

Conversion of GALAXY to Switching Power Supply

WARNING: Disconnect all power to the game before attempting the conversion.

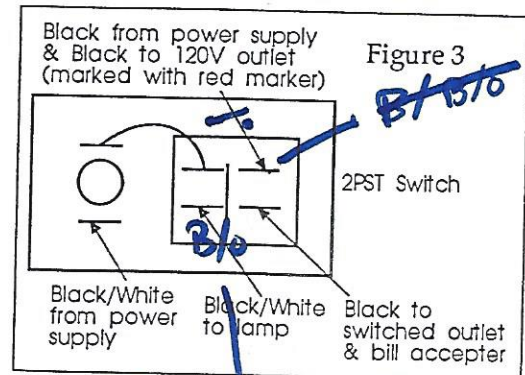
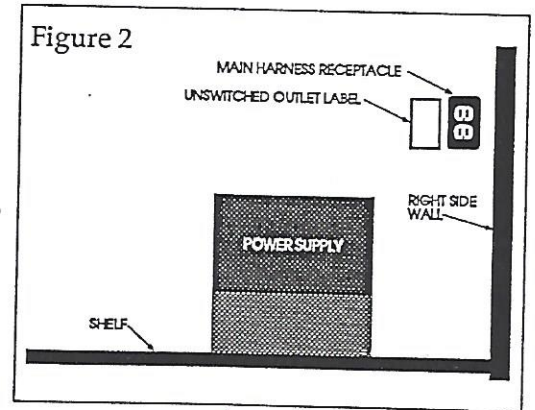
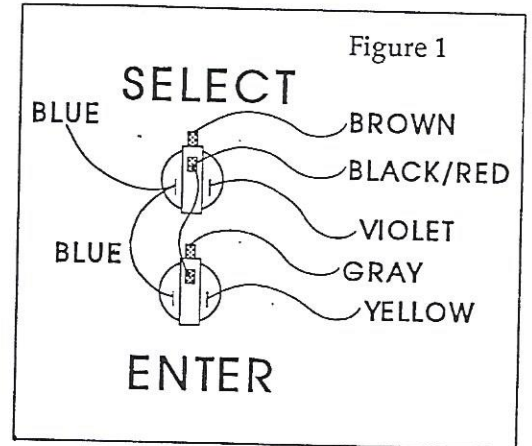
NOTE: After installation of switching power supply the board illumination lamps are 40 watts maximum.

Parts Needed for the Conversion:

- Power supply and harness assembly
- Switching power supply wiring diagram
- Lamp socket assembly (40 watt)
- (4) Cable clips (gray)
- (5) #6 x 3/8 self tapping screws (power supply)
- (8) palnuts (reflector spacers)
- (8) #6 x 1/2 screws (reflector mounting)
- (1) #6 x 3/4 self tapping screw
- Galaxy to Switching Power Supply instructions
- Galaxy manual

Proceed as follows:

1. Unplug the old main harness from the Main P.C. board and from both connectors on the power supply. Remove top monitor plug (with Arachnid decal on it) by removing the two screws in back. Cut the wires that go to the target lamps at the crimps, remove lamp sockets and discard. Remove wires to the side panel switch. Remove the harness and discard.
2. Apply the wiring diagram to the top right-hand corner of the cabinet.
3. Loosen the screws holding the power supply, remove and discard it. Mount the new power supply in its place using #6 x 3/8 screws provided. Install #6 x 3/4 screw through center left hole of dimmer board located in power supply base. Mount power supply cover using (4) #6 x 1/4 SEMS screws (being careful not to pinch any wires).
4. Connect the new main harness to the main board, then over to the SELECT and ENTER pushbuttons and speaker in the same manner as the old harness was removed, as shown in Figure 1.
5. Attach the new main harness receptacle to the inside back wall of the dart game (See Figure 2).
6. Drill a 2" diameter hole approximately 2" behind the left and right light shrouds on the top inside of the game for routing the lamp connectors.
7. Remove the shroud reflectors. Place palnut (reflector spacer) over screw with tooth end facing up. Seat the palnut in shroud, then remove screw. Do this in (4) places on each side. Reinstall reflectors using the new #6-1/2 screws provided.
8. Mount the new lamp sockets. Route the lamp connectors (through the holes drilled in Step 10) inside the game, not in the void area above. Connect lamps to harness. Secure main harness to top panel inside cabinet using cable clips provided.
9. Replace the top monitor plug.
10. Connect the old coin door harness to the new main harness.



Lamp Switch and Fuse

Connect the leads from the main harness to the switch/fuse assembly, as shown in Figure 3.

Conversion is now complete. Apply power to the game and play darts.

If there are any questions, call Arachnid, Inc. at 1-800-435-8319, and ask for Technical Service.