

Multi Vertical Taito Installation Guide



<https://highscoresave.com/>

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 kit is on 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

The Vertical Multi Taito kit contains -

- 1 – z80 Main Daughter card
- 1 – z80 Sound Daughter card

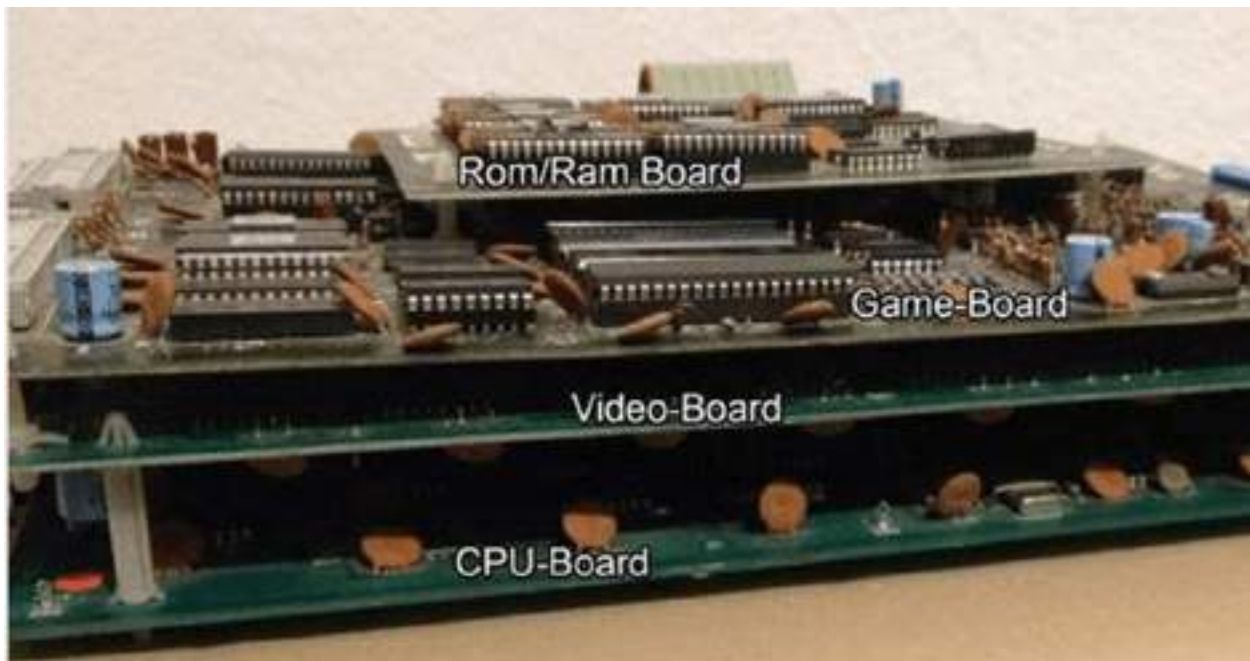
Please note – you will need a z80 to install on this kit. There is an option to purchase in the drop downs of the product page when you order. Or you can use an existing one.

(4 BOARD SET WITH SECURITY MCU, WILL WORK ON OTHERS TOO!

EXAMPLE - 5 BOARD STACKS AND ON MCU 4 BOARD STACKS)

Overview –

This is what your pcb should look like. This kit will only work on a SJ PCB.



First, let's say it THREE times –

REMOVE ALL PROGRAM AND SOUND ROMS

REMOVE ALL PROGRAM AND SOUND ROMS

REMOVE ALL PROGRAM AND SOUND ROMS

The kit will NOT work with them installed.

OK, ready now?

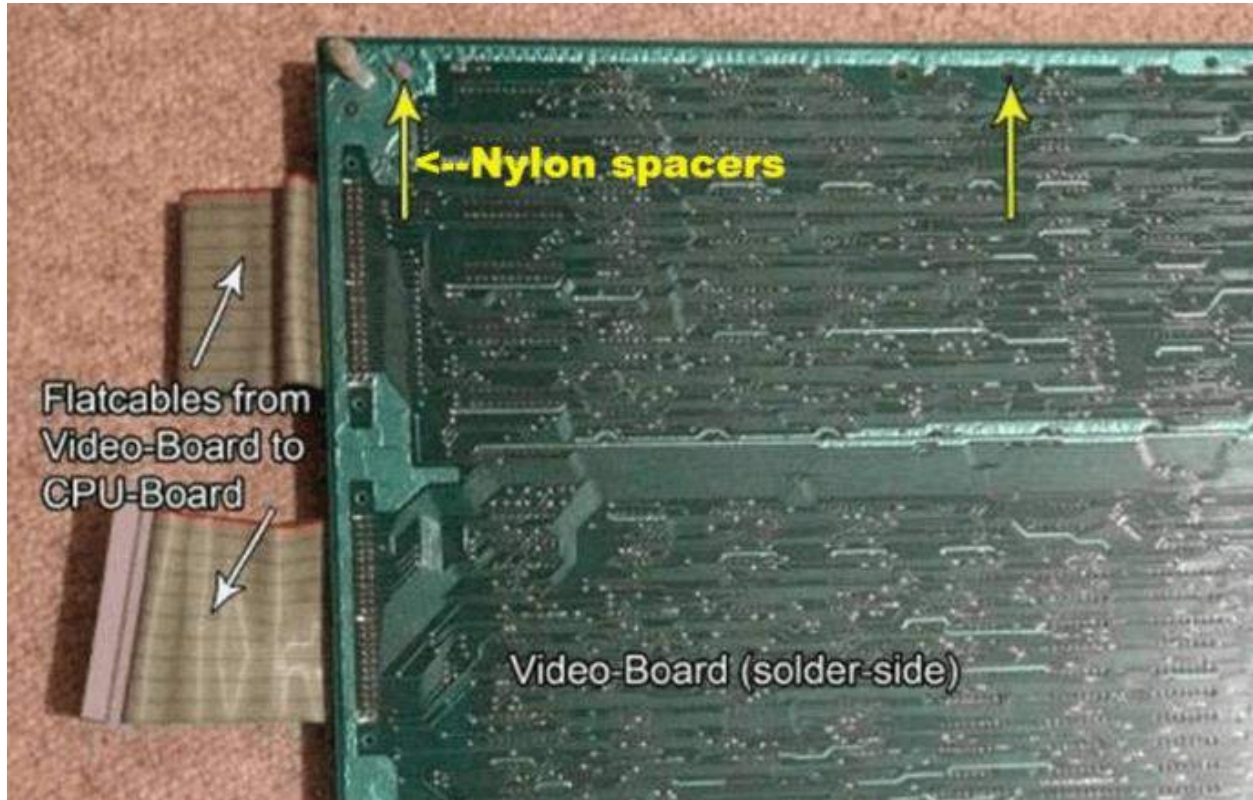
PART 1 –

Disassembling the PCB STACK

- Disconnect the flat cable connectors from CPU board TO ROM board
- Disconnect the flat cable connectors from Video board to Game board
- Remove the Game Board from the Video Board



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

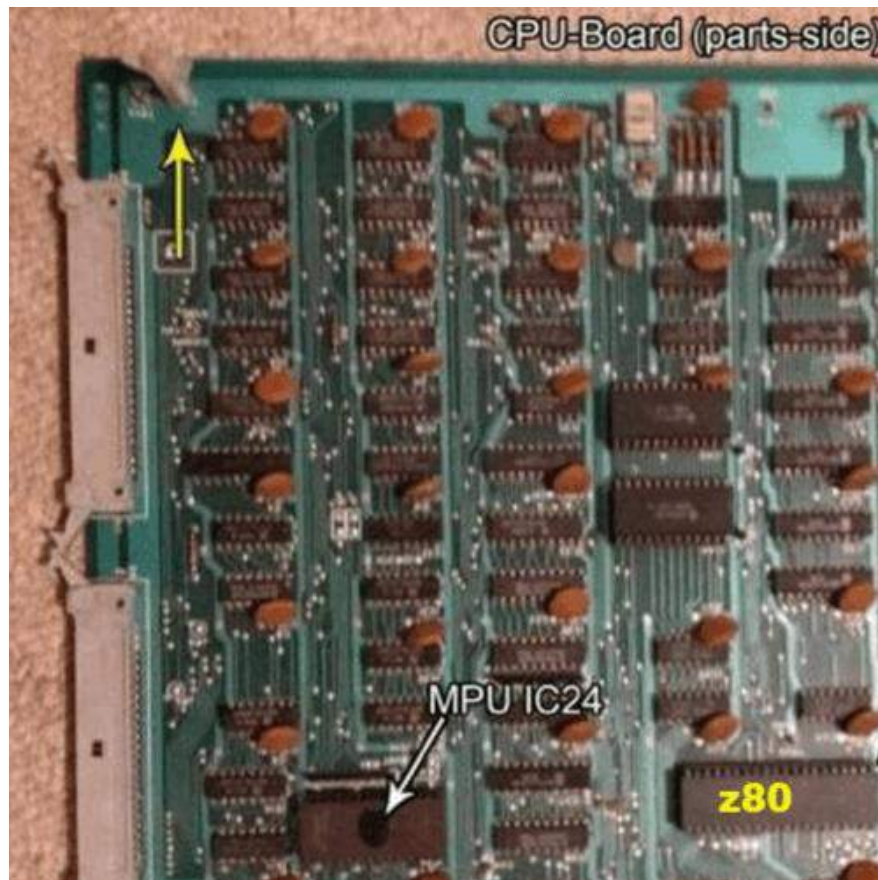


Remove video board

Part 2

Installing the Multi Kit on the CPU board -

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



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

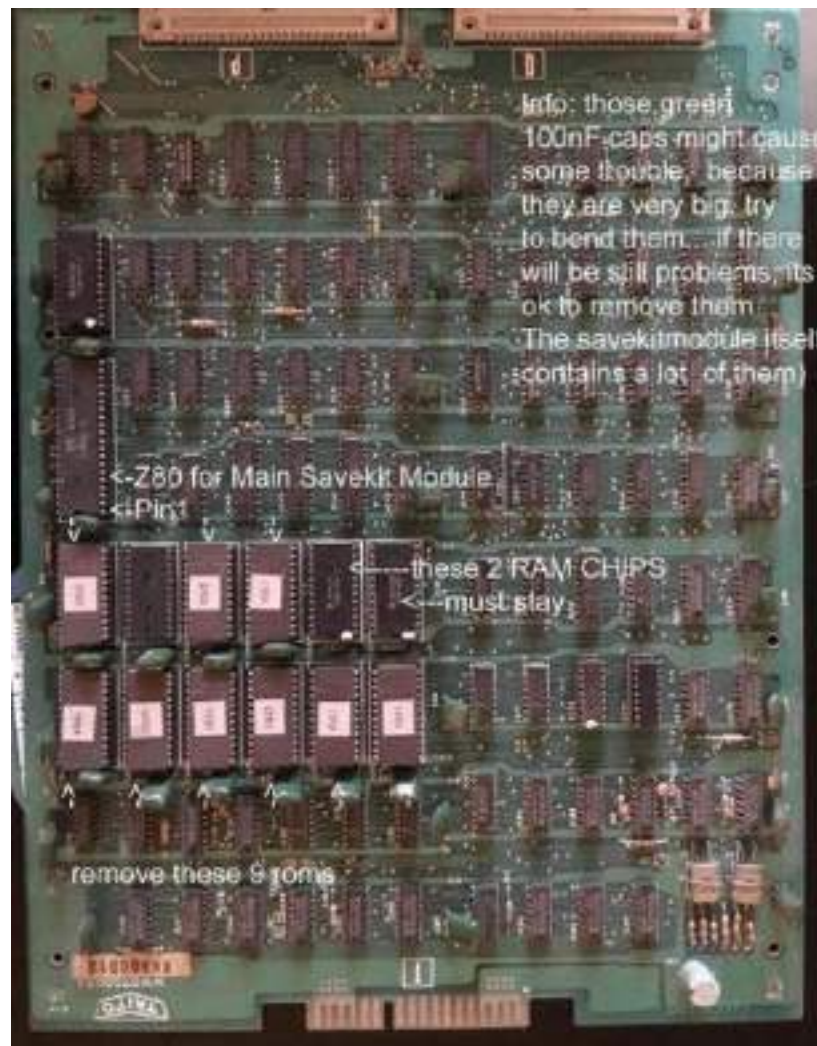
- (Make sure that PIN1 of the CPU matches with the PIN1 of the socket on the kit)
- Insert the Multi High Score Save kit into the empty socket at location IC56
- Make sure that PIN1 of the save kit matches with the PIN1 of the socket.

Also, that no parts touch the bottom of the save kit PCB. (If necessary, bend the capacitors a bit to the side)

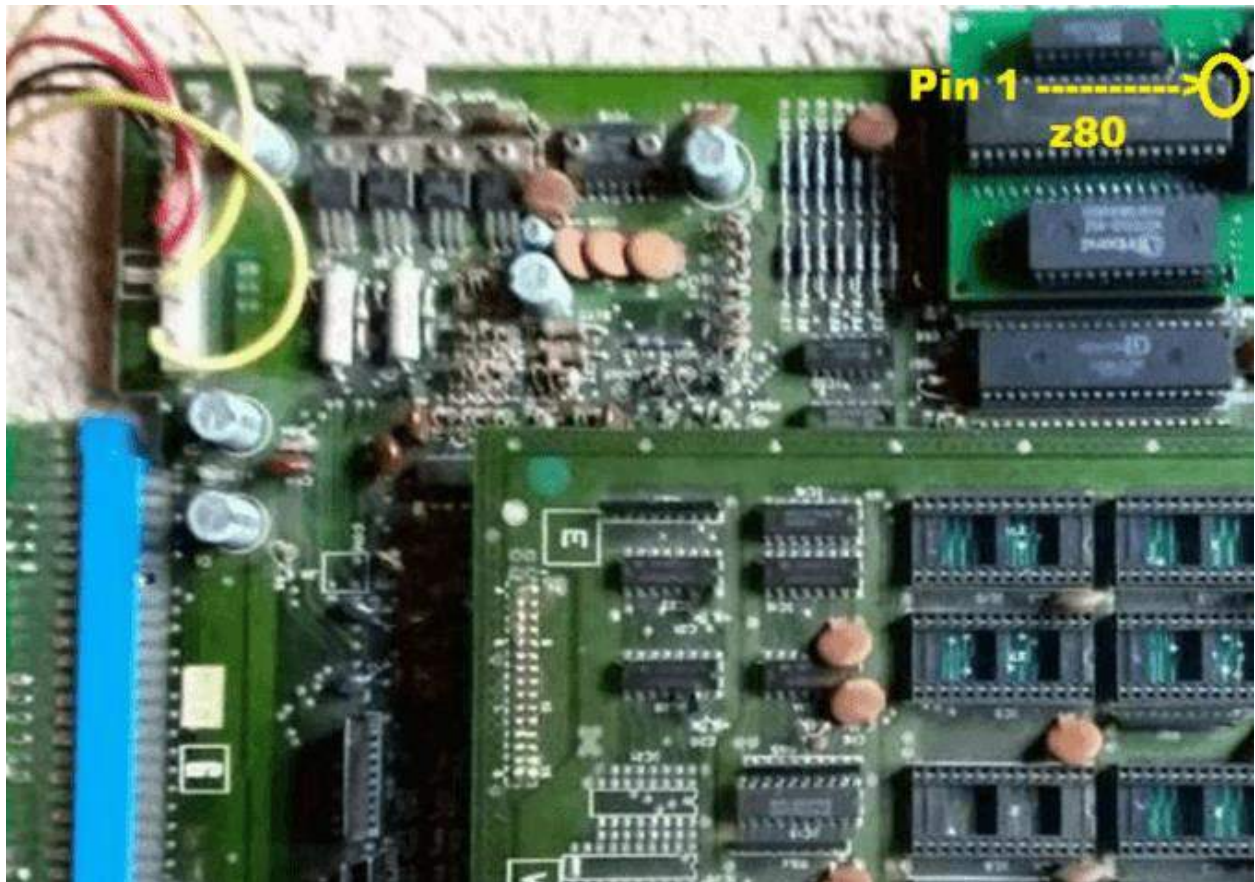
GAME BOARD

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





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

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

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 back in 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, 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.