PINWOOFER

Take your time, follow the instructions, relax, and enjoy yourself!

WARNINGS: Perform installation with your pinball machine turned off and unplugged from AC power.
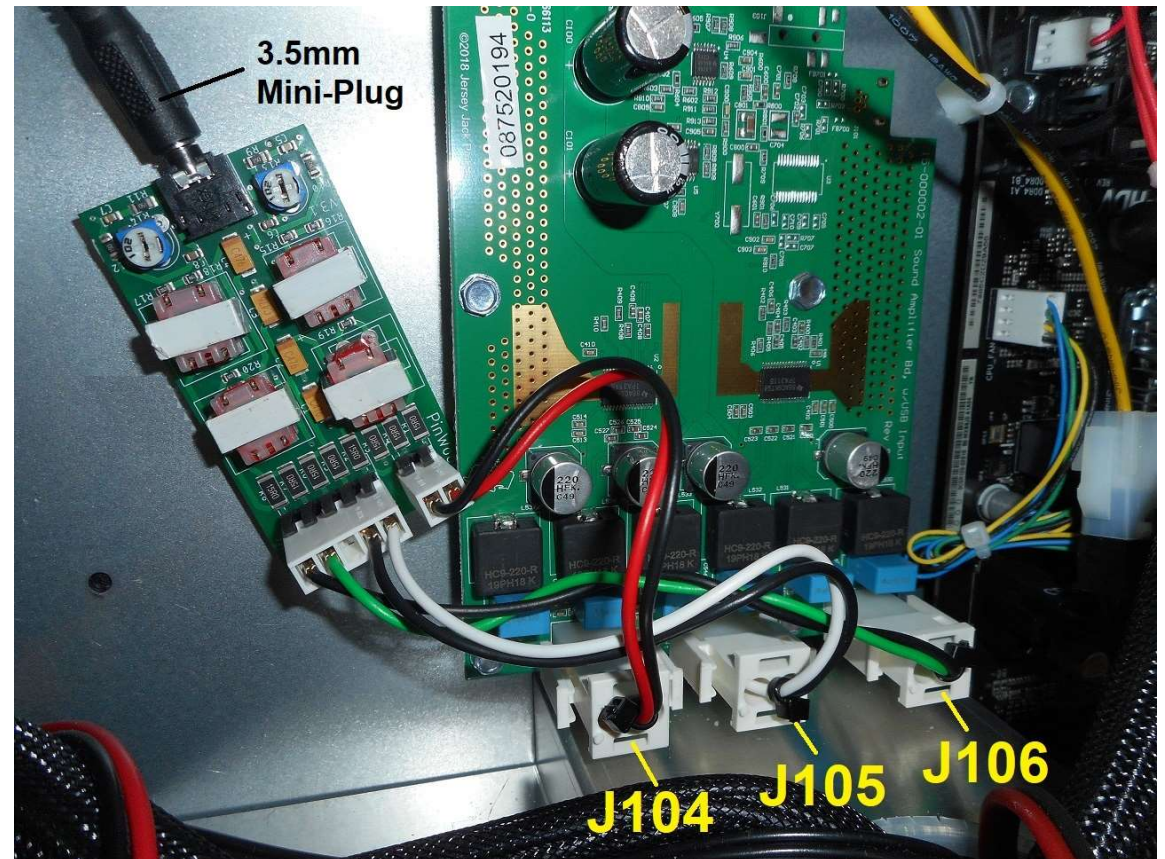
PinWoofer GT JJP Expander Board
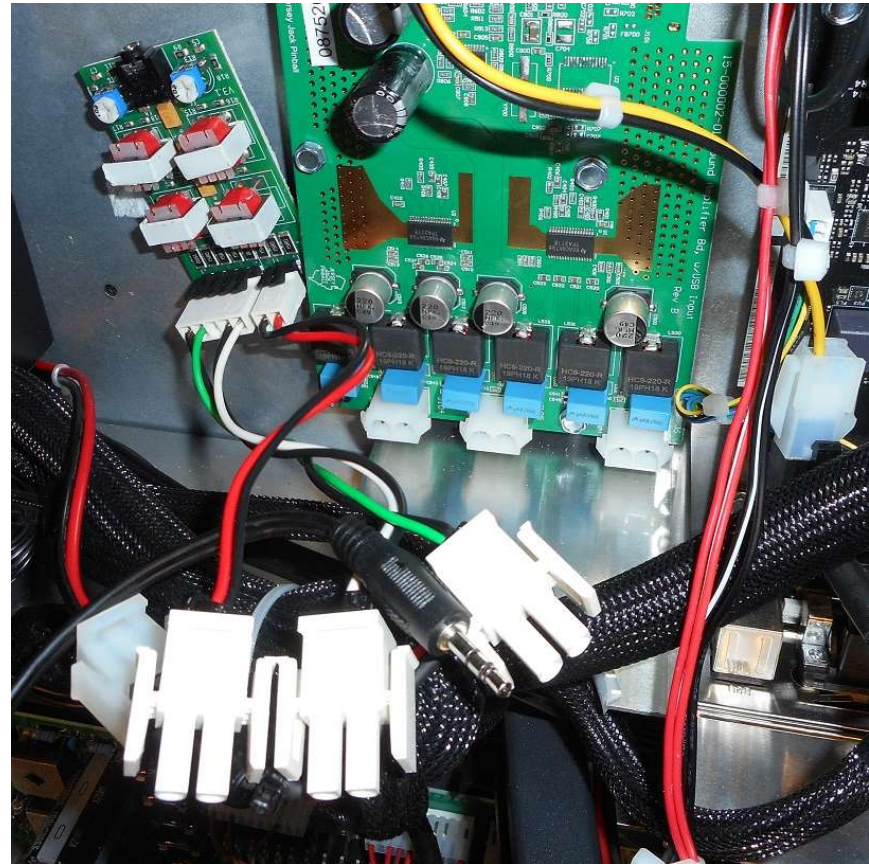
Delete Instructions

Disconnect Expander Board

- There are four items shown to the right, to be disconnected:

  1. Disconnect the 3.5mm Mini Plug from the PinWoofer Expander Board.
  2. Disconnect the RED_BLK connector from J104 at the JJP Amplifier Board.
  3. Disconnect the WHT_BLK connector from J105 at the JJP Amplifier Board.
  4. Disconnect the GRN_BLK connector from J106 at the JJP Amplifier Board.

- There are different versions of the JJP Sound Card and J104/J105/J106 may appear in a different order. Please disconnect all three connectors regardless of their position.

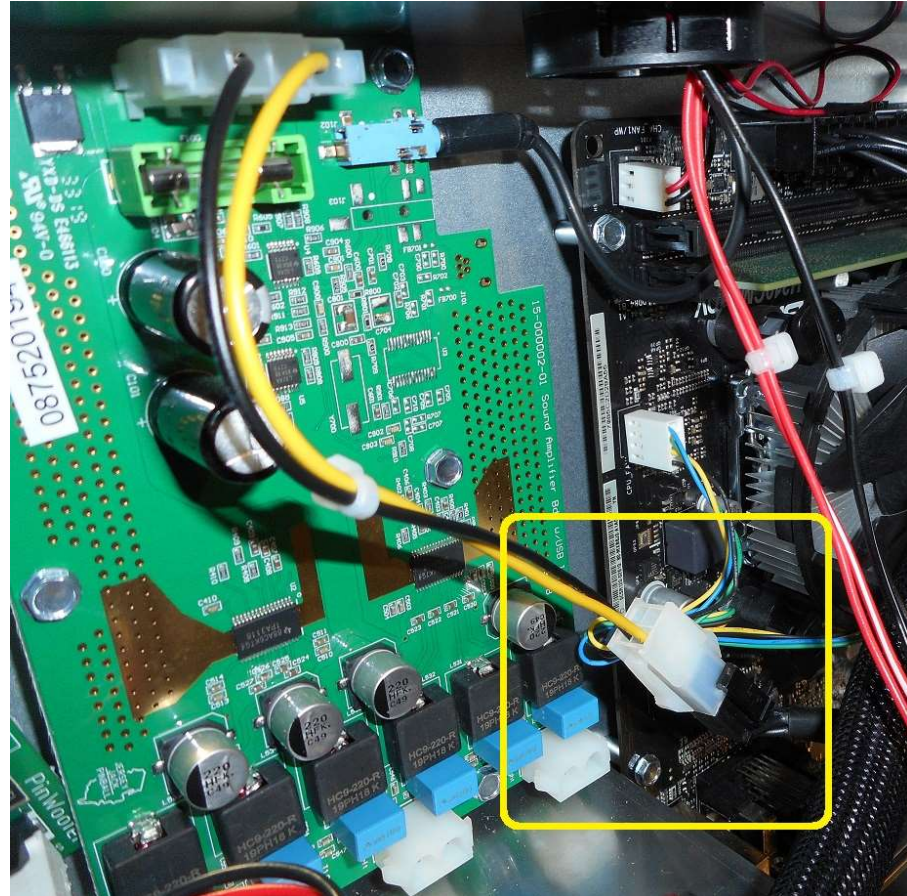PINWOOFER

View of Disconnected Expander Board

- Shown to the right are the disconnected wires.

- Leave the expander board installed, but disabled as shown

- Leave the three wire jumper plugs (previously plugged at J106/J105/J104) in the machine in the event that you need to revert to the original config in the future.

- The 3.5mm mini plug and cable must be re-routed to plug into the ground loop isolator in a later step, so move this cable outside of the enclosure and to the right side of the backbox interior, at this time.

- Tuck the wires and connectors out of the way so that you can replace the enclosure cover unobstructed.

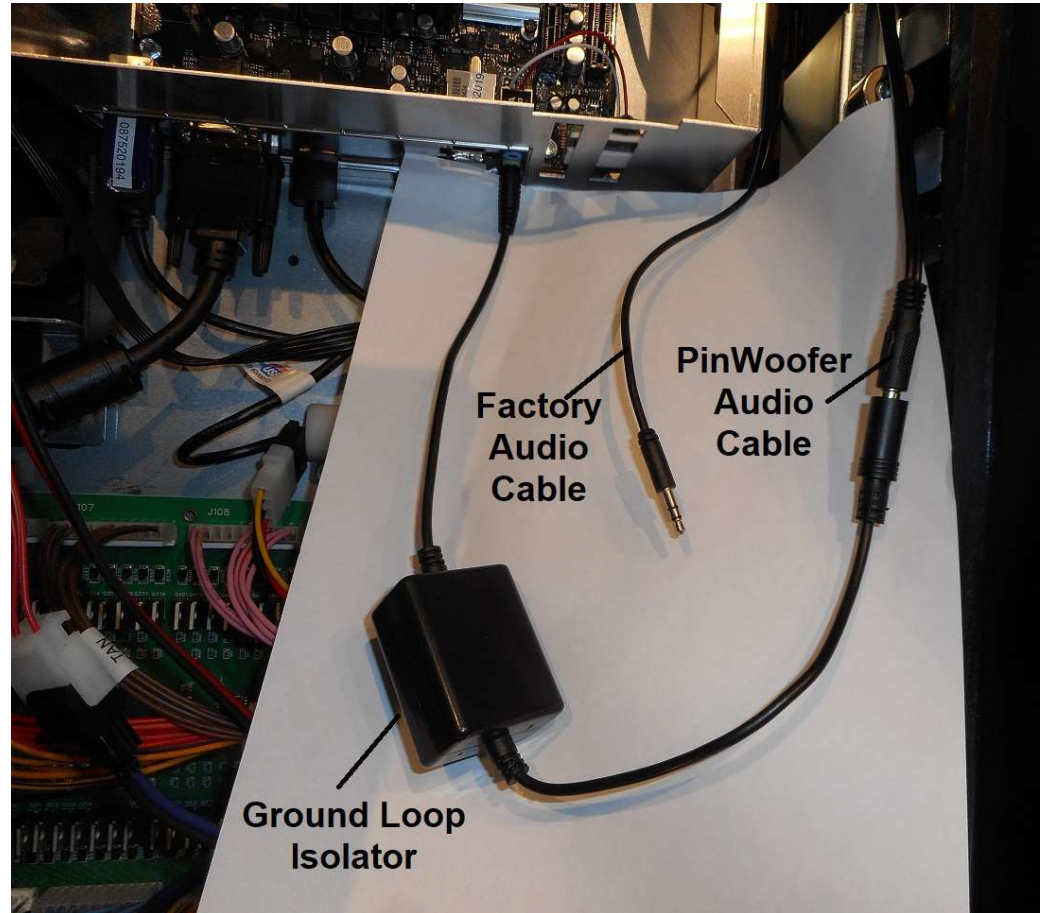PINWOOFER

Disconnect Factory Amplifier Power

- The factory amplifier card will no longer be used.

- It is suggested that you disconnect its power source by separating the connector shown in the yellow box to the right.

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Swap the Ground Loop Isolator Output

- Locate the Ground Loop Isolator (it originates from the green mini-jack on the motherboard).
  1. Disconnect the Factory Audio Cable (3.5mm Mini-Plug) from the Ground Loop Isolator.
  2. Connect the PinWoofer Audio Cable to the Ground Loop Isolator. (This is the 3.5mm Mini-Plug and cable that was previously plugged into the expander board.)

- You have now successfully deleted the JJP Expander Board.

- Please note that you may now run the service menu volume at any level and are not restricted to a service menu volume limit of 40 or less, as is the case when the expander board is in use.

PinWoofer Audio Cable

Factory Audio Cable

Ground Loop Isolator

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Close-Up of the Motherboard Headphone Jack

- If you happen to disconnect the Ground Loop Isolator from the motherboard, re-plug it to the green jack as shown to the right.

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End of Document