

How to install your Karate Champ Free Play and High Score Save Kit



Overview

Follow this short pre-install checklist to ensure a smooth, safe installation and reliable operation of your high score save kit.

Safety First

- **Power Off & Unplug:** Turn the game **off** and **unplug the cabinet** before touching the game board.
- **ESD Precautions (Recommended):** Work on an anti-static mat and ground yourself to avoid electrostatic discharge.

Preparation Checklist

- **Verify Board Health:** Confirm your **game board is 100% working** *before* installing the kit.
- **Remove Board Safely:** With power **off**, carefully remove the game board from the cabinet.
- **Label Connectors:** Tag **every connector and cable** you disconnect. Clear labels make re-installation fast and accurate.
- **Record Orientation:** Note the **orientation of each connector/cable**. *(Tip: take photos from multiple angles for reference.)*
- **Set Up Your Workspace:** Use a **well-lit workbench** with enough room to lay out the board, kit, and tools.

Next Step

Follow the instructions step-by-step using the photos below and the labels you created during the preparation checklist.

The Karate Champ kit contains -

1 – z80 Daughter card

Z80 processor required. Purchase via the product page options or install with your current Z80.

Overview –

Start with locating your z80 socket.

This is what your pcb should look like. This is your bottom PCB of your 2 board stack. You will not need to do anything with the top PCB of the stack. This kit will only work on a Karate Champ PCB.



1. Locate your z80. Remove.
2. Install the z80 onto the daughter card then attach on PCB
3. [Ensure PIN 1 of the z80 is installed with the proper orientation]-

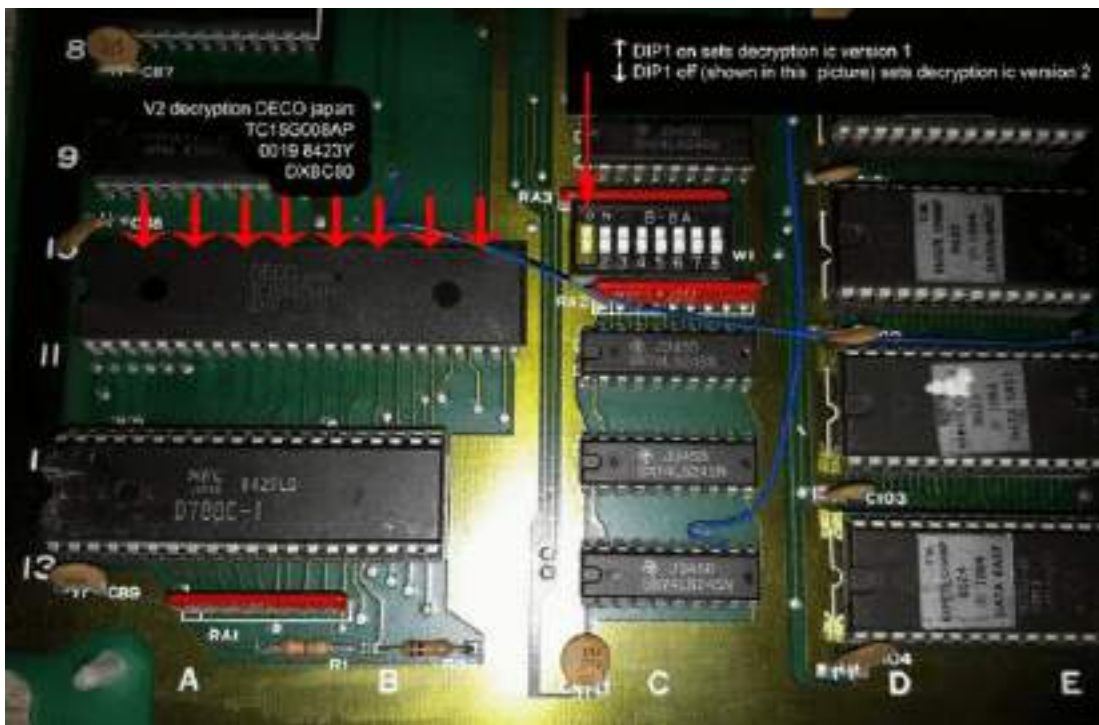
Pin1 on z80 –



4. Ensure that nothing is hitting the underside of the new daughter card from your original PCB. Sometimes test points on your PCB need to be bent away.
5. Note: Ensure DIP settings are set for your pcb.

Since there is no possibility to find out which chip version is on our board by the software...we need to find out about the first "write" and it must be the correct activation code....so I thought, "Let the customer select their version themselves by setting the correct setting (use of dip1)!"

- When dip1 is set to "on", version 1 is activated...version 2 will simply not start, no error message, garbage on screen.
- When dip1 is set to "off", like in the pic attached, version 2 (maybe the more common) is activated.... (again, if pcb is version 1, game will not start, garbage on screen)



You're done!

- 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.

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.

Helpful links

Homepage – [Visit HighScoreSaves.com – Free Play & High Score Save Kits](https://www.highscoresaves.com)

Product Page - <https://www.highscoresaves.com/Karate-Champ-Player-vs-Player-Free-Play-and-High-Score-Save-Kit/HSSKCVS>

What's a Wi-Fi kit? - [Learn the Difference Between Wi-Fi Enabled and Standard Save Kits](#)

Tips and Tricks - [Download the HighScoreSaves Tips & Tricks Cheat Sheet \(PDF\)](#)