

Space Zap

Installation Guide



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 Space Zap kit includes:

1 × HighScoreSaves daughterboard

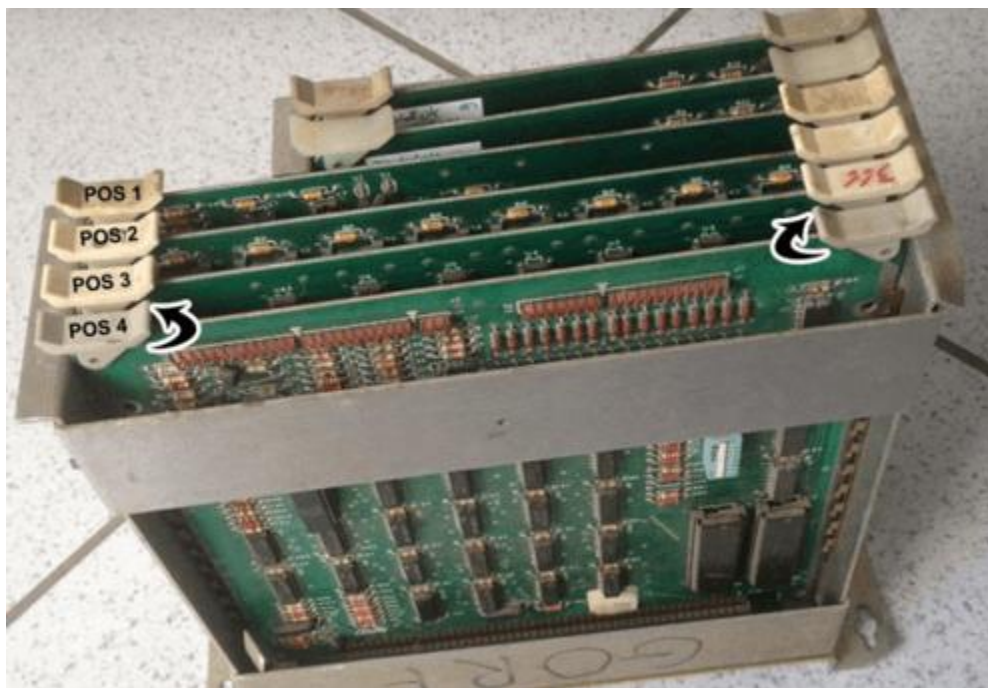
Processor requirement: A socketed Z80-compatible processor is required. You may reuse the original processor from the Space Zap PCB or purchase a replacement through the product-page options.

Overview –

This is what your pcb should look like. This kit will only work on a Gorf, Space Zap or Wizard of Wor PCB. [whichever save kit you purchased for your game]

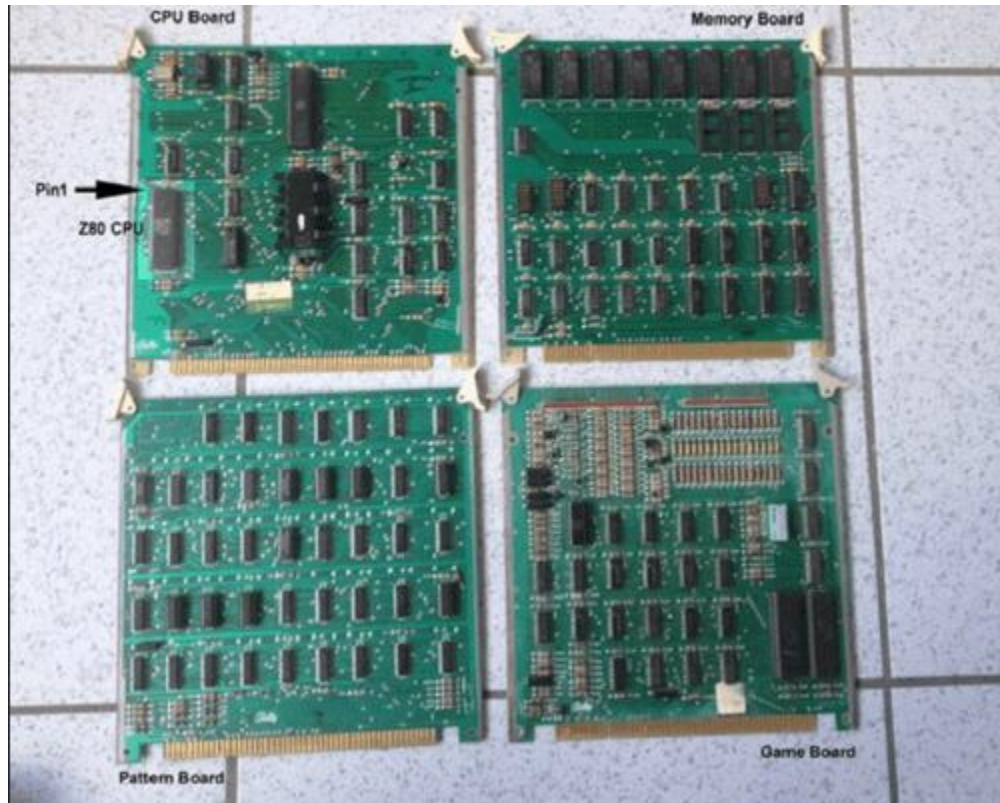
1. Remove the Gorf / WOW / Space Zap stack out of your game. Mark it exactly where and how the plugs were attached.

It this looks like this -



NOTE – There is an empty slot in a Space Zap cage

2. Remove each pcb one by one from your stack by simultaneously turning of the lever on the left and right.



Ensure you identify the boards because you need to know these later.

NOTE - The game board is different in Wizard of WOR and Space Zap. [Gorf is pictured here]

The memory board can vary, and notice Space Zap has no memory board. Please note the position of the Z80 and the PIN1 of the Z80 on the CPU board

Only for a Space Zap PCB -



- Highlighted are all ROMs and RAMs on the Space Zap game board (Position at ABB), so that you know where these were inserted.
- Remove all ROMs and RAMs from the sockets and keep them safe.
- These are not required when using this save kit and **must be removed**.

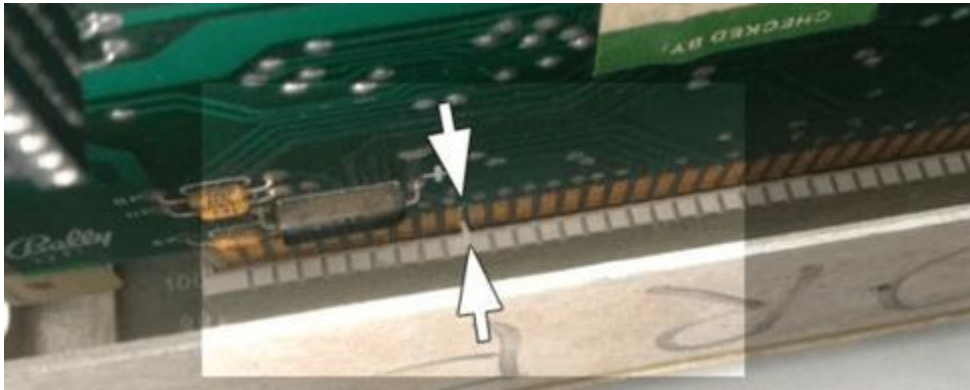
3. You may elect to install a riser socket [not included anymore as the save kit has been redesigned to fit most cages without]



4. You will now insert the boards back in the cage as shown –



Please always when inserting in the stack it, make sure that the nose of the slots with the notch on the Board (see arrow markings)



Never insert with a damaging push!

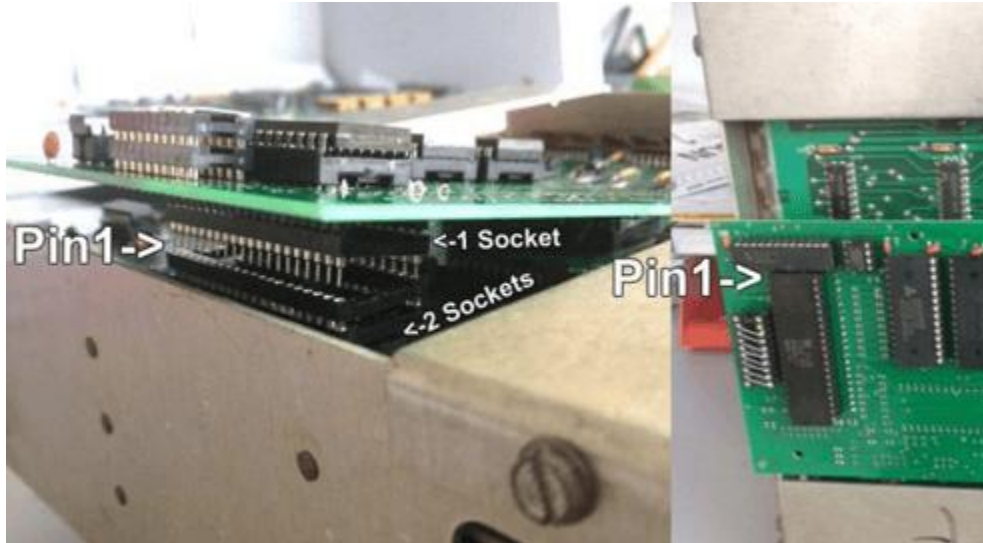
The plates slide in your cage as described below –

- The game board in POS 1 (slot 1)
- POS 2 (slot 2) will be blank! **The memory board is no longer required**
- The pattern of Board in POS 3 (slot 3)
- The CPU board in item 4 (slot 4) all the way forward

5. Locate the Z80 processor location on the CPU Board [where optional riser was in Step 3]

6. Insert the z80 on your new save kit [orientation of Pin1 is important]

7. Insert Save Kit in z80 socket on your CPU board [All pins must slide into the socket clean. Recommendation: slightly at an angle as in picture shown and then just press firmly]



You're done!

- Double check your work
- Reinstall the game board in the cabinet using your reference photos and connector labels.
- Reconnect the cabinet and power on the game.

If the game does not start or behaves abnormally, switch the power off immediately. Recheck the processor orientation, daughterboard seating, bent pins, and all cabinet connections before trying again.

How do I access the settings menu?

With the game powered off, press and hold the Player 1 Start button. While continuing to hold the button, turn the game on. Release the Player 1 Start button when prompted on the screen. The main settings menu will then appear.

Helpful links –

[HighScoreSaves Homepage](#)

[Space Zap Free Play and High Score Save Kit Product Page](#)

[What's a Wi-Fi Enabled Kit?](#)

[Tips and Tricks](#)