Pac/Ms. Pac/Galaxian Power Supply Conversion Kit

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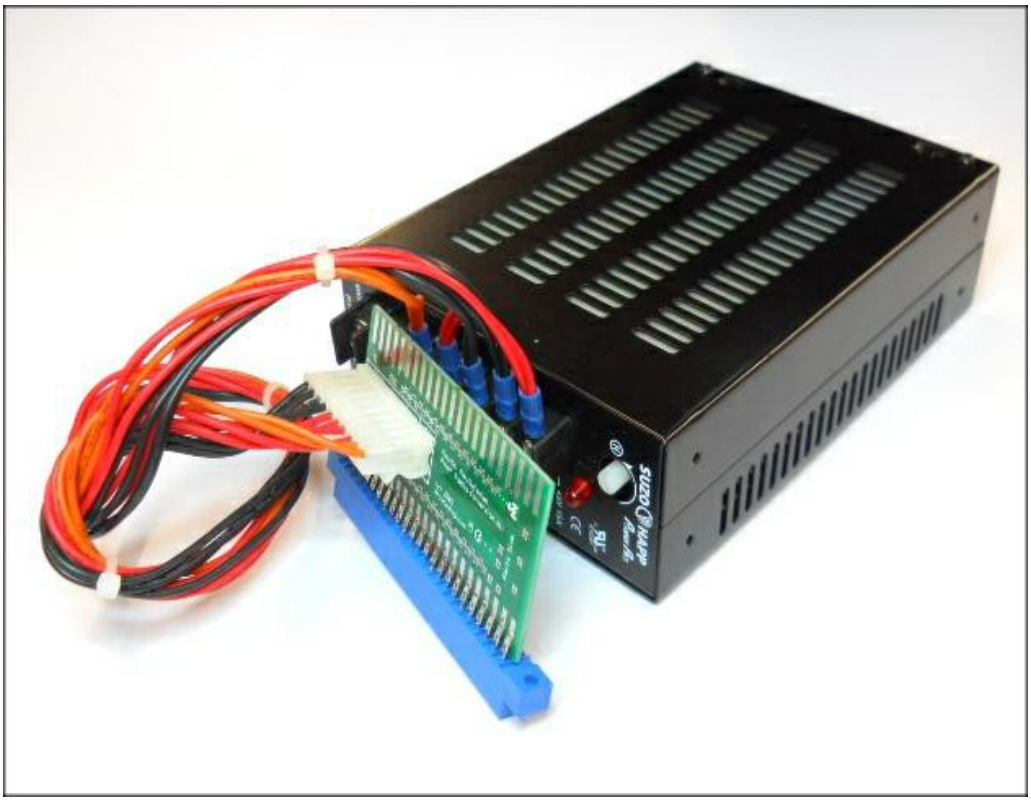


Although this upgrade has been tested and the techniques used will not directly cause harm to your game. If you do something wrong, you can very seriously damage the electronics! So...

...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 power efficient, has built in shut down protection and runs cooler.

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...

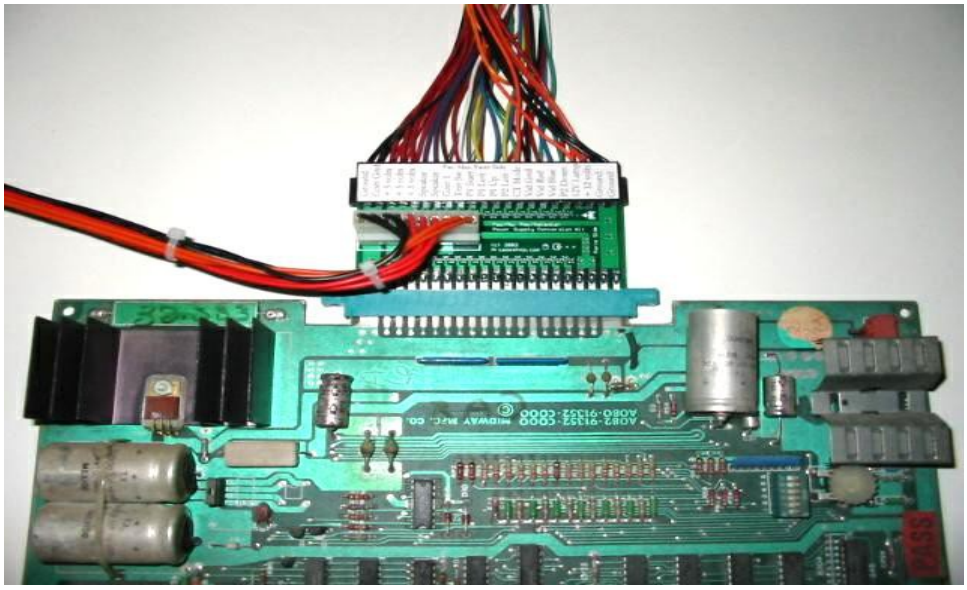
- Phillips Screwdriver
- Pliers

Step One: Unplug the game from its power source!

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

Step Two: Assembly and mounting new power supply

First, attach the wires from the interface adapter to the new power supply. Red wires go to +5, Orange wires go to +12 and Black wires go to Ground (GND). Attach the two A.C. power wires to the "AC" terminals. Next, find a convenient location to mount the new power supply. Note: It must be mounted close enough to the game board so the interface adapter will reach. Next, you will need to disconnect the 44 pin wiring harness connector for your game PCB and plug in the interface adapter to your game PCB, Now attach the 44 pin wiring harness connector to the top of the interface adapter. Be sure the connector is plugged in the correct way by matching the missing wire to the missing pin on the new power adapter.



Locate the two A.C. power wires leading to the monitor. Find a convenient spot and tap the two A.C. wires from the new power supply to each of the monitor power wires.

Step Three: Check your work

Verify all connectors and be sure everything is secure. You may need to adjust the +5 volts to 5.05 volts. For additional help visit our web site: www.arcadeshop.com

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.