

# Reactor 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.

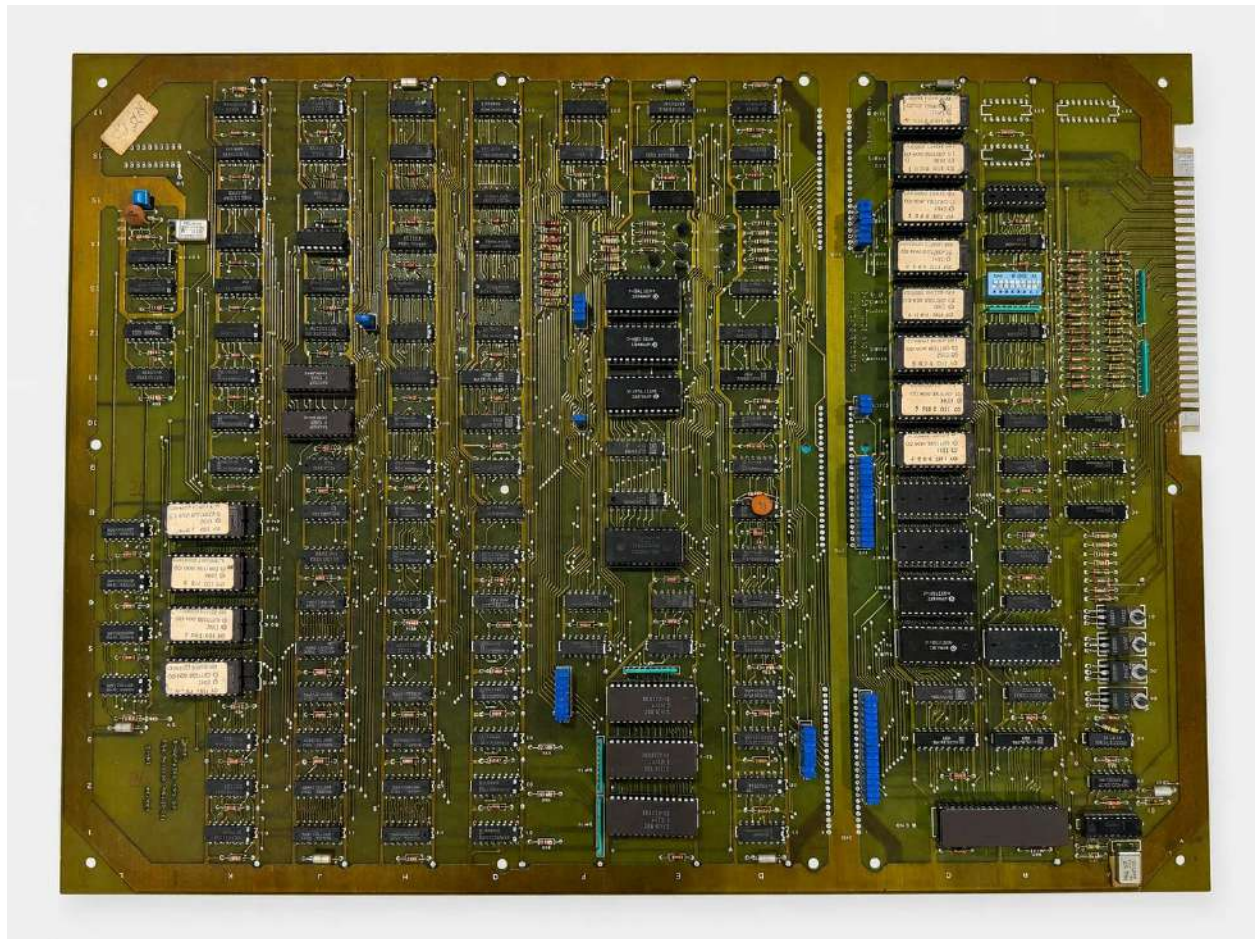
## The Reactor Kit Contains:

1 x 8088 daughterboard

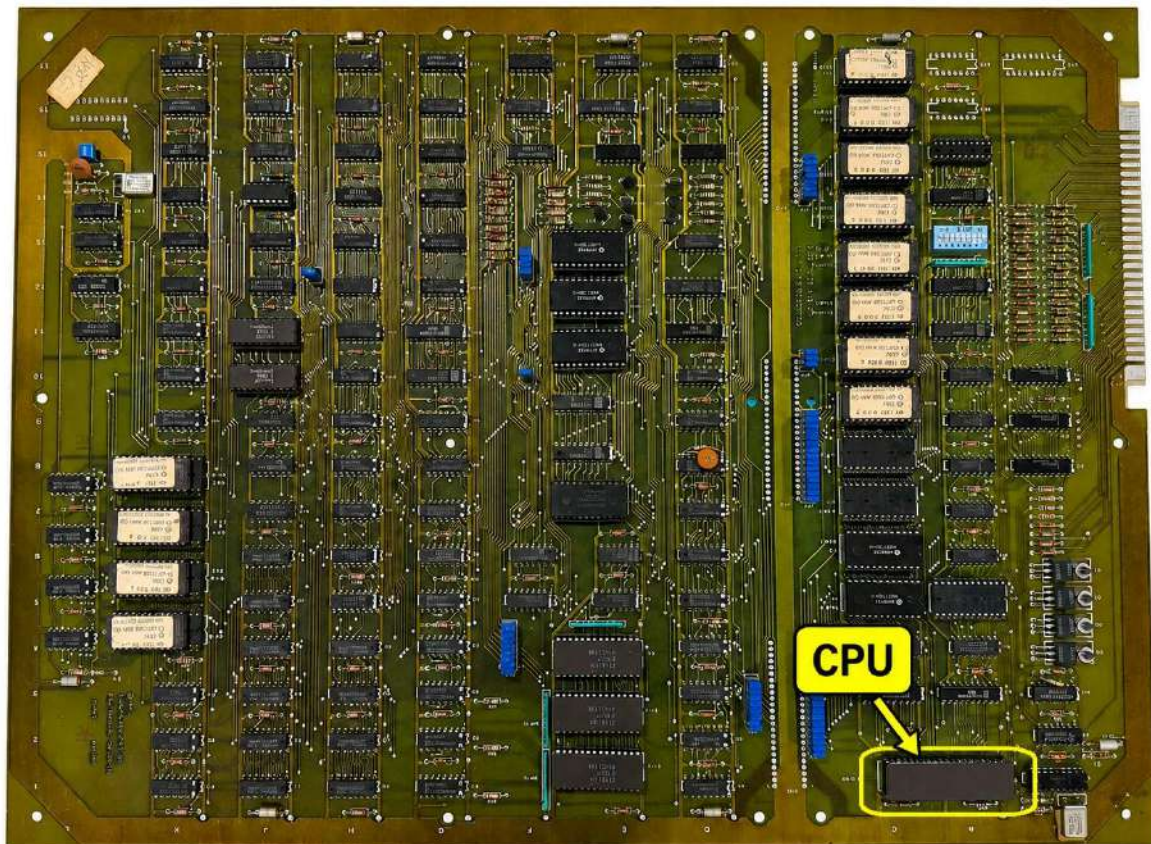
**An 8088 processor is required. Reuse the original processor or select a replacement on the product page. If it is soldered to the PCB, install a compatible 40-pin socket before proceeding.**

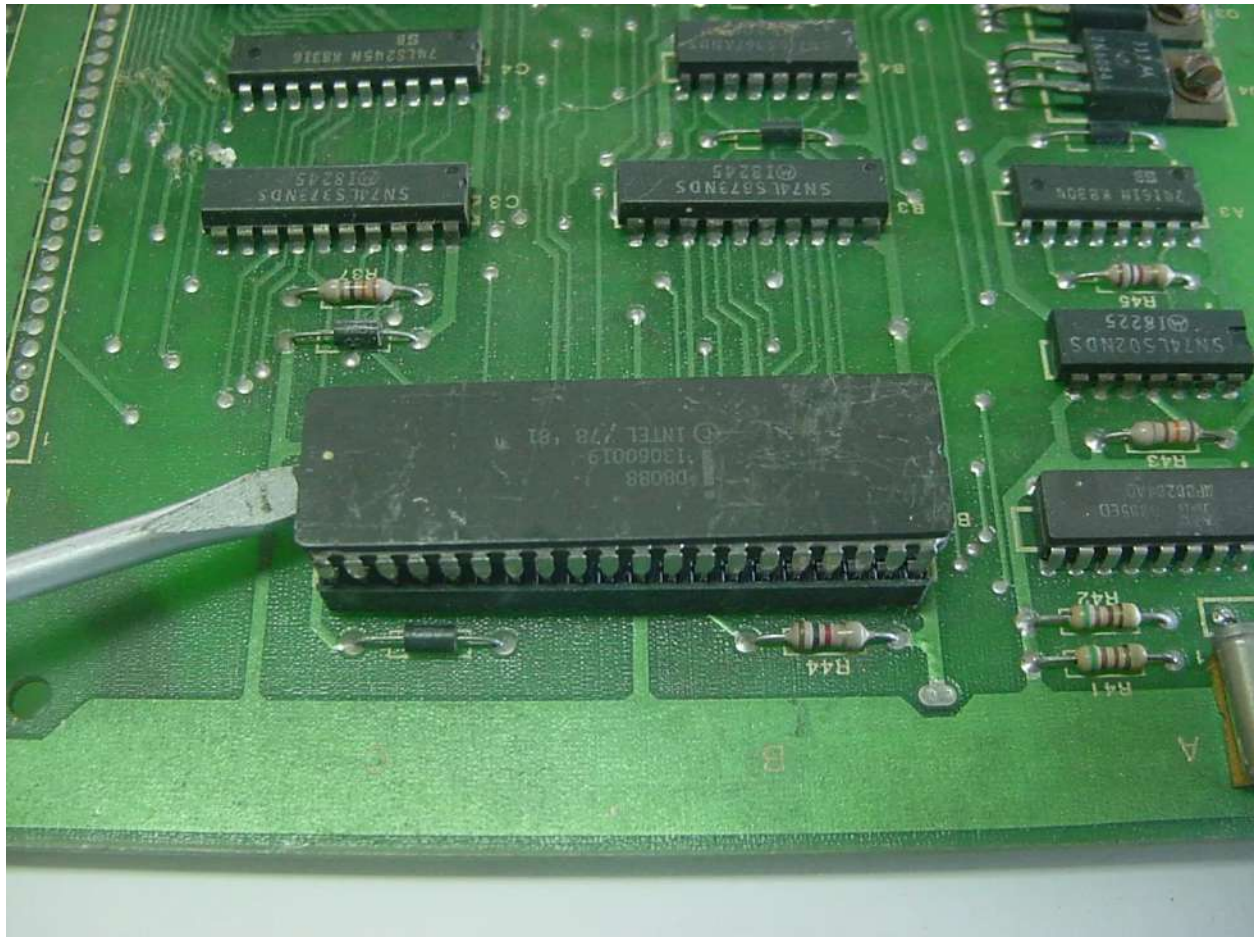
# Game Board Overview

Your game board should resemble the board shown below. This kit is compatible with original Gottlieb PCB hardware. Board revisions and previous repairs may vary. Contact HighScoreSaves before installation if your board does not match the photographs.

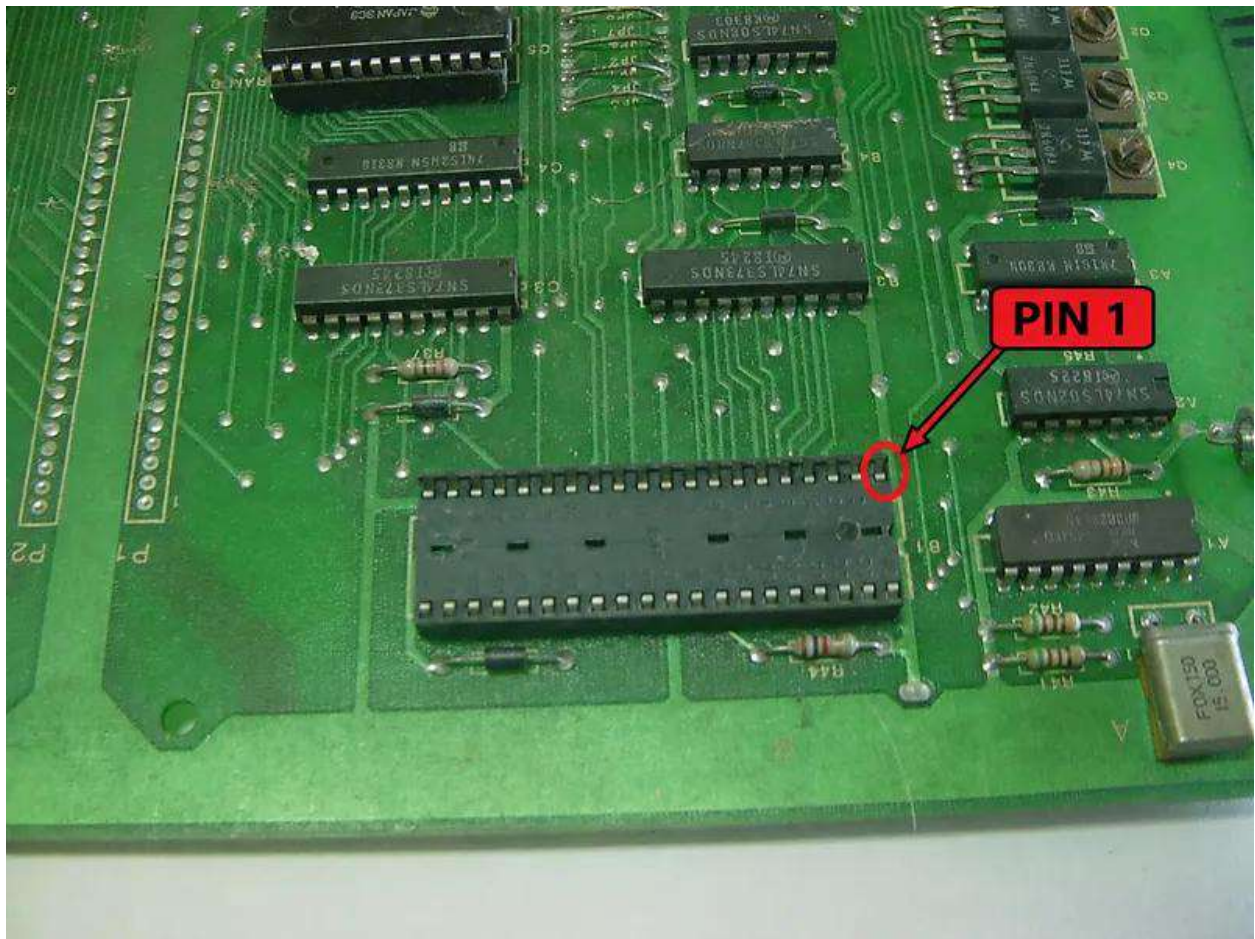


1. Locate the original 8088 processor on the game PCB.

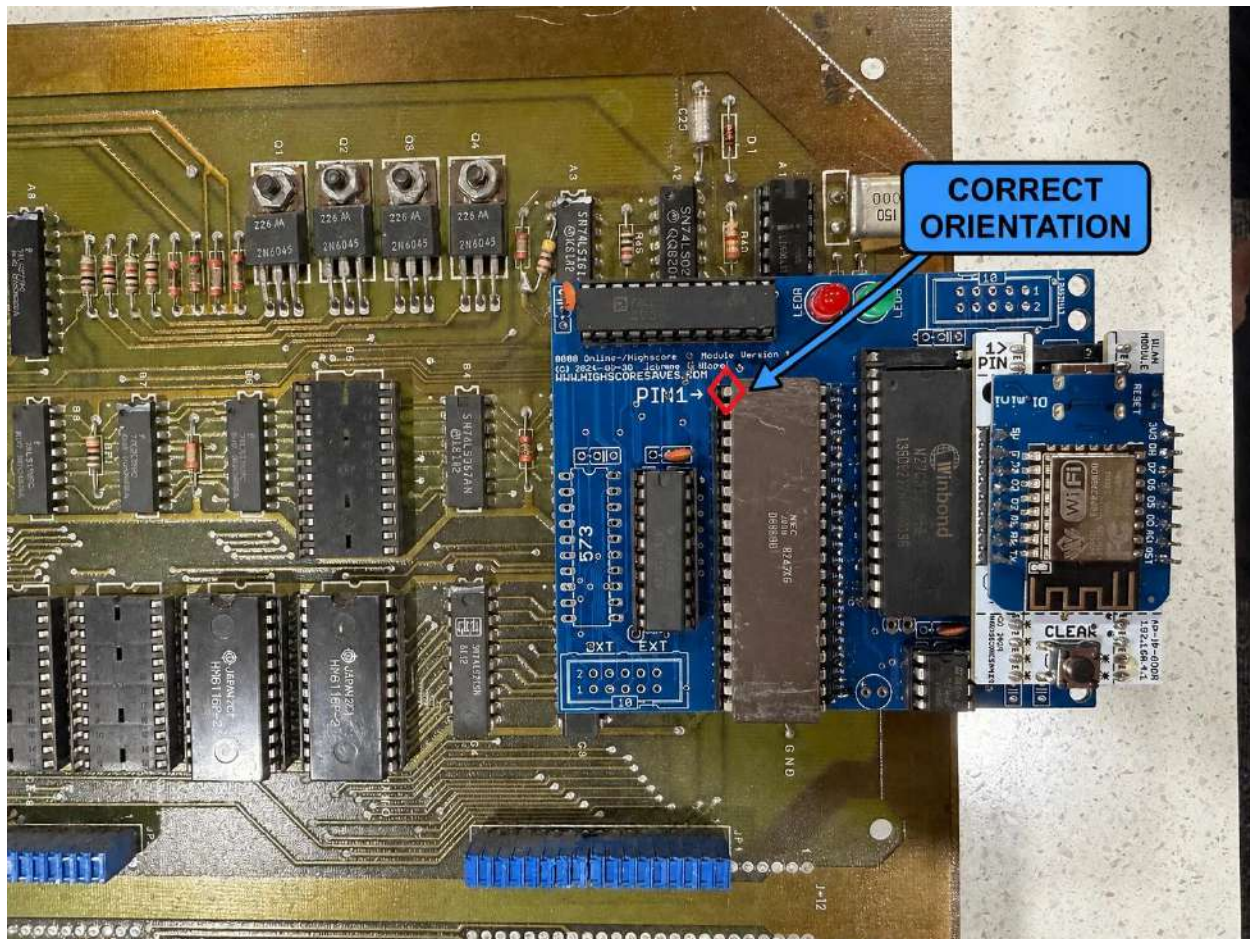




Note the orientation of the 8088 processor. Carefully lift the processor evenly to avoid bending its pins. Do not force the processor or daughterboard.



**3. Install the 8088 processor into the socket on the daughterboard, as shown. Match Pin 1 on the processor with the Pin 1 marking on the daughterboard.**

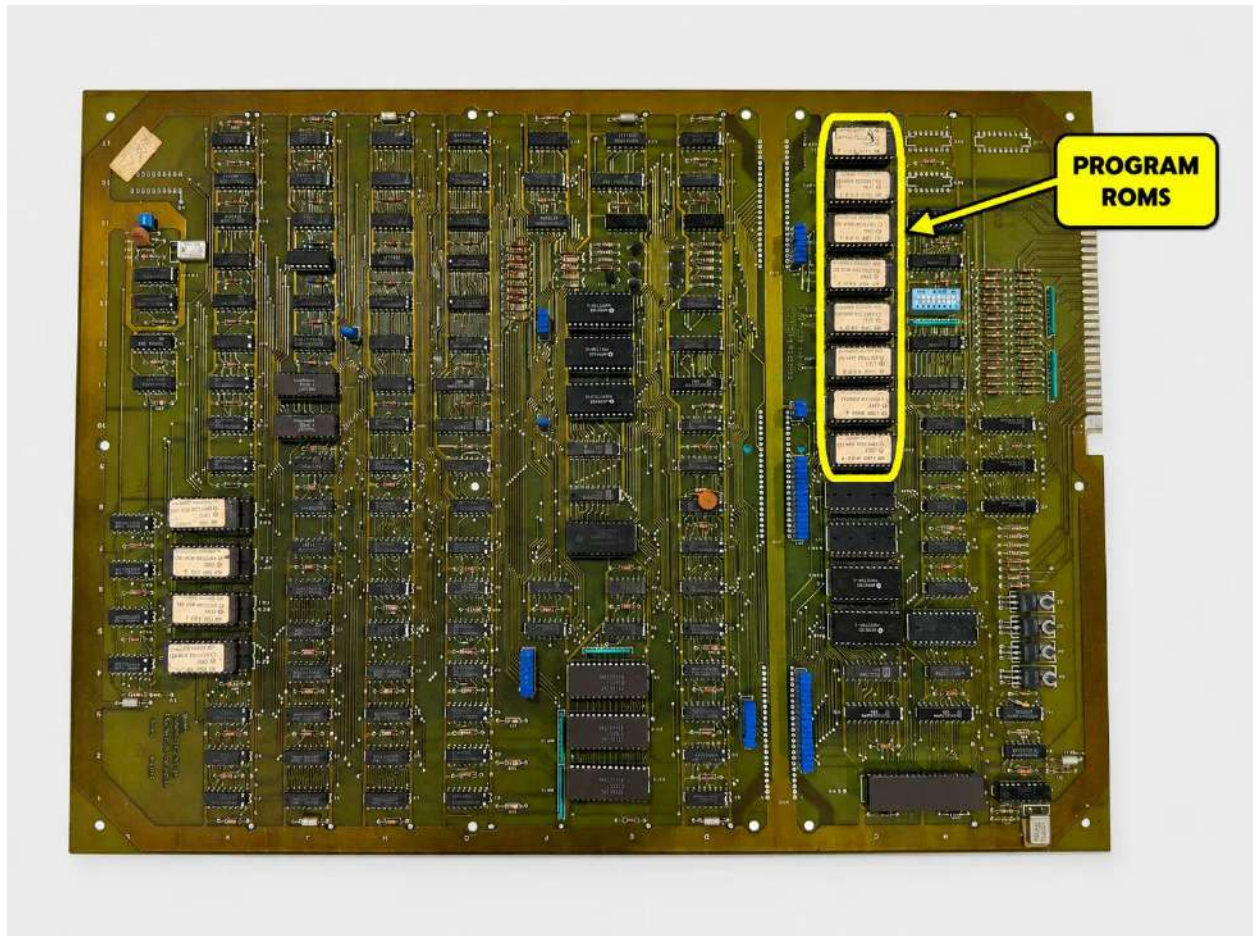


4. Verify that the daughterboard is fully seated in the original 8088 socket and that the processor is installed in the correct orientation. Pin 1 of the processor, daughterboard, and PCB socket must all align as shown.

Ensure Pin 1 of the 8088 is installed in the proper orientation.

Inspect all processor pins before powering on the game. No pins should be bent, folded underneath, or outside the socket.

**Optional: Remove the original program ROMs** - The original program ROMs may be removed because the HighScoreSaves daughterboard supplies the required game code. Removing them is optional unless otherwise directed by HighScoreSaves. Store the original ROMs safely and note their original socket locations.



## 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](#)

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

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

[Tips and Tricks](#)