

INSTALLATION GUIDE

Crazy Climber

FREE PLAY + HIGH SCORE SAVE KIT | ORIGINAL CRAZY CLIMBER ARCADE PCB



CRAZY CLIMBER INSTALLATION GUIDE

Custom CPU module replacement | Standard Z80 installation | Connector mounting | Optional ROM Saver | Wi-Fi

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Safety and Preparation

Read this section before working on the original arcade PCB.

POWER OFF AND DISCONNECT

Turn the cabinet off and unplug it before handling the PCB. Do not work on a powered assembly. Use appropriate electrostatic-discharge precautions.

CONFIRM THE ORIGINAL GAME WORKS

Confirm that Crazy Climber runs properly before installing the kit. Photograph and label every connector and cable before removing the PCB assembly.

KIT COMPONENTS

The kit uses one HighScoreSaves Crazy Climber daughtercard and **one compatible standard Z80 processor**. The original Crazy Climber PCB does **not** supply that Z80. Install a separately obtained Z80 on the kit.

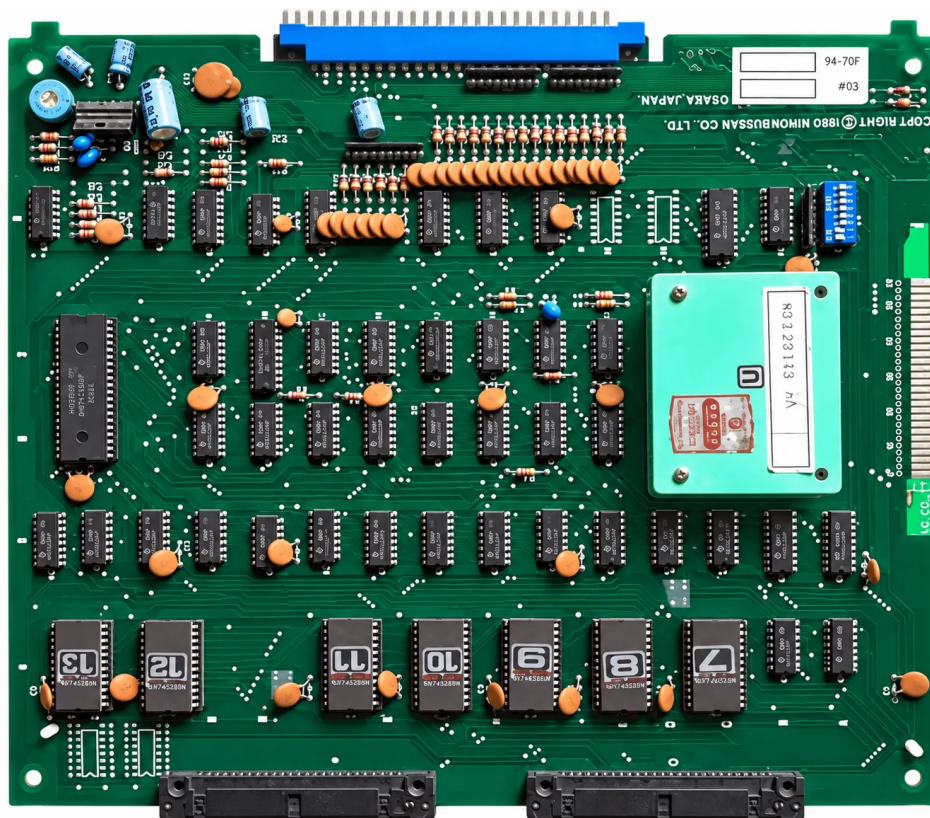
IMPORTANT INSTALLATION DIFFERENCE

The HighScoreSaves kit replaces the original custom CPU module at **D6/7**. It connects through the original custom CPU module connector, **not through a 40-pin CPU socket on the arcade PCB**.

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Identify the Original PCB

Verify the original Crazy Climber hardware before removing the CPU module.



[Tap the PCB photo to enlarge](#)

FIND THE CUSTOM CPU MODULE

Locate the rectangular custom CPU module marked **U** at board position **D6/7**. It is mounted on two posts. The module must be removed before fitting the kit.

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Find the Custom CPU Module

The original custom CPU module is the large green/cyan module marked U.



[Tap the photo to enlarge](#)

STEP 1 - REMOVE MOUNTING NUTS

With the board assembly safely removed, locate the two mounting posts holding the custom CPU module. Remove the nuts from both posts and keep the hardware.

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Remove the Original Module

Do not lift the module at an angle or force the original connectors.

STEP 2 - REMOVE THE CPU MODULE

After both nuts have been removed, carefully lift the original CPU module straight away from the PCB connector until it is completely disconnected.



STEP 3 - REMOVE BOTH POSTS

Slightly separate the two boards in the PCB stack, only as much as needed to access the post hardware, and remove **both mounting posts**. Avoid bending the boards or stressing their connectors.

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Install the Standard Z80

A compatible Z80 processor is required and is not taken from the original Crazy Climber PCB.



[Tap the photo to enlarge](#)

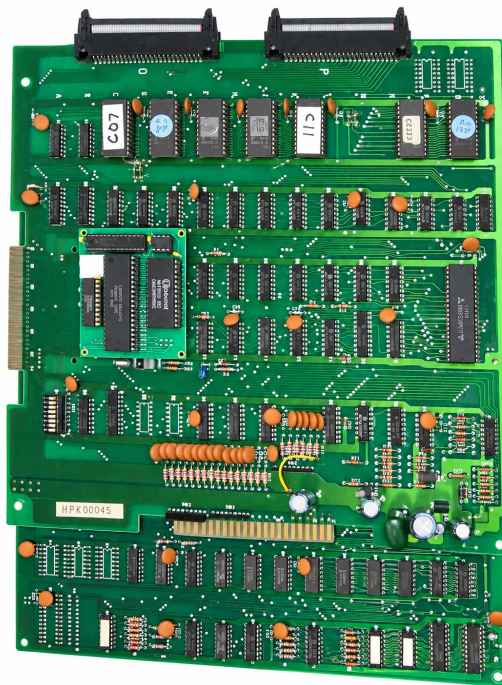
STEP 4 - FIT THE Z80 TO THE HIGHSCORESAVES KIT

Carefully install a compatible standard Z80 processor in the socket on the HighScoreSaves daughtercard. Match **Pin 1 on the Z80** with the **Pin 1 marking on the daughtercard**. Inspect all pins before pressing the CPU into its socket.

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Install the HighScoreSaves Kit

The replacement kit connects where the original custom CPU module was removed.



Tap the photo to enlarge

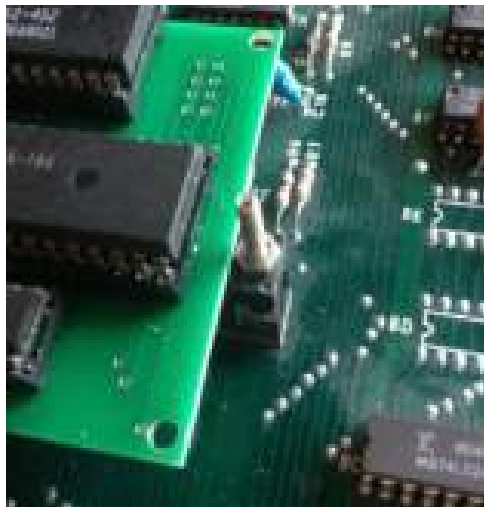
STEP 5 - MATE THE TWO CONNECTORS

Align the connector on the HighScoreSaves kit with the original PCB connector exposed when the CPU module was removed. The kit fits in **one orientation only**. Carefully press the connectors together evenly until the kit is fully seated. **Never force the connection.**

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Secure and Reassemble

Recommended: provide mechanical support after the kit is fully seated.



STEP 6 - REINSTALL ONE POST (RECOMMENDED)

Once the kit is seated, you may reinstall **one of the original mounting posts** through the matching hole on the **HighScoreSaves kit** to stabilize the installation. I recommend doing so.

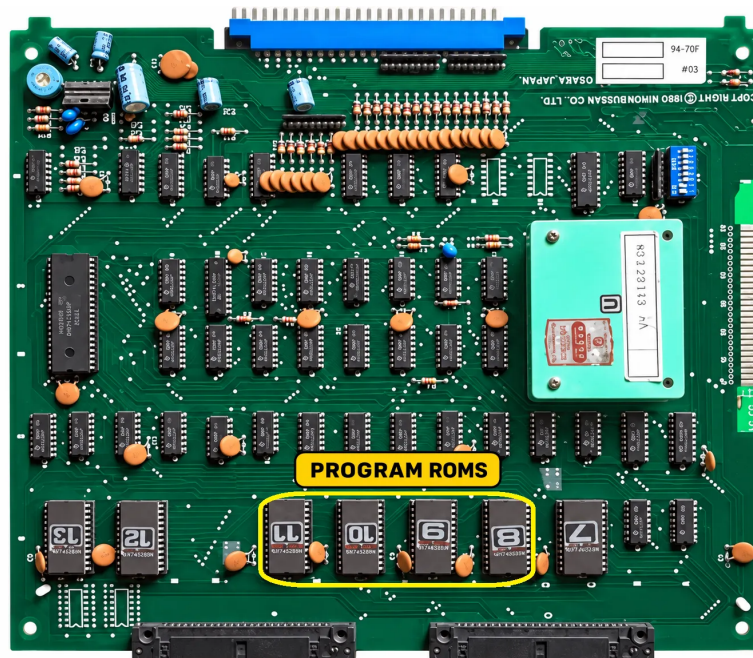
STEP 7 - CHECK AND REASSEMBLE

Check the entire connector is seated evenly. Ensure nothing underneath the daughtercard contacts nearby components. Reassemble the PCB stack, reconnect the cables using your photographs, and reinstall the PCB assembly.

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Optional ROM Saver

ROM removal is optional; the kit can be installed without removing these original program ROMs.



STANDARD OPTIONAL REMOVAL

The source guide permits removal of program ROMs **CC8-CC11** at locations **4E, 4F, 4J, and 4L**. This is an optional ROM Saver step, not a prerequisite for installing the kit.

KEEP ORIGINAL COMPONENTS

Carefully store any removed ROMs in antistatic packaging and label their original positions so they can be reinstalled if needed.

DO NOT ASSUME ALL SOUND ROM SETS ARE IDENTICAL

Crazy Climber uses different sound/sample ROM versions. The appropriate optional removal steps depend on the ROM set installed. See the following page before changing the sound ROM configuration.

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ROM Saver - USA Sample ROMs

Additional optional steps apply only to the specified ROM configuration.

FIRST IDENTIFY YOUR SAMPLE ROMS

The original instructions describe the **standard US sample ROMs CC12 and CC13 at 4P and 4R**. Confirm these are the installed sample ROMs before applying the additional removal option.

OPTIONAL USA CONFIGURATION

For the specified US sample ROM configuration, the source guide allows removal of **CC7-CC11** and setting the sound ROM option in the kit menu to **USA / Standard USA**.

OTHER SOUND ROM VARIANTS

If your board has a different sound/sample ROM set, leave the ROMs in place unless the correct setting is confirmed. The source guide explains that the default sound-ROM setting accommodates varying ROM versions.

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CC7 Sound ROM Message

This example warning can appear when the kit cannot validate the original CC7 sound ROM.



WHAT CAN CAUSE THIS MESSAGE?

The original instructions list a **missing CC7 sound ROM**, a **corrupt CC7 ROM**, or an **unrecognized CC7 ROM version**. The kit performs a checksum check and may display this warning.

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Settings and Testing

Review the complete installation before reconnecting power.

ACCESS THE SETTINGS MENU

With the cabinet powered off, press and hold **Player 1 Start** while switching on the game. Keep it held for approximately **5 seconds**, then follow the on-screen prompt.

IF YOU SEE THE CC7 WARNING

For a confirmed standard US sample ROM configuration, open the menu and select **Sound: Standard USA**, then save the configuration. This bypasses use of the original CC7 sound ROM. Do not assume this setting is appropriate for every regional ROM set.

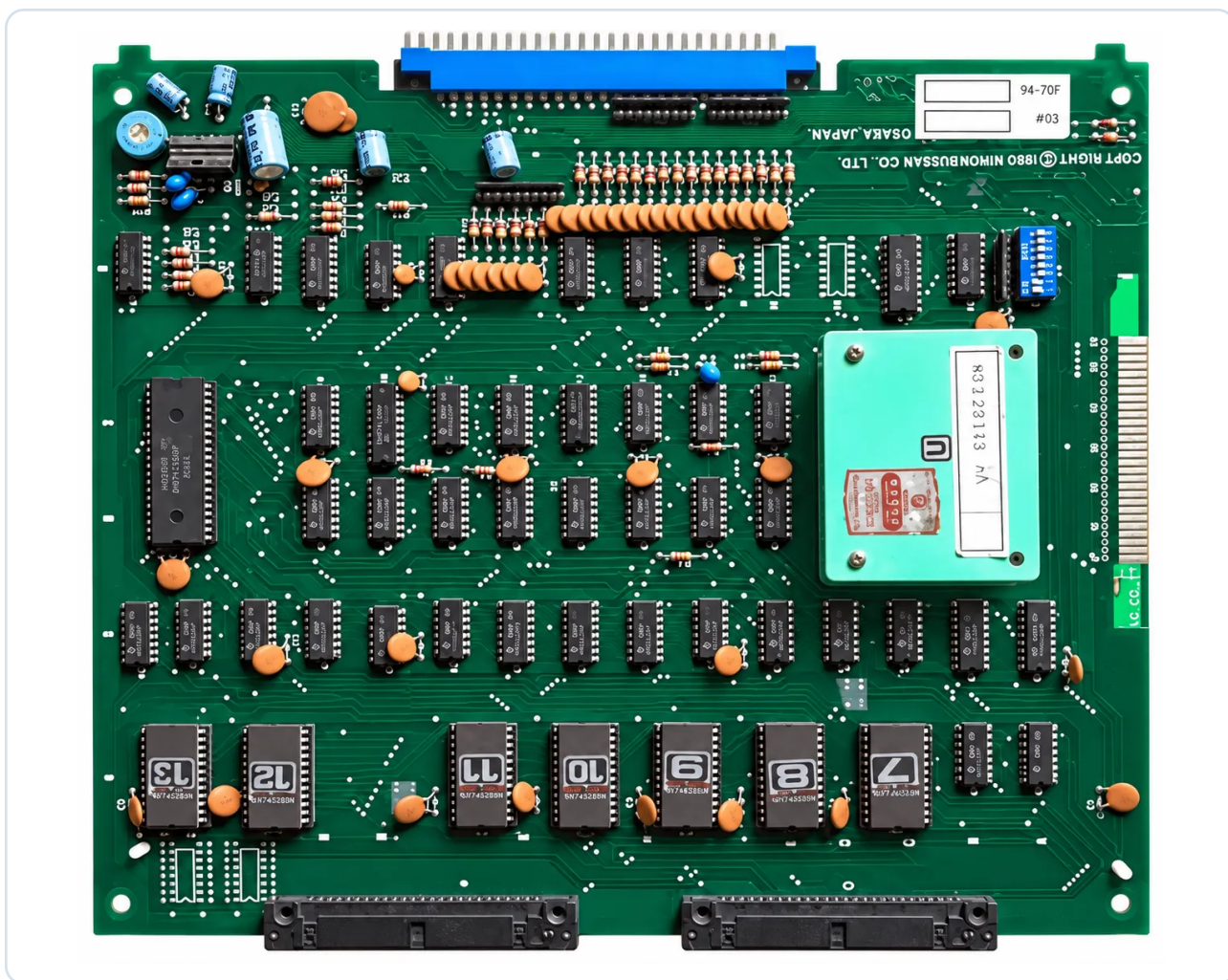
FINAL POWER-ON CHECK

Confirm the kit is securely seated, the replacement Z80 is correctly oriented, the supported mounting post is secure if installed, and every connector has been restored. If the game fails to start, power off and recheck the installation.

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PCB Reference - Full View

Tap the return link to go back to the PCB identification instructions.

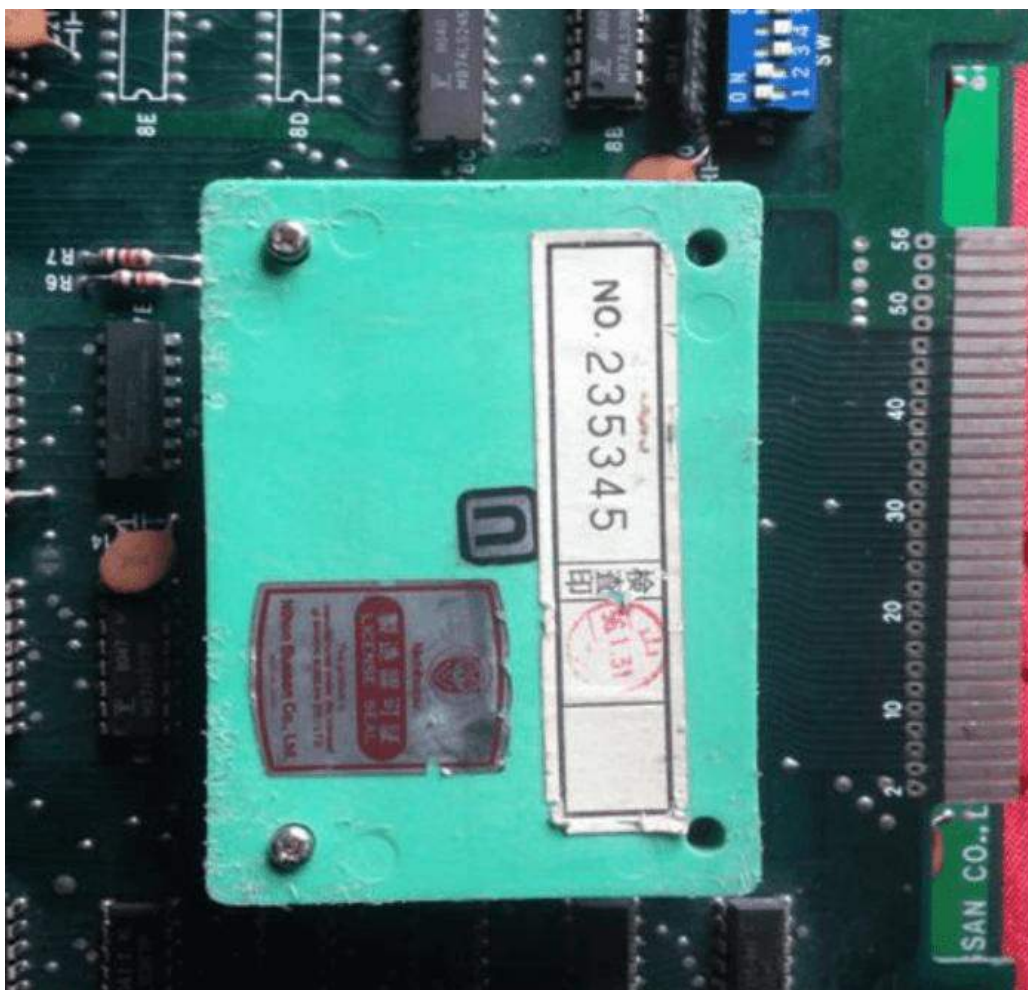


[Return to PCB identification](#)

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CPU Module - Enlarged View

Use pinch-to-zoom for closer inspection where supported by your PDF viewer.



[Return to module removal](#)

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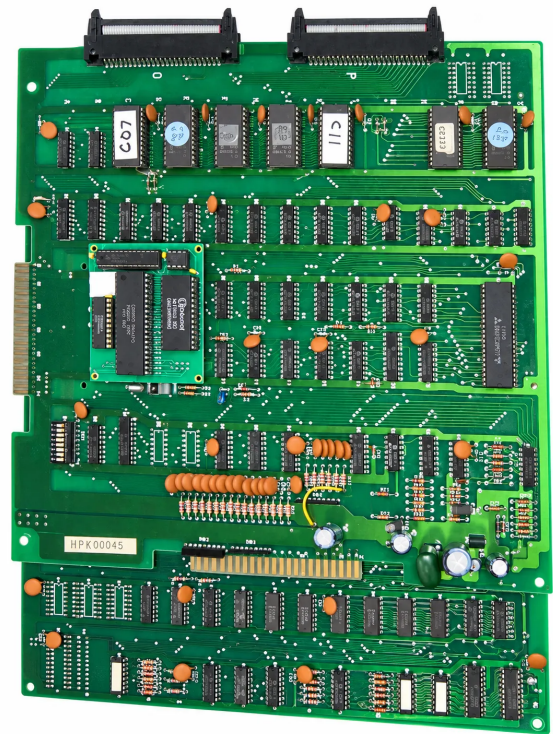
Z80 and Installed Kit - Enlarged Views

Compare the Z80 on the kit and the finished board installation.

Z80 processor installed on daughtercard



Installed kit on arcade PCB



[Return to Z80 installation](#)

[Return to connector installation](#)

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Wi-Fi Setup

For Wi-Fi Enabled HighScoreSaves kits only; standard kits require no wireless setup.

CONNECT TO YOUR WI-FI NETWORK

Wi-Fi Enabled kits can send qualifying game scores to supported HighScoreSaves online leaderboard pages. Set up wireless service using the instructions supplied with your specific Wi-Fi kit.

STANDARD KIT OPERATION

Your kit can operate without Wi-Fi. The installed hardware still supports the local gameplay and high-score features available with your version.

Standard Kit vs. Wi-Fi Enabled Kit

Compare versions and connection requirements

Global High Scores

View online high-score information

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Helpful Resources

Support, installation references, and Crazy Climber kit information.

Crazy Climber High Score Save Kit

Matching product and hardware requirements

Installation Guides

Additional HighScoreSaves installation documents

Tips and Tricks

HighScoreSaves support and setup tips

Wi-Fi Enabled and Standard Kits

Information about kit versions

Global High Scores

Score leaderboard information

Contact HighScoreSaves

Installation questions and customer support