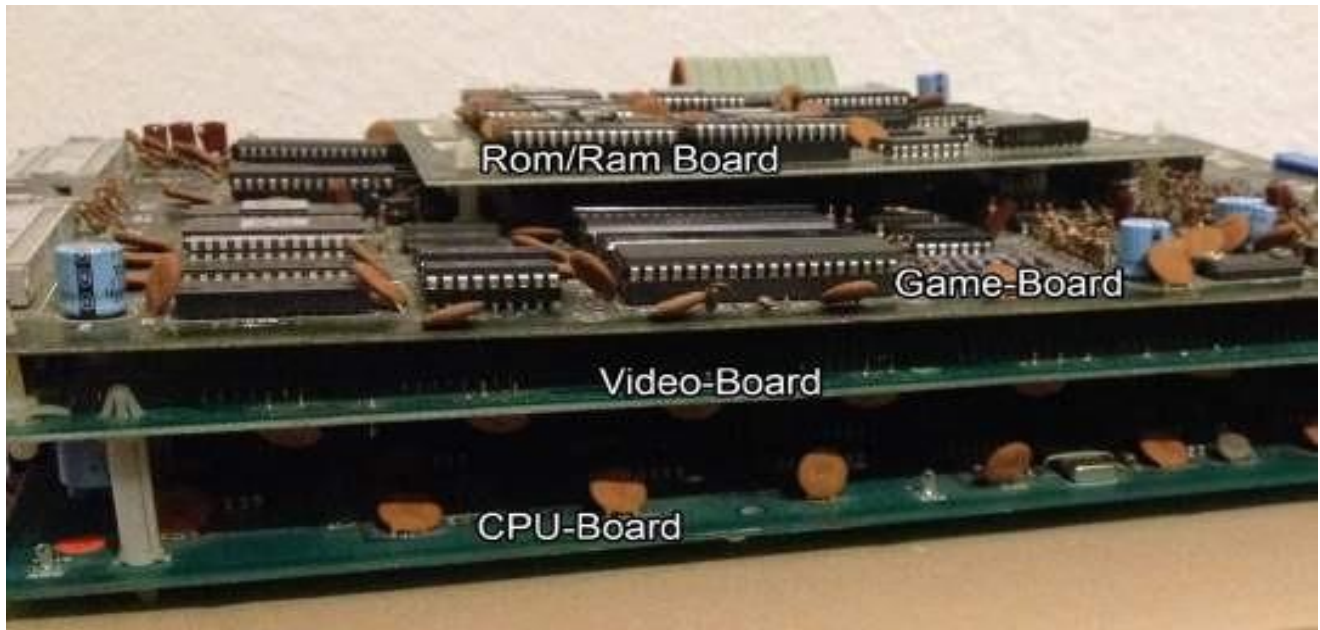# TAITO MULTI KIT INSTALLATION INSTRUCTIONS V1.0

(4 BOARD SET WITH SECURITY MCU, WILL WORK ON OTHERS TOO! EXAMPLE - 5 BOARD STACKS AND ON MCU 4 BOARD STACKS)

Steps for a successful install of your online or offline high score save kit -
- • Ensure your gameboard is working 100% before installing kit
- • Ensure power to game is off before removing your gameboard from cabinet
- • Label any connectors that you will be disconnecting. This will make reinstalling easier once the kit is on the gameboard
- • **Note which way your connectors/cables are on.** (We suggest taking pictures to help you remember!)
- • Work in a well-lit area on your workbench

I am going to ask that you have the PCB taken out of your cabinet, all the connectors should be noted by you on where they go so it can be reinstalled properly. Pics are recommended.

First, let's say it THREE times –

REMOVE ALL PROGRAM AND SOUND ROMS

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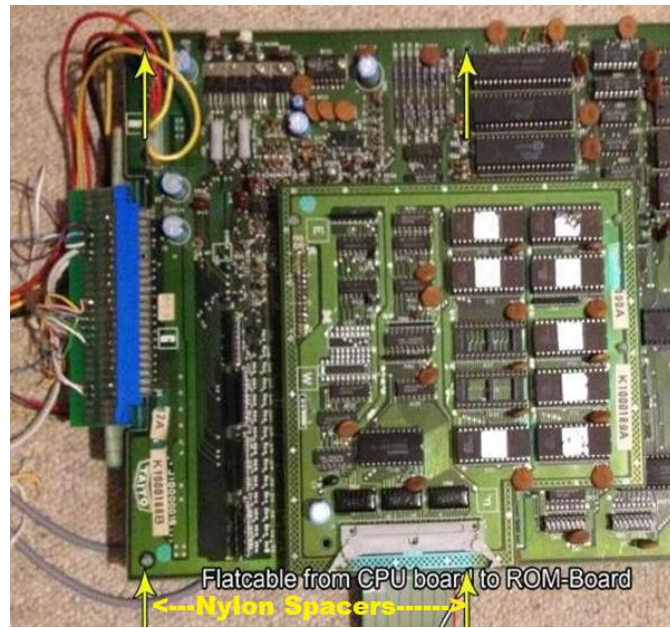
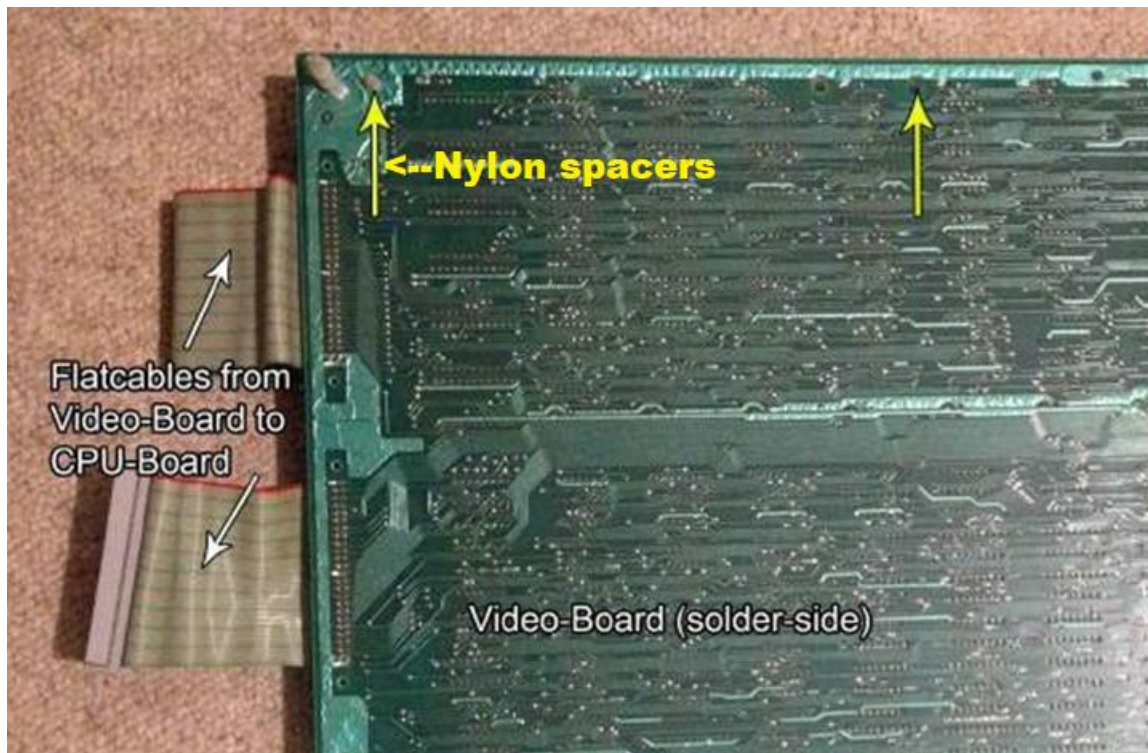The kit will NOT work with them installed.

OK, ready now?

PART 1 –

Disassembling the PCB STACK

1. Disconnect the flat cable connectors from CPU board TO ROM board

2. Disconnect the flat cable connectors from Video board to Game board

3. Remove the Game Board from the Video Board

Flatcable from CPU board to ROM-Board
<---Nylon Spacers----->

4. Disconnect the flat cable connectors from the VideoBoard to the CPU Board

<---Nylon spacers

Flatcables from Video-Board to CPU-Board

Video-Board (solder-side)

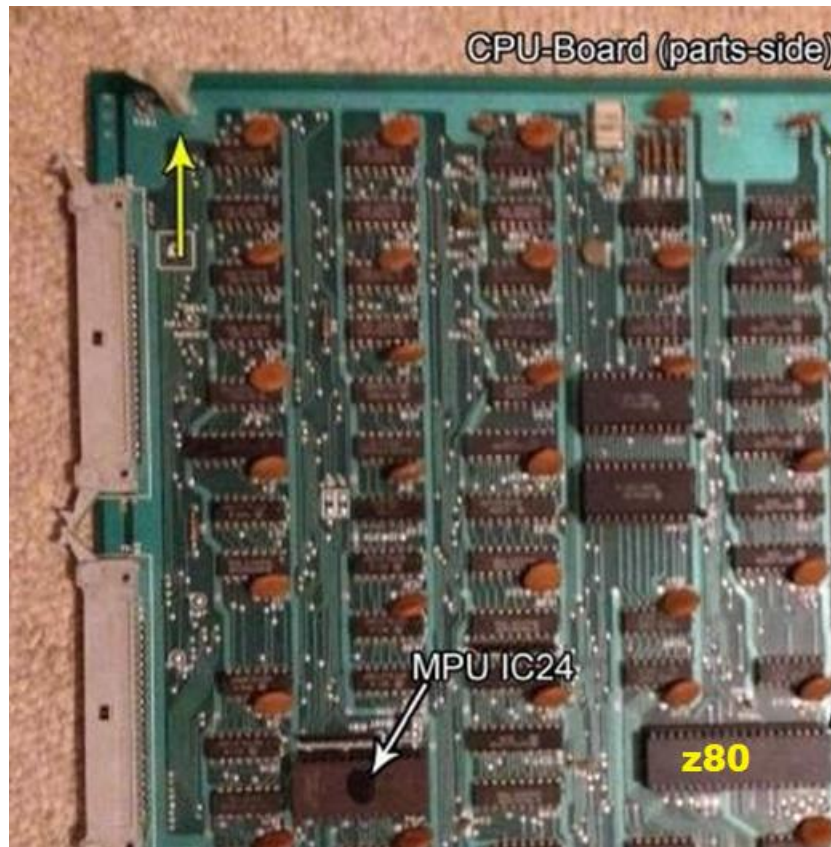5. Remove video board

Part 2

Installing the Multi Kit on the CPU board

6. Remove the Z80 Main CPU at location IC56
7. Remove the MCU at location IC24
8. Remove all 6 nylon spacer - they will be substituted

9. Insert the Z80 CPU that you just removed into the socket of the Multi High Score Save kit

   (Make sure that PIN1 of the CPU matches with the PIN1of the socket on the kit)

10. Insert the Multi High Score Save kit into the empty socket at location IC56
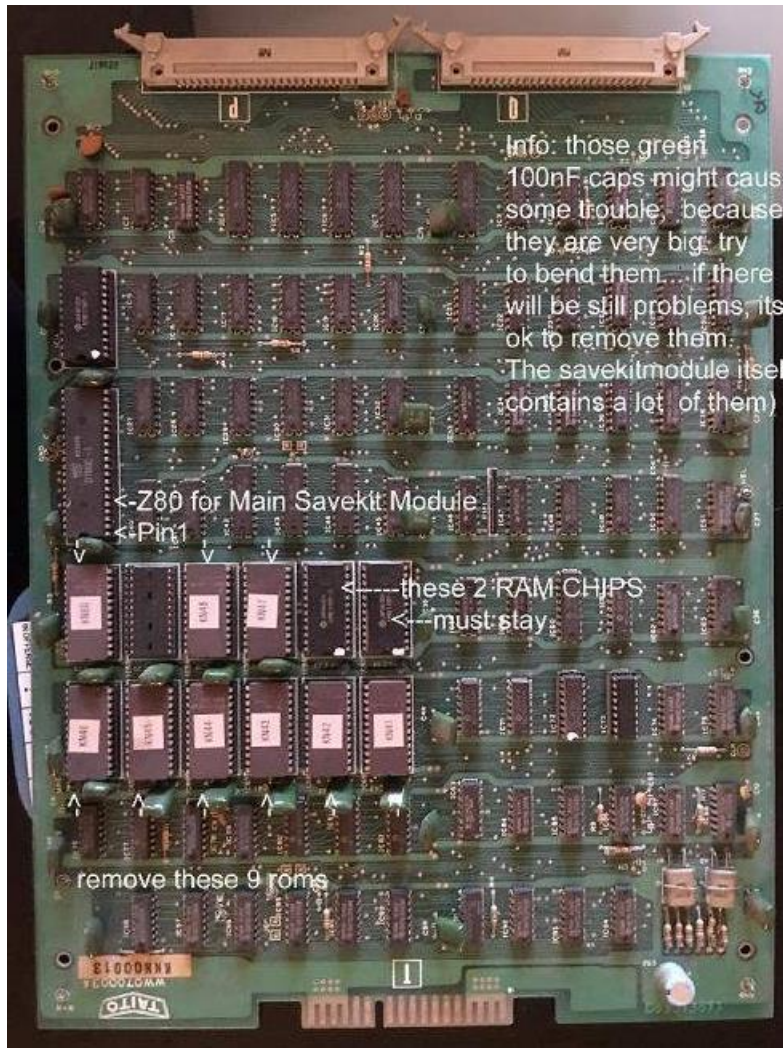11. Make sure that PIN1 of the save kit matches with the PIN1 of the socket. Also, that no parts touch the bottom of the save kit PCB.

   (If necessary, bend the capacitors a bit to the side)

GAME BOARD

12. Remove the Z80 Sound CPU at location IC52 (Game Board)
13. Remove all Sound ROM at location IC70-IC73 (Game Board)
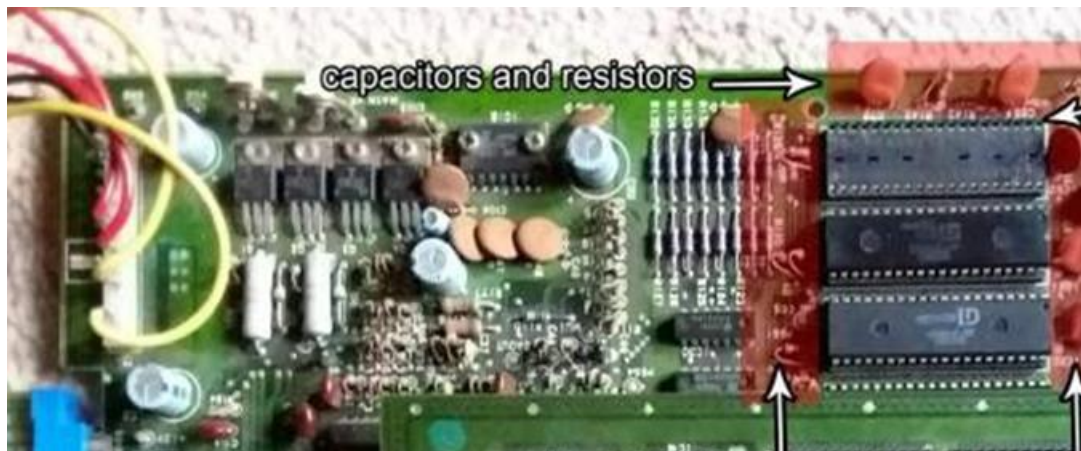14. Remove all Program ROM at location IC1-IC10 (ROM Board)

Info: those green 100nF caps might cause some trouble, because they are very big. try to bend them... if there will be still problems, its ok to remove them. The savekitmodule itself contains a lot of them)
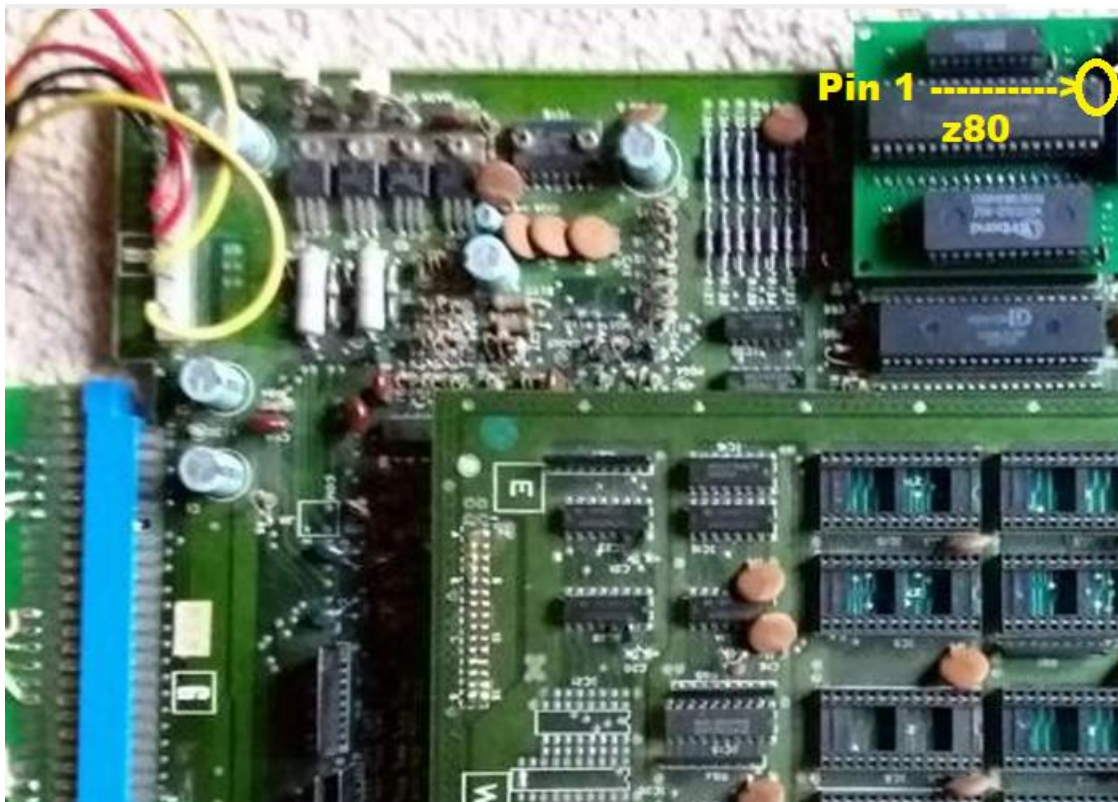
<-Z80 for Main Savekit Module
<-Pin1

<----these 2 RAM CHIPS
<---must stay

remove these 9 roms

capacitors and resistors ———>

15. Now insert the CPU into the Multi Sound daughter card. Make sure that the pin1 of the CPU match the pin1 of the socket (see pic below)
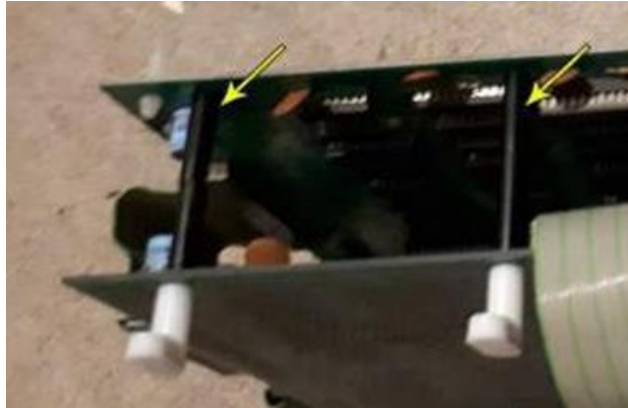

Now insert the Multi Sound Module into the empty socket at location IC52. Make sure that PIN1 match
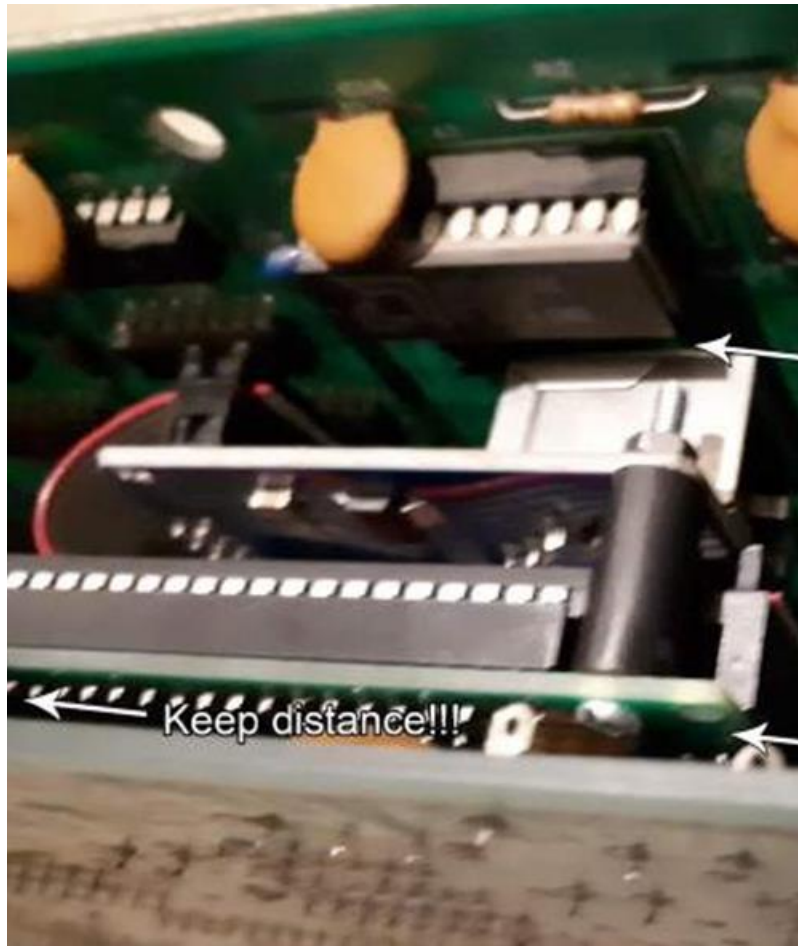
Part 3 –
Reassembling the PCB stack

16.   Mount the CPU Board and the Video Board together using the
     included standoffs (see pic below)

     Mount the Game PCB on top of the Video PCB using the original nylon spacer.

Make sure that no part of the main save kit daughter card touches any part of the Video Board or the CPU Board

17. Reconnect both pcb with the flat cables from Video Board to CPU Board.

Make sure that the ribbon cables are installed properly

That's it!

- Double check your work.
- Install the PCB back in the cabinet using pictures you took and any marked connectors.
- Power up the game and enjoy!

If the game does not start, turn power off immediately and double check your work.

Helpful link - https://highscoresave.com/highscoresaves-kit-tips-and-tricks

How do I get to the menu settings?

With the power off on your game. Press and hold P1 while you turn the game on. Release P1 button when the screen tells you to. You are now in the main menu settings. This is a feature built into your kits, so the menu settings are not accessible to your guests or family.

Now, having said that, you need to enable this feature in the menu settings, or disable if you want your kit to give you approximately 5 seconds every time you turn on your game.