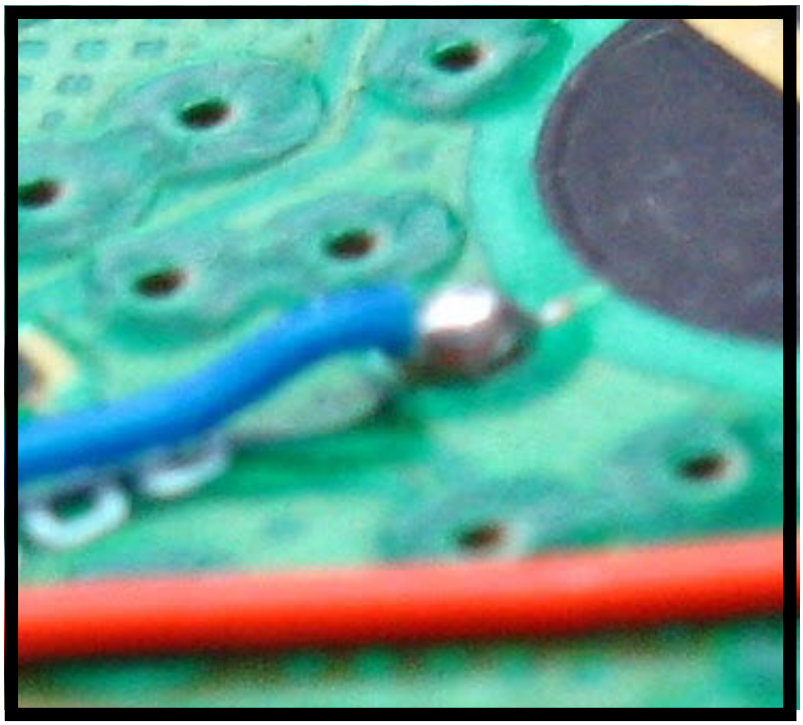




Apply a little bit of solder on the scraped area and then attach the wires

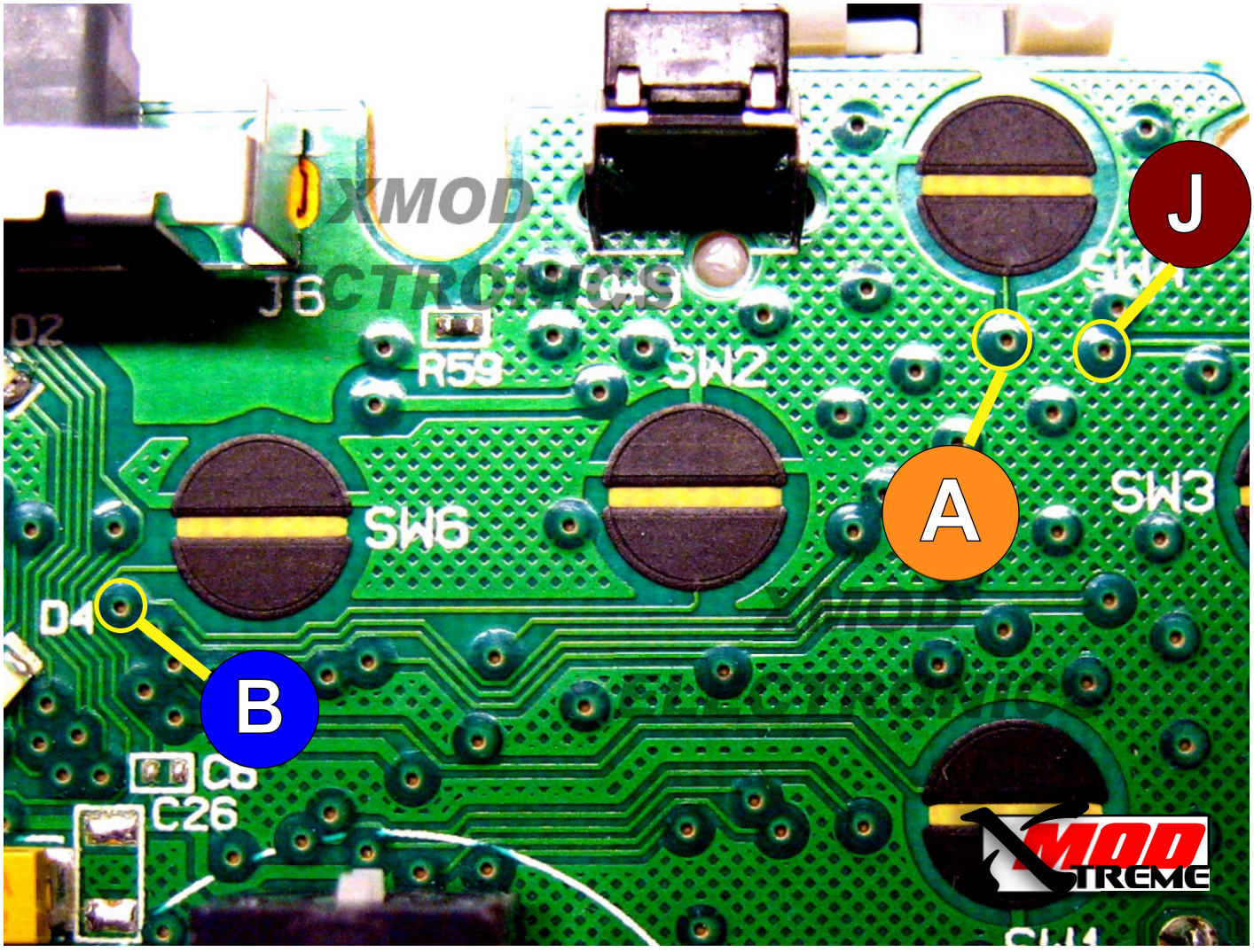






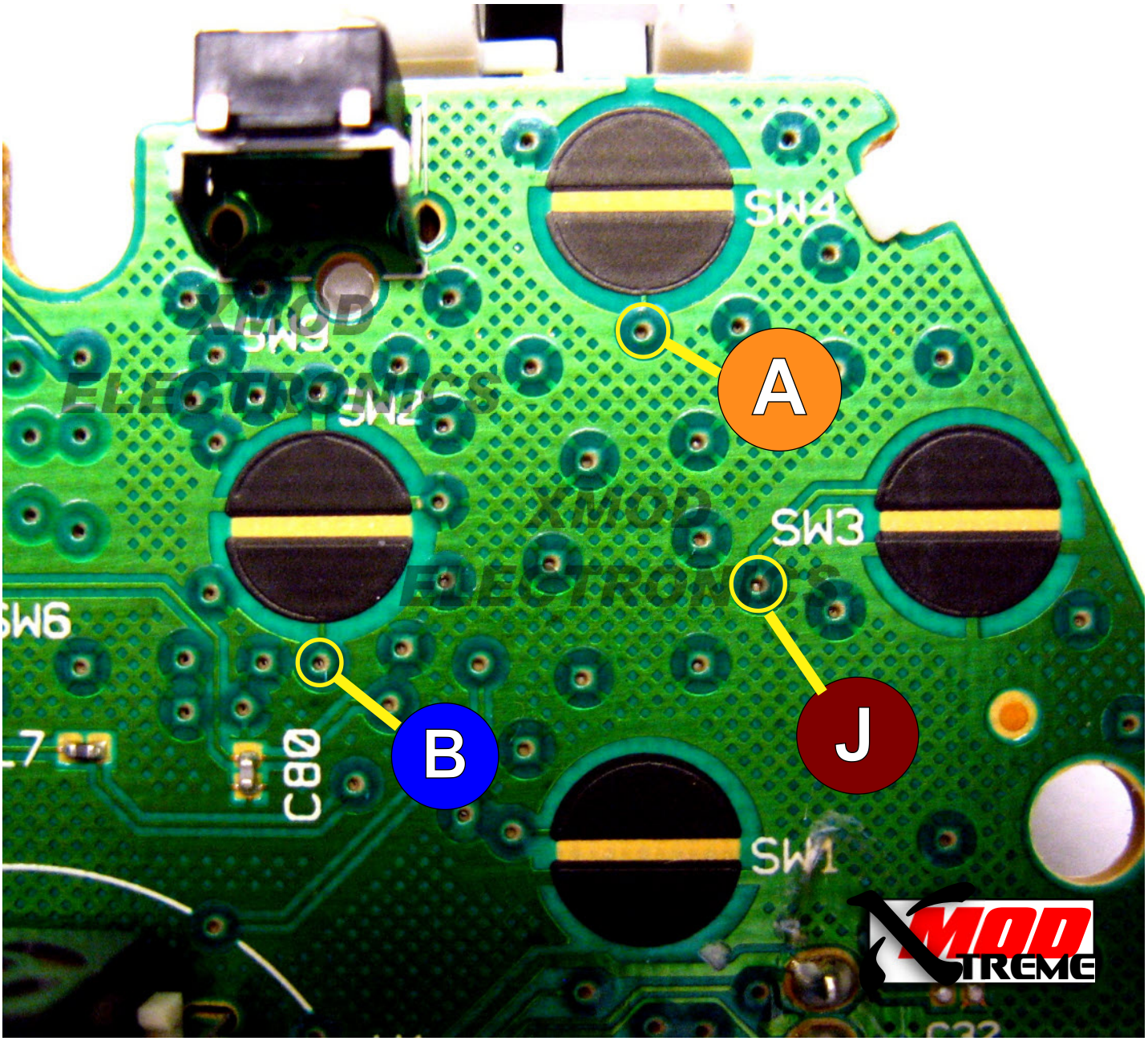
CG BOARD

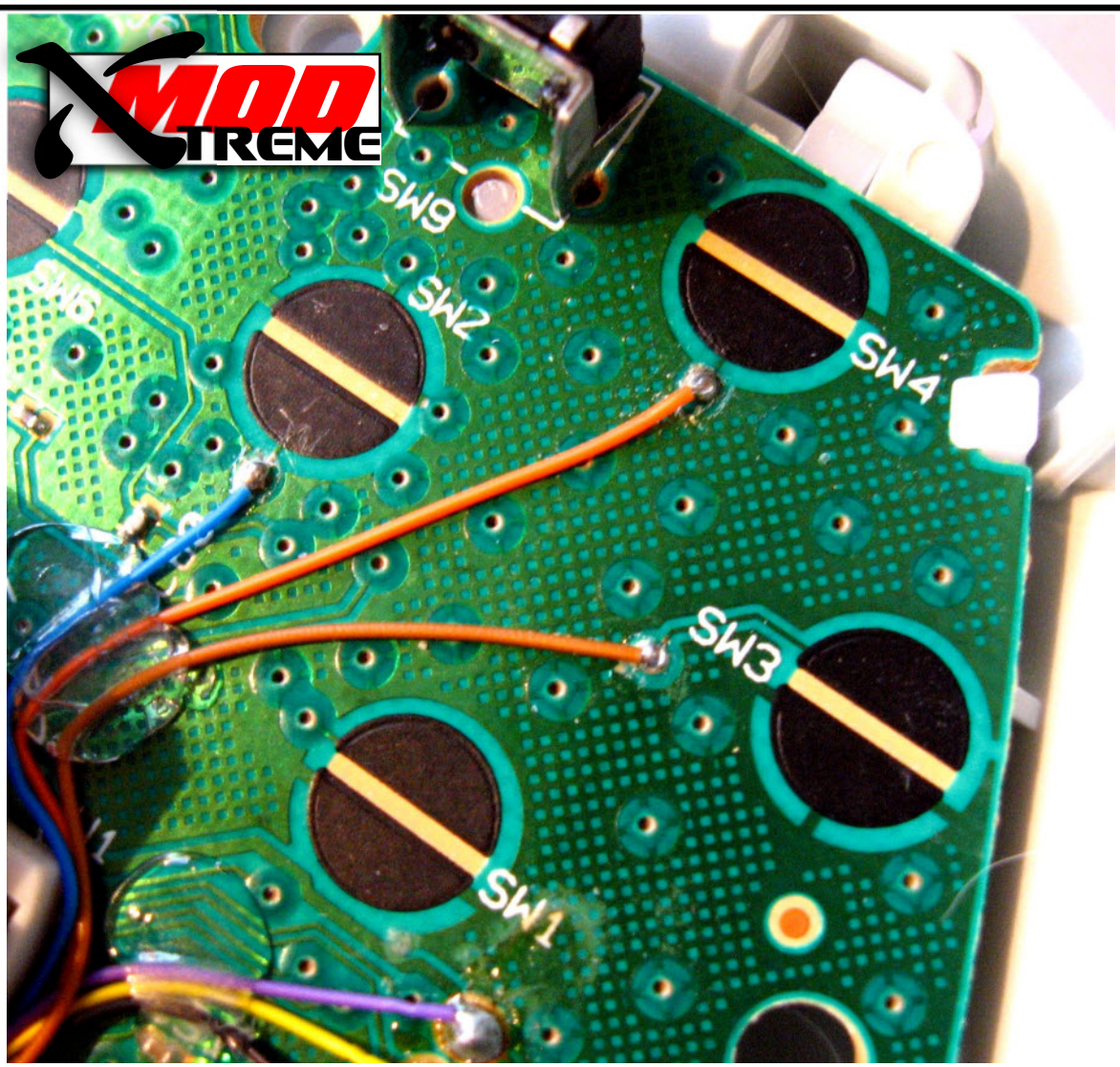
X - Y - B BUTTONS

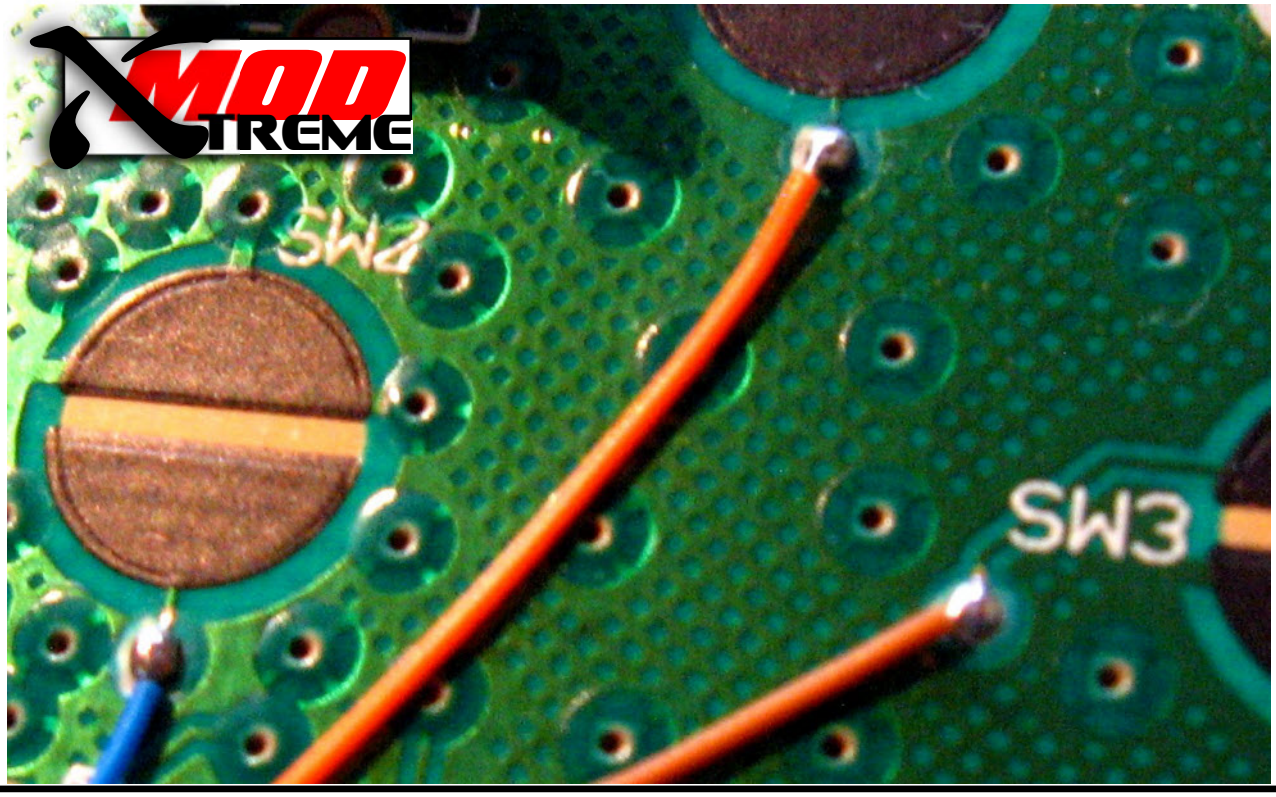


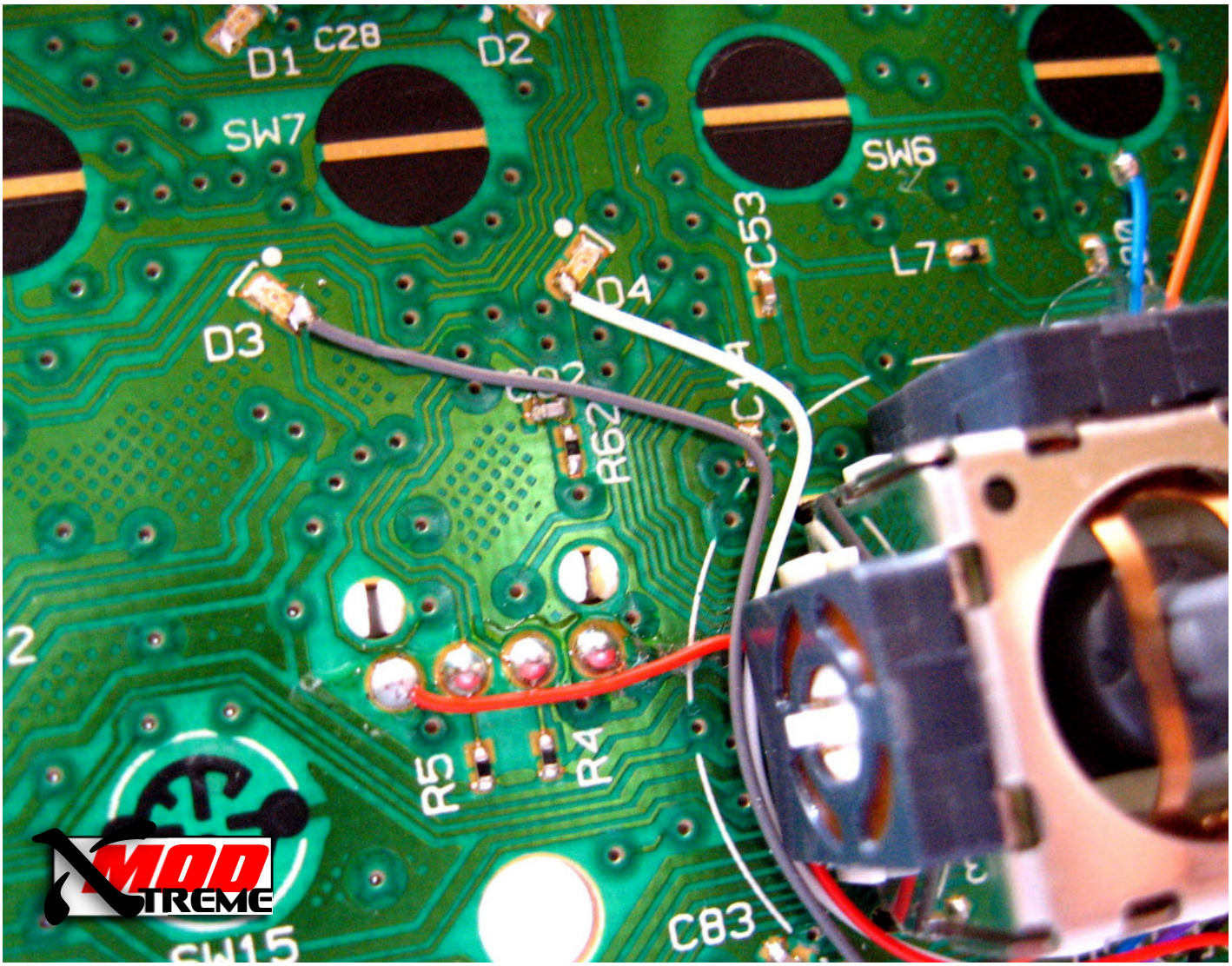
CG2 BOARD

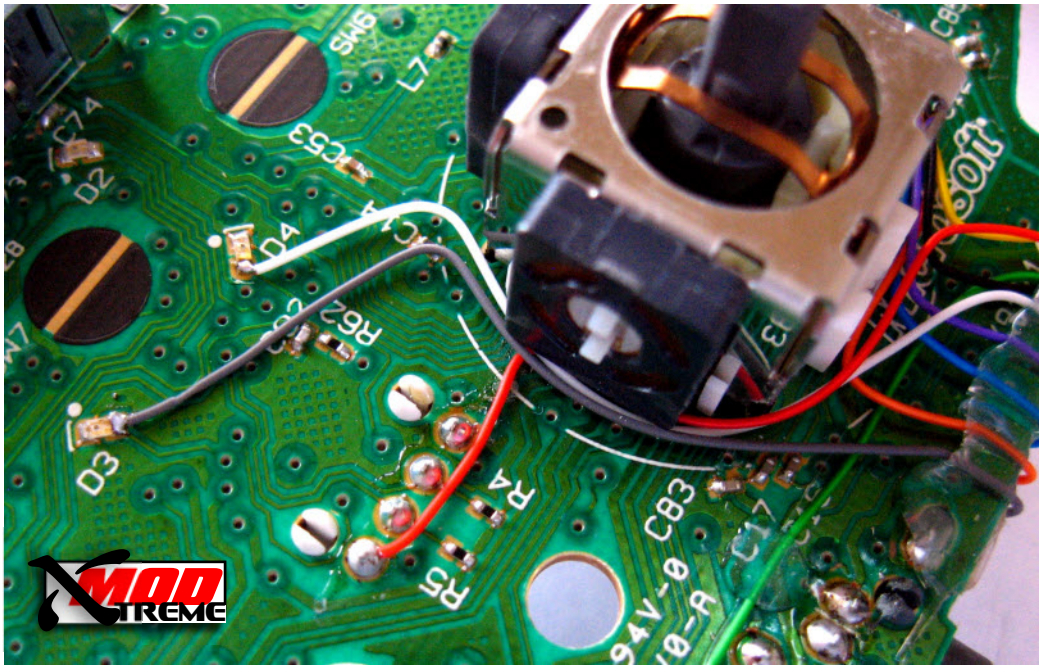
X - Y - B BUTTONS



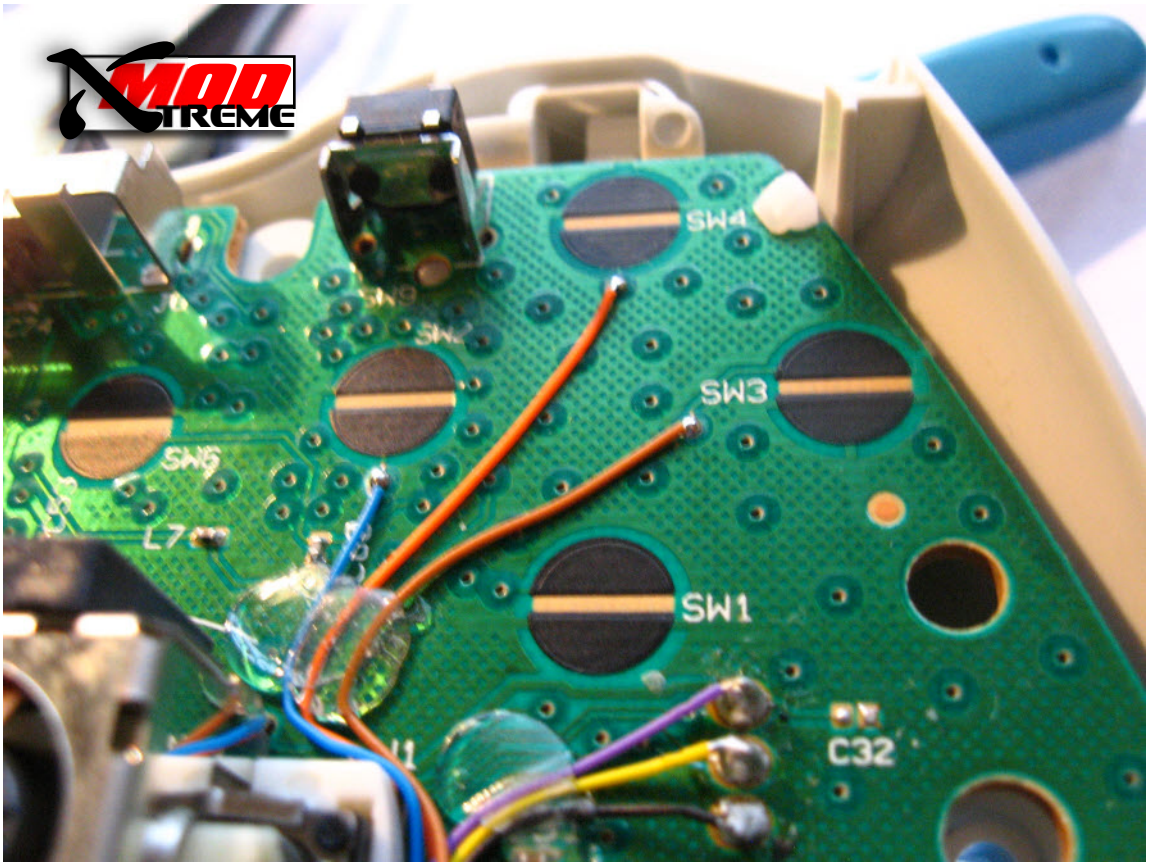

SW9
SW2
SW4
SW3
SW1

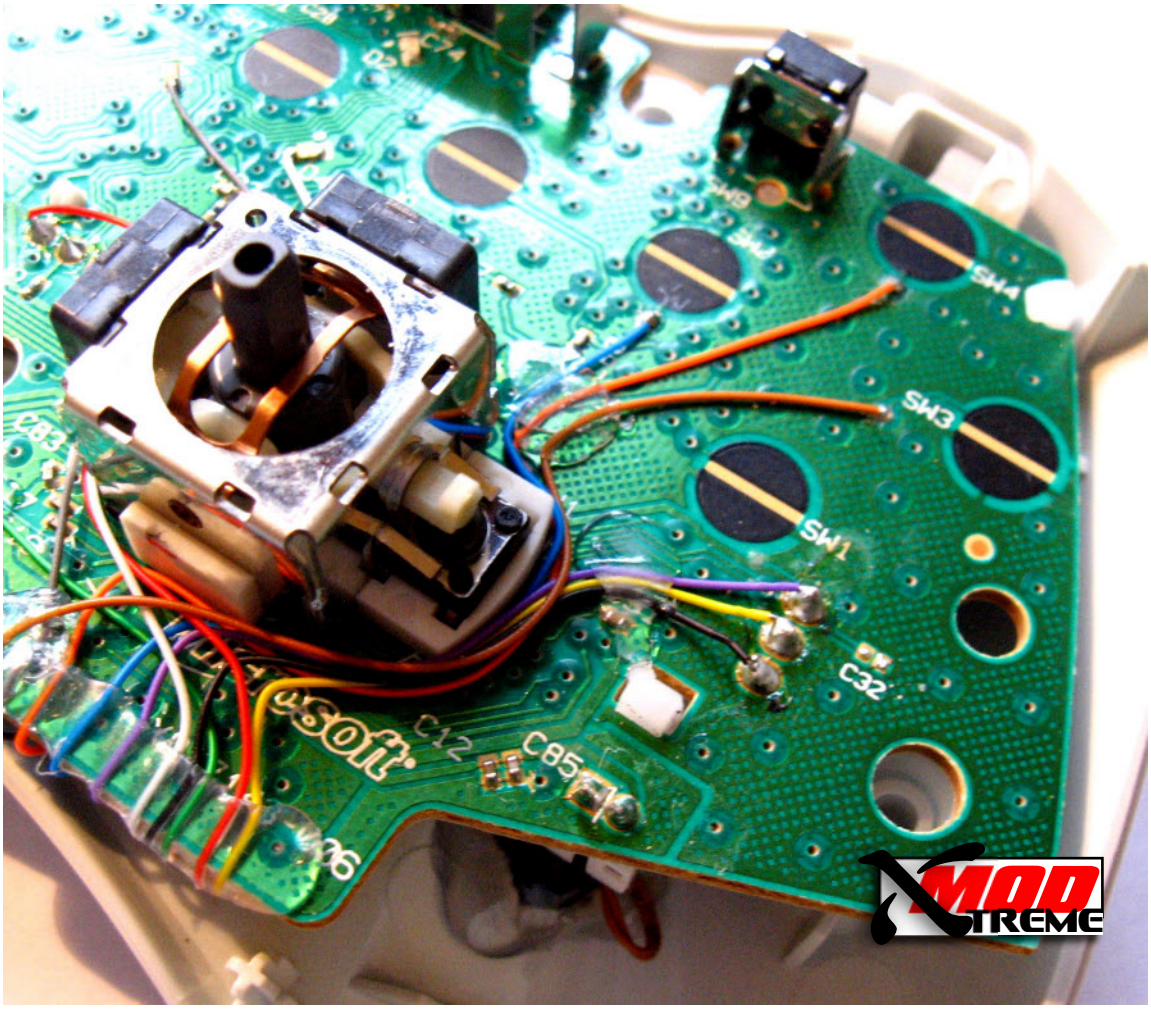

SW4
SW3

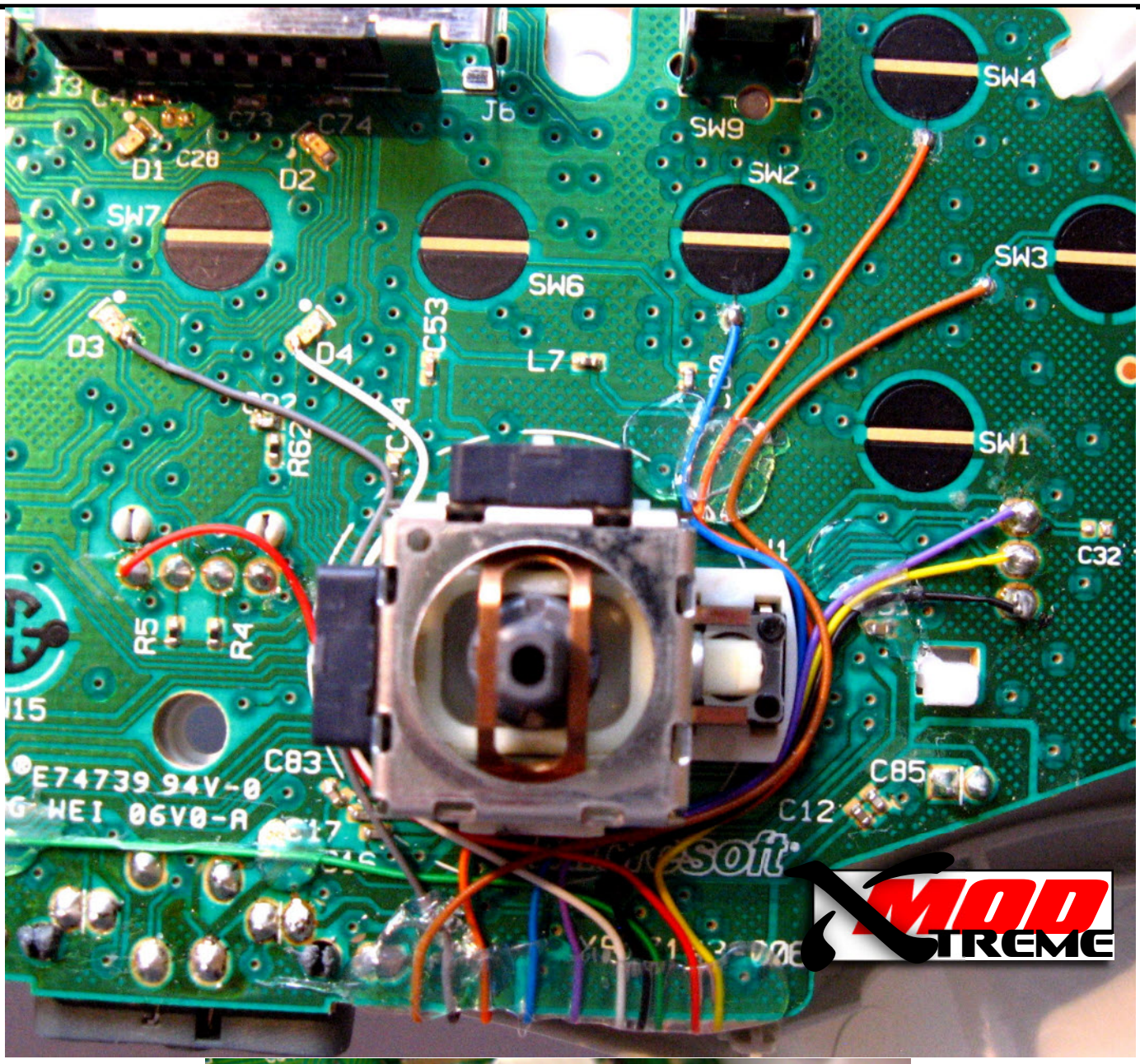




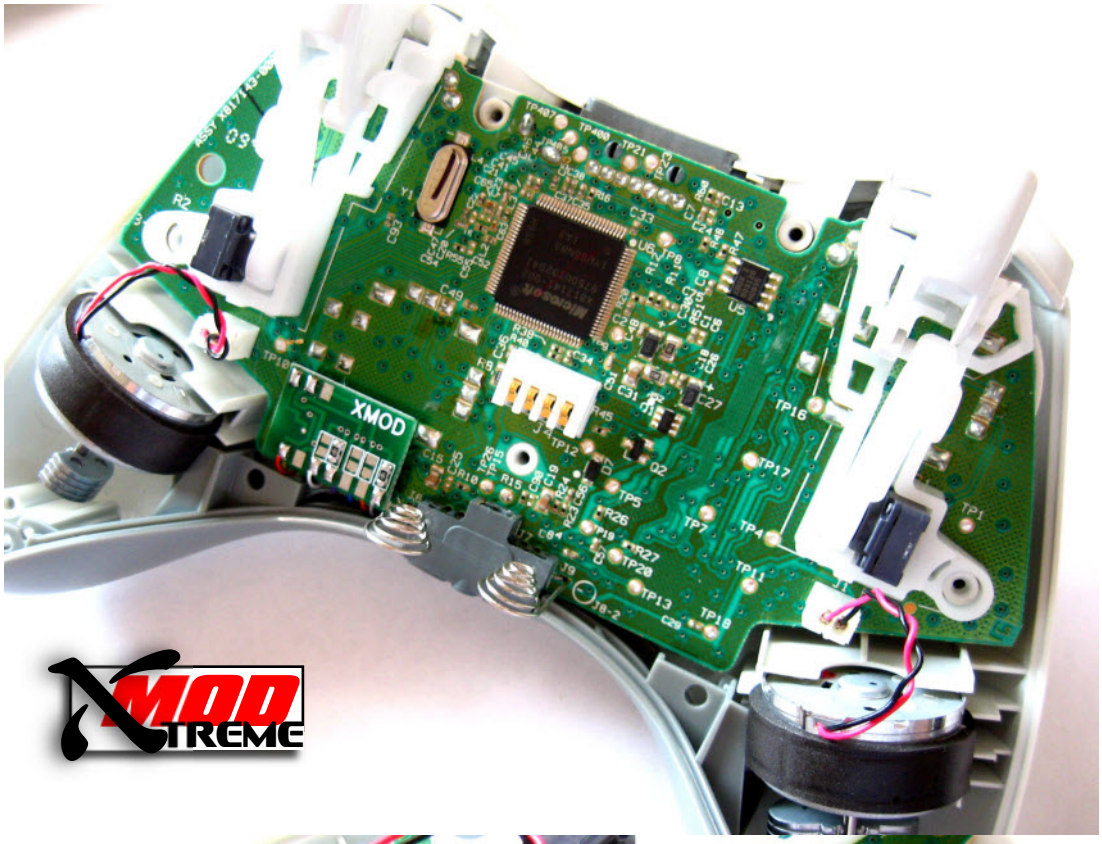
Make sure not to apply to much heat while you are soldering the LEDs, it will cause a malfunctioning or you can easily burn them.

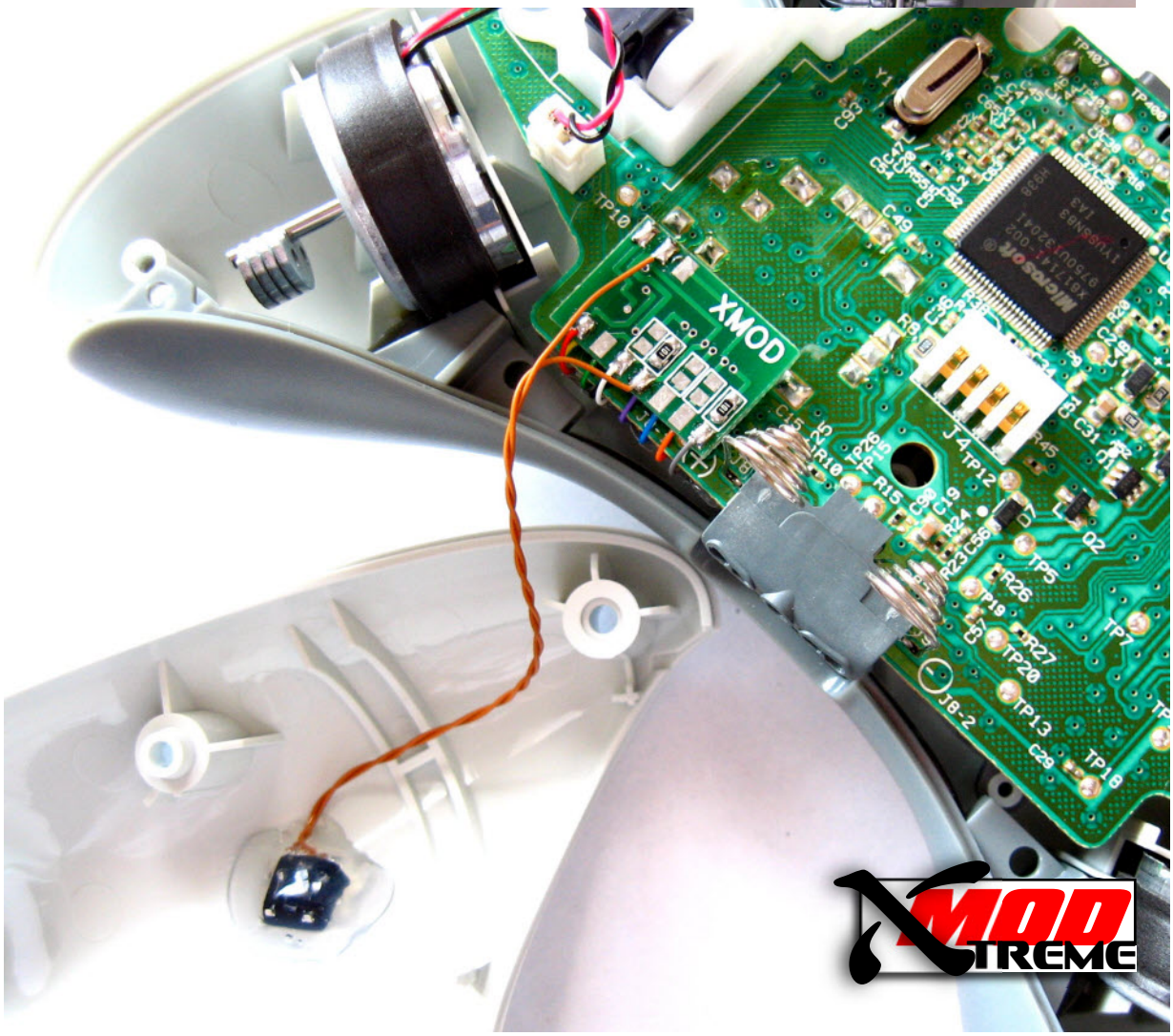

SW4
SW3
SW5
L7
SW1
C32

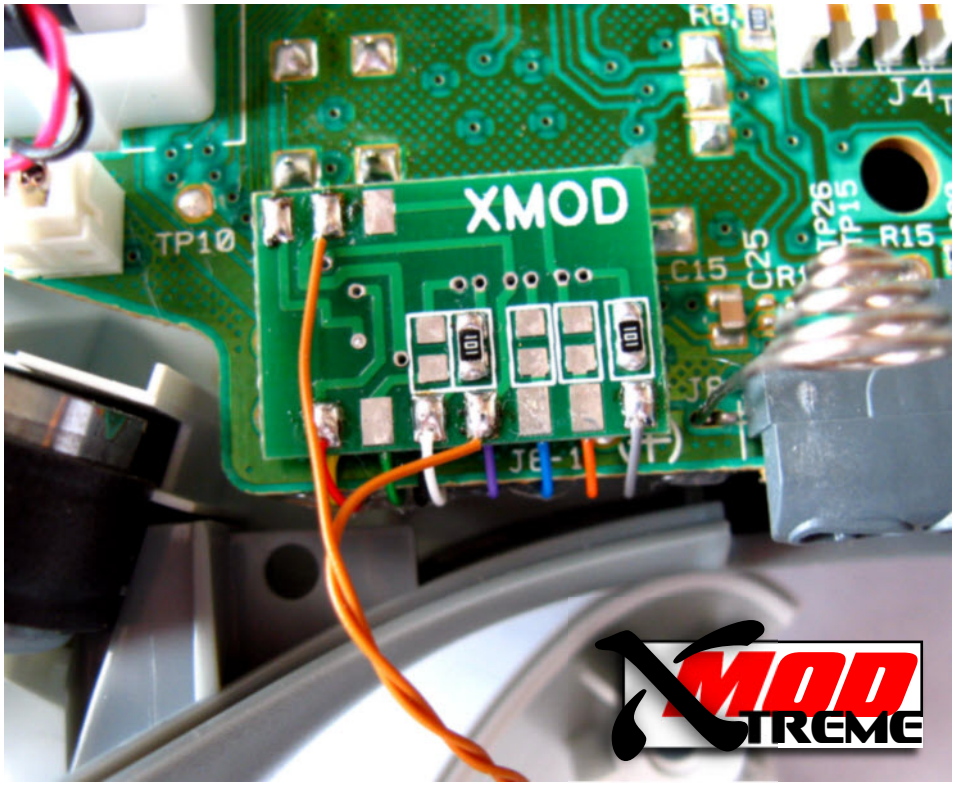

SW4
SW3
SW1
C32
C12
C85

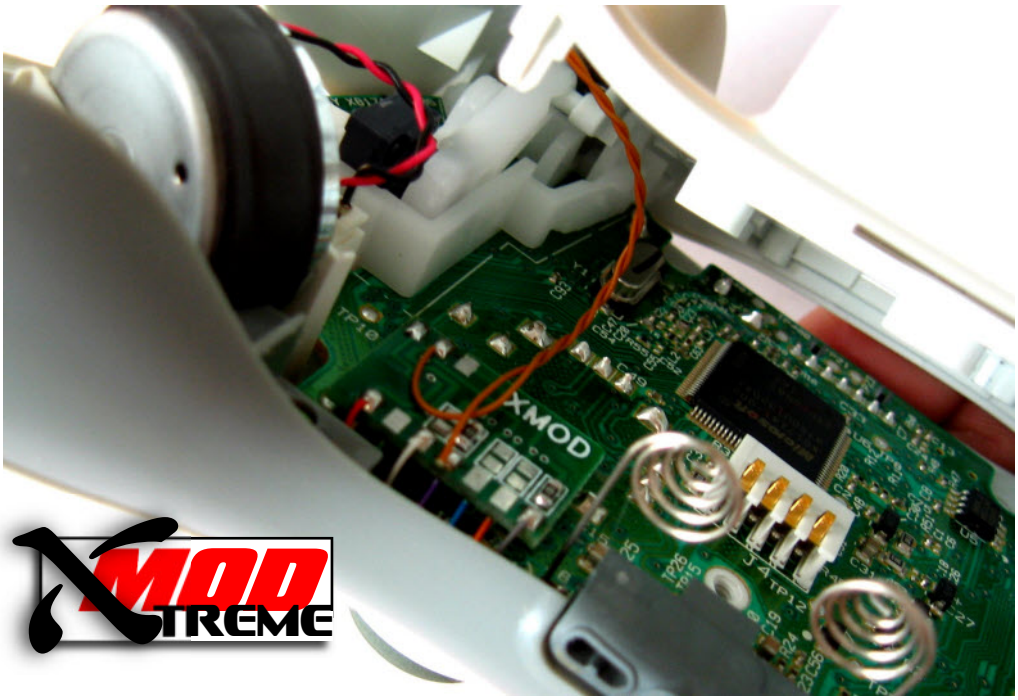

SW4
SW9
J6
SW2
SW7
SW6
SW3
D1
C28
D2
C73
C74
D3
D4
C53
L7
R62
SW1
C32
R5
R4
C83
E74739 94V-0
WEI 06V0-A
C85
C12
XMOD

Drill one hole with a 5/32 drill bit. Next use hot glue to secure the button in place. **Do not** attempt to use Super Glue or any other adhesives as it will soak into the button mechanism and cause it to stop working.


XMOD
XTREME


XMOD
XTREME





The last thing you need to do is reassemble everything. The easiest way we found to do this is to leave the top piece face down so all the buttons do not fall out, and hold the PCB to the back of the controller and flip it over on the top case. Align the rumble motors so they are in their holders and lay the PCB and back of the case onto the front of the case. Keep it face down and use your finger to work the thumb sticks through the holes and work the case closed. Do not force it, you may have wires preventing the case from closing entirely. Just go slow and look at any areas to see what is stopping it from closing all the way.
Now just screw the controller back together and your done.

Our **XMOD RAPID FIRE CHIP** uses the RIGHT and LEFT TRIGGERS to fire your weapon. Simply choose the rapid fire setting you are most satisfied with, and press the triggers to fire. It will dramatically increase your performance and accuracy during the game play.

This **XMOD RAPID FIRE CHIP** has been designed specifically for the Call of Duty series, but works great for almost all first person shooters. This controller is 100% online compatible with recent game patches. Online compatible with COD 4-5-6, GoW 1-2, Halo 3, Halo ODST, Battlefield Bad Company 2, Left 4 Dead 1-2, and more!!!

XMOD Rapid Fire Kit-20 Modes

3 pre-programmed speeds (SLOW - MEDIUM - FAST).
1 User Programmable mode - 65 speeds.
JITTER MODES - Slow - Fast - Aim Assisted
BURST FIRE (2-3-4-5 round burst).
AKIMBO-MIMIC modes + AKIMBO-JITTER + AKIMBO BURST
DUAL TRIGGER modes.
AUTOMATIC DROP SHOT with or without Rapid Fire.
2 COD5-WAW online compatible modes (SLOW - FAST).
QUICK Rapid Fire ON/OFF.
ENABLE-DISABLE modes function.
DEFAULT RESET Function.
Easy operation with 2 LEDs status indicator.
Tactile push button for a quick access to all functions.

Connect a Wireless Controller to Your Console

Before you can use the Xbox 360 Wireless Controller with your Xbox 360 console, you need to insert batteries into the controller and introduce the controller to the console by wirelessly connecting the two.

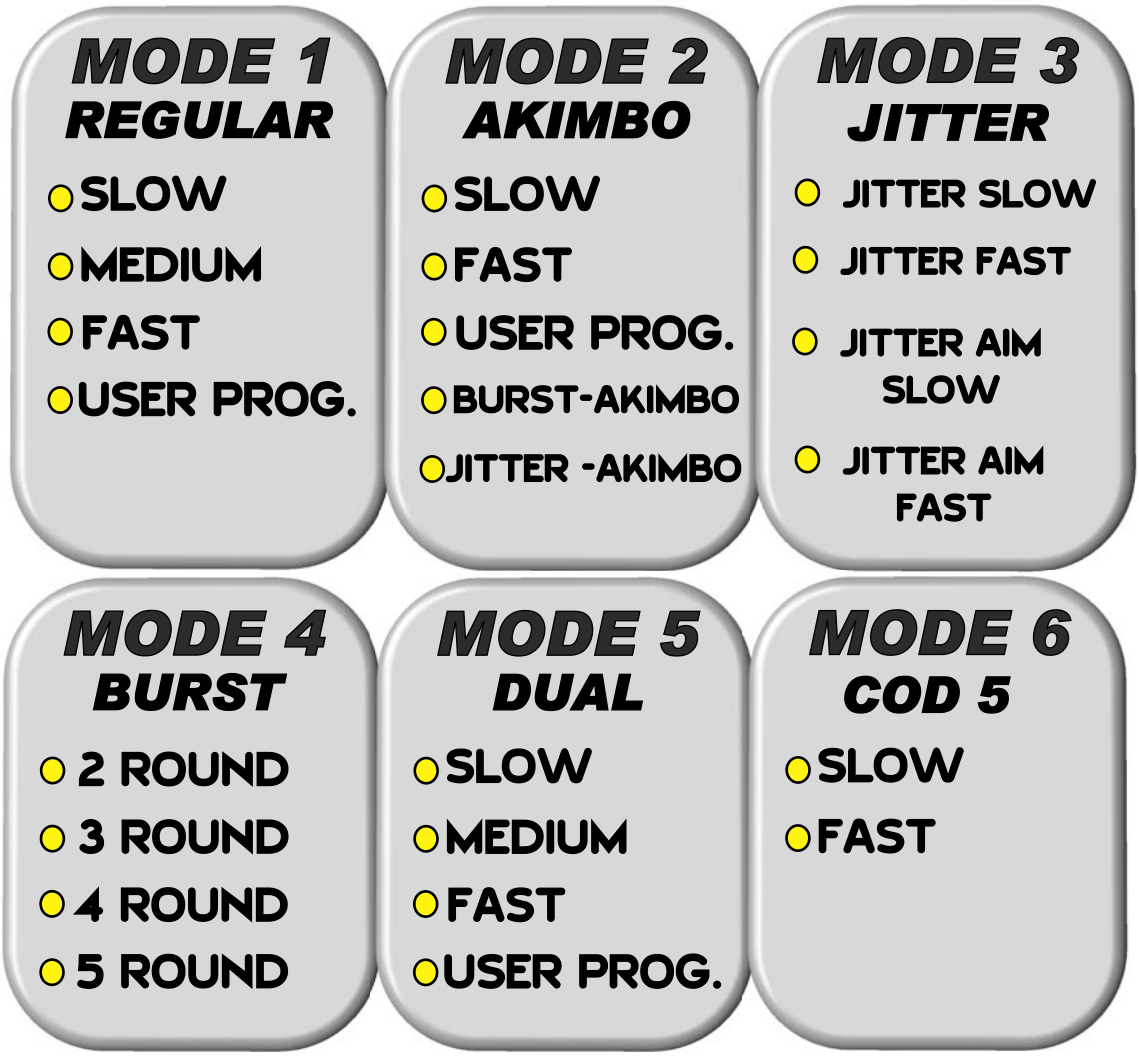
To connect your wireless controller to your console:

1. Press and hold down the Xbox Guide button or the Start button until the controller turns on.
2. If your console is not on, press the power button to turn on the console.
3. Press and release the connect button on the console.
4. Press and release the SYNC button on the controller.
5. After the Ring of Light on the console spins and the 1st Player LED on the controller blinks, your console and controller are connected.

This XMOD Rapid Fire Mod uses the **3rd** and **4th** player LEDs exclusively as a status indicator for a complete and easy look of the current functions.

RAPID FIRE MODES

To change modes:
Press & hold the **LEFT TRIGGER and TAP the MODE** button located underneath the controller to cycle through the 6 modes.
The **3rd** Player LED will blink to indicate the mode you are in.
Once the mode has been activated, **TAP the MODE** button to cycle through the different speeds.
The **4th** Player LED will blink to indicate the speed you are in.



USER PROGRAMMABLE MODE

This adjustable rapid fire mode gives you the freedom to easily make your own speed. You can choose anywhere from 5sps - 35sps. In that range, there are 60 speeds to select from. You can slow down automatic weapons to pinpoint precision or even speed single shot weapons to unreal speeds.
The programmed speed will be kept on memory to work on Regular Modes (mode 1) and Dual Triggers (mode 5).Speed adjustments are made directly from the controller, no need to hook up to a computer to change the settings. During the programming process, you can check the speed in real game by pressing the Right Trigger at any time, to see how your weapon responds to it.

AKIMBO-MIMIC MODE

Tired of holding both, Left and Right Triggers for your akimbo pistols? This function solves your problem. Put the controller into AKIMBO-MIMIC mode, pull the RIGHT TRIGGER ONLY and watch BOTH pistols fire. 4 modes: Slow, Medium, Fast and Burst Akimbo (2-3-4-5 shots).
AKIMBO-JITTER: press & hold the MODE button for 3 sec. to activate/deactivate the AKIMBO JITTER.

JITTER MODES

JITTER MODE 1: Jitter mode allows you to work with many weapons that do not work with regular rapid fire. Works for the FAMAS, M16A4, M93, good for STRIKER, AA12, M1014 shotguns. With the Jitter mode the accuracy is decreased, due to limited ability to aim down the sights.

JITTER MODE 2: Unlike any other JITTER controller in the market, we solved the aim problem and designed this mode to be more playable. In this mode, when you press the LEFT Trigger to aim down, the weapon will fire in the regular rapid fire you are in, and automatically back to Jitter mode when the left trigger is released.

JITTER - FAST MODE: Press & hold the **MODE** button for **3 sec.** to **activate/deactivate** the FAST MODE.

Due the high speed and special signal needed for this feature, the controller tends to switch weapons when you release the Right Trigger, this is a normal behavior for this glitch.

BURST FIRE

This function allows you to adapt the Burst Fire to your favorite weapon to save ammo. You can choose 2, 3, 4 or 5 round. **The burst setting will be kept on memory to work on the AKIMBO-BURST(mode 2).**

DUAL TRIGGER MODE

In this mode, Rapid Fire can be controlled independently on LEFT and RIGHT TRIGGERS, great for Halo 3. Four modes: Slow, Medium, Fast and User Programmable.

COD5 COMPATIBLE MODES

2 online compatible modes (SLOW-FAST) for Call of Duty "World at War". Not compatible with akimbo or burst functions.

AUTOMATIC DROP SHOT

This automatic drop shot feature allows you to quickly **lay down aim and fire** with the click of the RIGHT TRIGGER. When you come face to face with an opponent just press the RIGHT TRIGGER and you instantly lay on the floor as you shoot with rapid fire, when your opponent shoots over your head. You need never remove your thumb off from the right thumb sticks to press the "B" button, so your aim will never be affected and this makes the difference between living and dying, giving you a massive advantage over other players.
Just pushing the Right Trigger it will **drops you all the way to the ground, aim and shoot**, all in one action.
When you push the **Left Trigger** it will shoot **with a REGULAR Rapid Fire** letting you stay **behind a barrier** aiming down the sight and shot **without dropping**.

AUTOMATIC DROP SHOT - without RAPID FIRE

To activate/deactivate the Auto Drop Shot **without** RAPID FIRE (rapid fire OFF):
-Turn the **RAPID FIRE OFF**
-Press & Hold the **MODE button for 3 sec.**
-Repeat the same actions to **activate or deactivate** this feature.

QUICK ON/OFF

To enable/disable the rapid fire, just hold down the LEFT TRIGGER and push the Mode Button for 2 sec. No need to cycle through all the modes.

LED INDICATORS

This XMOD CHIP uses the 3rd and 4th player LEDs exclusively as a status indicator for a complete and easy look of the current functions.
Note that just the 1st & 2nd Player LEDs will flash when you SYNC or connect the controller with the XBOX 360 console.

ENABLE/DISABLE MODES FUNCTION

You can easily **enable/disable any mode.** For example, if you don't play COD5 and you don't want to use the DUAL FIRE, you can program the controller and disable MODE 5 and MODE 6, in that way changing modes will cycle through modes 1, 2, 3 and 4 only, **skipping modes** 5 & 6. No need to cycle through all the modes. You can do this with any mode at any time.

QUICK ON/OFF

To enable/disable the rapid fire, just hold down the LEFT TRIGGER and push the Mode Button for 2 sec. No need to cycle through all the modes.

FACTORY DEFAULT

You can restore factory default configuration. It will clear all data and restore all settings to the factory default values.

Holding down the SYNC button for the normal 2-3 seconds will still allow you to synchronize your wireless controller to any XBOX 360 System.
The chip will remember the fire rate even when you turn your controller off or remove the batteries.
Although this chip is very fast, you are still limited by how fast the game allows a weapon to shoot.

CALL OF DUTY 4
Infinity Ward released a new patch for this game on 09/03/09, limiting your firing speed. Although this chip is very fast, you are still limited by how fast the game allows a weapon to shoot. TIP: You can use a ***DOUBLE TAP*** *feature (second tier Perk) to increase the rate of fire on some weapons (G3, pistols, etc)*

Additional information about CALL OF DUTY 5: *This mod chip does not disable or change the detection of rapid fire in Call of Duty 5, this could not be done from a controller. By understanding how the rapid fire detection in the game works we have been able to create the fastest rapid fire possible. But this also means that the rapid fire is not totally immune to the game detecting it. Quickly pulling the trigger multiple times while the rapid fire chip is turned on can cause it to limit your rate of fire as the game will see the rapid fire from the mod chip as well as your manual trigger presses which can sometimes activate the detection within the game and limit your firing rate. But under most circumstances this will not happen.*
For COD5 you must use:
MODE 6 -COD5 online compatible - SLOW/FAST

For COD7 - Black Ops you can use:
MODE 1 -REGULAR: Speed 1 & USER PROGRAMMABLE (default speed adjusted for this game)
MODE 2 -AKIMBO: Speed 1, 3, 4
MODE 3 -JITTER: Speed 1 & 2
MODE 4-BURST: 2,3,4,5 round burst.
MODE 5-DUAL: Speed 1 & 4
MODE 6-COD5 compatible: Speed 1 & 2
Although this chip is very fast, you are still limited by how fast the game allows a weapon to shoot.
Shooting speed in some games are also limited in game by the weapon's rate of fire and animations.

RAPID FIRE ON-OFF

There are **2 ways** to turn the Rapid Fire **OFF**:

- Press & Hold the **LEFT TRIGGER and the MODE button** located underneath the controller **for 2 sec.**
- Press and Hold the **LEFT TRIGGER + X + Y buttons at the same time.**

The LEDs will blink 2 times.
Release the buttons.

To turn the Rapid Fire **ON: Hold the Left Trigger & Tap the Mode button.**

RAPID FIRE MODES

To change modes:

- **Press & hold the LEFT TRIGGER and TAP the MODE button** located underneath the controller to cycle through the 6 modes. The **3rd Player LED** will blink to indicate the mode you are in.

- Once the mode has been activated, **TAP the MODE button** to cycle through the different speeds. The **4th Player LED** will blink to indicate the speed you are in.

JITTER - FAST MODE: Once into JITTER mode, **press & hold the MODE** button for **3 sec**. to **activate/deactivate** the FAST MODE.

AKIMBO-JITTER: Once into AKIMBO mode, **press & hold the MODE** button for **3 sec**. to **activate/deactivate** the AKIMBO JITTER.

PROGRAMMING REGULAR - MODE 4

The 4th Regular mode can be programmed with your own speed. You can choose from 5 to 35 sps. in 65 steps.
To enter in programming mode:

- **Turn the Rapid Fire OFF:**
  Press & Hold the **LEFT Trigger + Tap the MODE** button.
  Release the buttons.

- Press & Hold the **LEFT & RIGHT** triggers and the **MODE** button **at the same time x 4 sec**.
  Release the buttons.
  The LEDs will blink 4 times.

- TAP the **LEFT** Trigger to **INCREASE** speed.
- Tap the **MODE** button to **DECREASE** speed.
- You can test the speed by pressing the **RIGHT** trigger at any time.
- The LEDs will flash when the **MINIMUM or MAXIMUM** speed are reached.

- To **SAVE & EXIT:**
  Press & Hold the **RIGHT** Trigger **+** Tap the **MODE** button.
  Release the buttons.
  The LEDs will blink 4 times.

The programmed speed will work on the Regular 4th mode **and** Dual Triggers 4th mode.

ENABLE-DISABLE MODES

To enable/disable any mode:
- **Turn the Rapid Fire OFF**

- Press & Hold The **LEFT TRIGGER** ,the **"X" and "Y"** buttons **at the same time x 4 sec**
- **Release** those 3 buttons. The LEDs will flash for 2 sec.
- Tap the **MODE button** to choose the mode you want to enable/disable.
- Tap the **"Y"** button to **enable** the mode.
- Tap the **"X"** button to **disable** the mode.
- To **save & exit**, press & hold the **RIGTH TRIGGER** and tap the **MODE** button.
- The LEDs will flash for 2 sec.

AUTO DROP SHOT

To activate/deactivate the automatic Drop Shot:

- Turn the Rapid Fire OFF
- Press & Hold **RIGHT TRIGGER** and the **Tap the MODE button.**
- The LEDs will flash for 2 sec.

AUTO DROP SHOT - without RAPID FIRE

To activate/deactivate the Auto Drop Shot without RAPID FIRE (rapid fire OFF):
-Turn the **RAPID FIRE OFF**
-Press & Hold the **MODE button for 3 sec.**
-Repeat the same actions to **activate or deactivate** this feature.

FACTORY DEFAULT

To restore all settings to factory default values:

--Take the **BATTERY PACK OUT.**
- Press & Hold the **MODE** button and **insert the Battery Pack.**
- The LEDs will flash for 8 seconds

FEEDBACK: Get your XMOD Rapid Fire Chip for FREE!

You can get your **XMOD Rapid Fire Chip for free** just by **leaving the BEST feedback along with 5 out 5 star Detailed Seller Rating (DSR's)** which includes : Item As Described, Communication, Shipping Time and Shipping an Handling Charges. Once a month, we pick three of the best feedbacks from this current month and refund 100% of their purchase price an shipping. So, **be CREATIVE** and you can be this month winner!

We value all of our customers and their opinions and feedback. In the rare instance that you feel that negative feedback needs to be left, please allow us the opportunity to work with you to correct any misunderstanding to avoid this situation. Customer satisfaction is our number one priority and we will work diligently with you to resolve any unforeseen circumstance. We will return all feedbacks as they are left. Email us at **sales@xmodelectronics.com**

Thank you,
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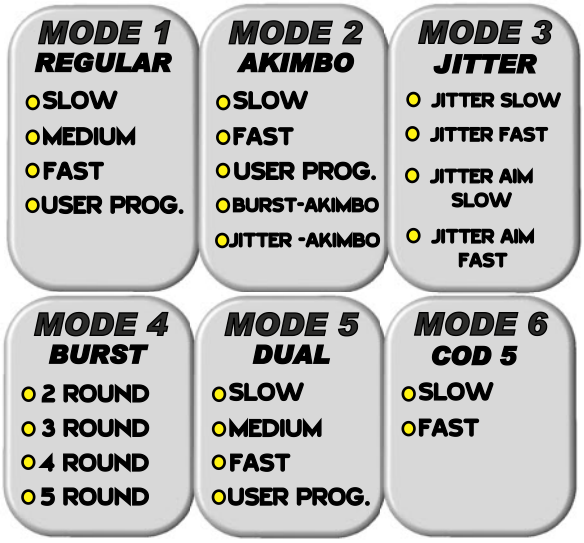
XMOD RAPID FIRE CONTROLLER

XBOX 360 **20 MODES** V4



RAPID FIRE MODES

To change modes:
- **Press & hold the LEFT TRIGGER and TAP the MODE button** located underneath the controller to cycle through the 6 modes.
  The **3rd Player LED** will blink to indicate the mode you are in.
- Once the mode has been activated, **TAP the MODE button** to cycle through the different speeds.
  The **4th Player LED** will blink to indicate the speed you are in.

RAPID FIRE ON/OFF

There are two ways to turn the Rapid Fire OFF:
1- Press & Hold the **LEFT Trigger** + Tap the **MODE** button for 2 sec.
2- Press & Hold the **LEFT Trigger** + **X** + **Y** buttons **at the same time.**
Release the buttons. The LEDs will blink 2 times.

To turn the Rapid Fire ON:
- Press & Hold the **LEFT Trigger** + Tap the **MODE** button.
- Release the buttons.. The LEDs will blink to indicate the mode you are in.

DROP SHOT WITHOUT RAPID FIRE

To activate/deactivate the DROP SHOT without RAPID FIRE (rapid fire OFF):
-With the Rapid Fire OFF, **Press & Hold the MODE button for 3 sec.**
-Repeat the same actions to **activate/deactivate** it.

JITTER - FAST MODE Once into JITTER mode, **press & hold the MODE** button **for 3 sec.** to **activate/deactivate** the FAST MODE.

AKIMBO- JITTER Once into AKIMBO mode, **press & hold the MODE** button for **3 sec.** to **activate/deactivate** the AKIMBO JITTER.

PROGRAMMING REGULAR - MODE 4

The 4th Regular mode can be programmed with your own speed.
To enter in programming mode:
- **Turn the Rapid Fire OFF.**

- Press & Hold the **LT + RT** + **MODE** buttons **at the same time** for 4 sec.
- Release the buttons.
- The LEDs will blink 4 times.

- TAP the **LEFT** Trigger to **INCREASE** speed.
- Tap the **MODE** button to **DECREASE** speed.
- You can test the speed by pressing the RIGHT trigger at any time.
- The LEDs will flash when the **MINIMUM or MAXIMUM** speed are reached.

- To **SAVE & EXIT:**
  Press & Hold the **RIGHT** Trigger **+** Tap the **MODE** button.
  Release the buttons.
  The LEDs will blink 4 times.

The programmed speed will work on:
MODE 1: Regular - 4th Speed
MODE 2: Akimbo-Mimic - 3rd Speed
MODE 5: Dual Triggers - 4th Speed.

ENABLE-DISABLE MODES

To enable/disable any mode:

- **Turn the Rapid Fire OFF**
- Press & Hold The **LEFT TRIGGER** ,the **"X" and "Y"** buttons **at the same time. x 4 sec**
- **Release** those 3 buttons. The LEDs will flash for 2 sec.
- Tap the **MODE button** to choose the mode you want to enable/disable.
- Tap the **"Y"** button to **enable** the selected mode.
- Tap the **"X"** button to **disable** the selected mode.
- To **save & exit**, press & hold the RIGHT **TRIGGER** and tap the **MODE** button.
- The LEDs will flash for 2 sec.

FACTORY DEFAULT

To restore all settings to factory default values:
-Take the **BATTERY PACK OUT.**
-Press & Hold the **MODE** button and **insert the Battery Pack.**
-The LEDs will flash for 8 seconds

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