



## Service Installation: 48 V Power Supply

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SI-92718

Written by BTA

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### 48 Volt Power Supply Installation Guide

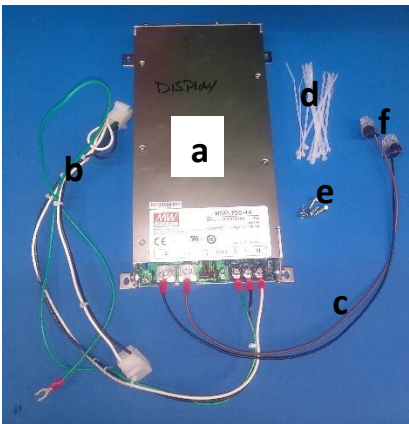
#### PROCEDURE:

Parts Needed: 48V Power Supply Kit

Tools Needed: Standard screwdriver, 1/4" Nut Driver, Wire Stripper

#### INSTRUCTIONS:

Review your kit to make sure everything is included



#### Kit Includes

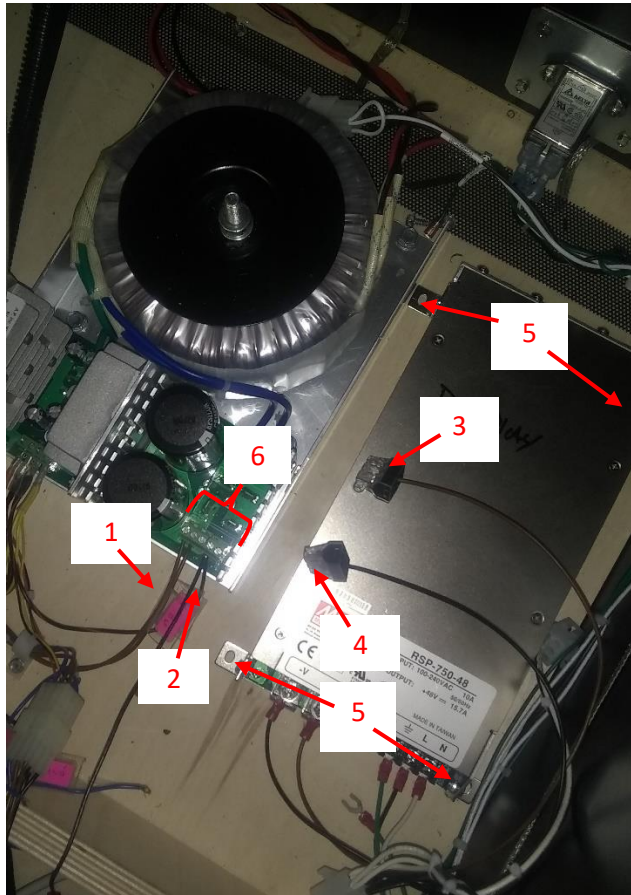
- a. 48 Volt Power Supply
- b. A.C. Connector
- c. 48 Volt and Ground Wires
- d. 2 Wire Ties
- e. 4 Wood Screws
- f. 2 Wall Nuts

Make sure the game is powered off and unplugged. Rest the Playfield on the Yellow Service Stands.

Remove the clear protective cover off the old power supply by removing the retaining nut.



Lay the new power supply to the right of the old power supply.



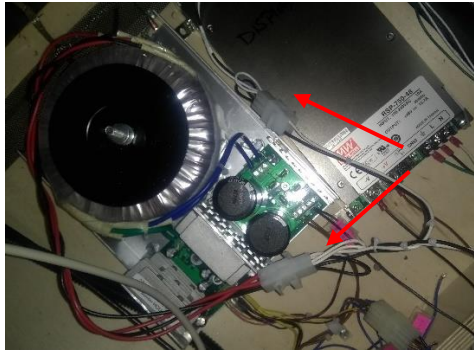
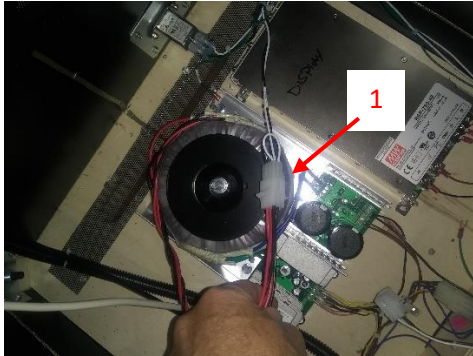
Remove the 2 Brown wires from the old P.S. #1, ensure there is a half inch of insulation removed from the wire and insert into an empty slot on the brown Wall Nut #3. *(your game may have more than 2 Brown Wires, attach all of them to the Brown Wall Nut #3)*

Remove the 2 Black wires from the old P.S. #2, ensure there is a half inch of insulation removed from the wire and insert into an empty slot on the Black Wall Nut #4. *(your game may have more than 2 Black Wires, attach all of them to the Black Wall Nut #4)*

Using the 4 Wood Screws, place a screw through each attachment point into the floor of the game. #5 *(upper right attachment point is not shown in the picture)*

There should be no wires still attached to connector #6

Connect the A.C. power to the new P.S.



Disconnect the old A.C. connector #1

Connect the new AC connector attached to the new Power Supply to both ends of the old connector  
*(pins in the new connectors may need to be adjusted/straighten if they do not mate properly with the old connector)*

Route the Green Ground along the right side of the cabinet towards the front and attach the Green Ground wire to the ¼" nut as shown



**Verify that:**

- ALL** Black Wires are together on the same Wall Nut
- ALL** Brown wires are together on the same Wall Nut
- ALL** A.C. lines are going to the correct colors.

**On the Power Supply Verify that:**

- The Brown wire is going to the **+V** terminal
- The Black wire is going to the **-V** terminal

**A.C. Input**

- The Green wire is going to **Ground**
- Black is going to **L**
- White is going to **N**

Once you are sure everything is connected correctly, plug in your machine and turn on the game.  
Play a test game, everything should operate normally at this point, if not call the service help line

**833-API-HELP**