

Midway 8080 Power Supply Conversion Kit
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WARNING

Although this upgrade has been tested and the techniques used will not directly cause harm to your game. If you do something wrong, you can very seriously damage the electronics! So...



...Please read the instructions.

To perform this upgrade you should:

- Have a working understanding of electronics.
- Be familiar with safe handling procedures for electronic components.
- Be able to follow directions.

Anytime you start messing around with something (particularly something electronic) you accept a certain amount of risk that you may break something. This kit carries with it no guaranty of compatibility to your particular game. If you carefully follow these instructions, you'll do fine and everything will work. If this looks like it's above your confidence level please recruit someone to install the kit for you!

Introduction

Congratulations! You now have the power supply conversion kit which should bullet proof your game. The original power supply could be rebuilt, but a new switching power supply is a more efficient solution.

Before we get started, grab your favorite beverage, maybe something to snack on, and find a quiet place to read this manual so you fully understand what to do before you start tinkering around with your precious labor of love!

Necessary Parts and Tools:

You will need the following parts/tools for this upgrade...

- Phillips Screwdriver
- Pliers

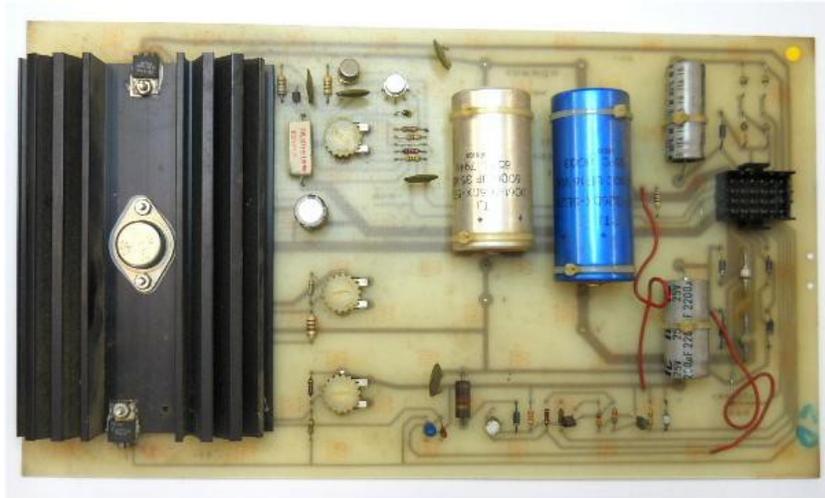
Step One: Unplug the game from its power source!



While installing this kit, electric shock is possible if power is present!

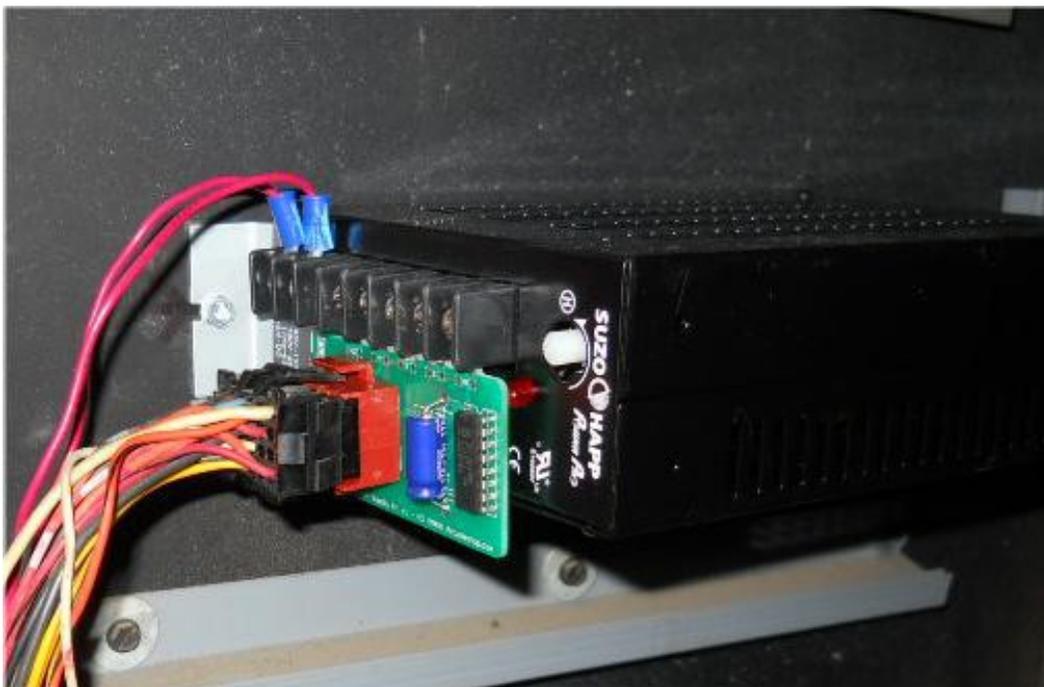
Step Two: Remove the old power supply

Pictured below is the original power supply board. Unplug the connector and remove the board. The harness connector is keyed so it will only plug in one way.



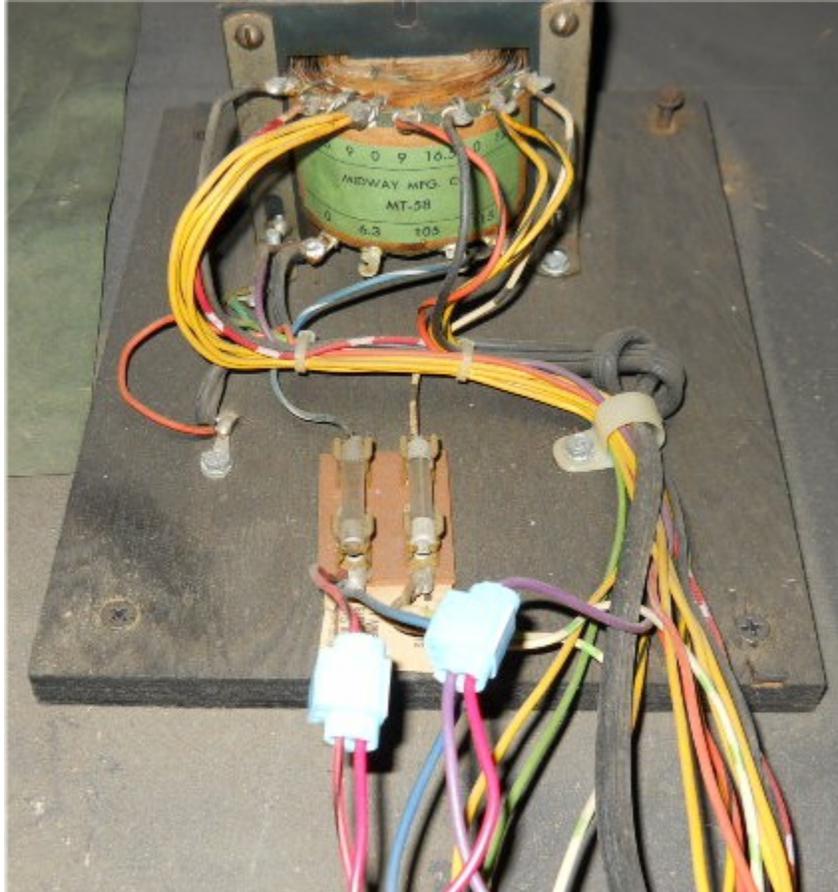
Step Three: Assembly and mounting new power supply

In this step you will need to attach the adapter and A.C. Power wires to the new switching power supply. (See page 1) Next, simply mount the new power supply where the old board was:



Step Four: Connections

Now you are ready to re-connect the connector harness to the new power supply. Next, you will need to use the two blue tap in connectors and tap into 120 volts A.C.



Pictured is a Space Invaders upright transformer where we tapped into 120v. Note: The wires you tap into can vary from game to game. In cocktail cabinets, we simply tapped into the 120v wires going to the cooling fan.

You have installed the kit – congratulations!

Final Notes:

This kit carries with it no guaranty of compatibility to your particular game. Although this kit has been tested with numerous games, there is a possibility that some of them are different. This kit carries no liability protection for you game, while there is no reason this kit should cause damage to your game, it is possible that incorrect or poor wiring can damage your game board(s). Liability is limited to repair/replacement of the Kit only.