



WOZWoofers Installation Manual

Version 1.1 May 03, 2014



modification and add on kit there is a required level of expertise for the installation. If you are not proficient in basic pinball parts installation we recommend having our kit installed by someone who is proficient with the basics of pinball repair. Pinnovators requires our kit be installed by an experienced Pinball service technician with basic electrical skills. As with any electrical piece of equipment a danger does exist and you must agree to not hold Pinnovators responsible for any injury, damages, etc. before continuing.

Power Cord: ALWAYS UNPLUG THE POWER CORD for safety when working on your pinball machine!



2. What's included in the WOZWoofers Kit

- 1 Audiopipe DVC speaker
- 1 High Performance RCA cable
- 1 Lower speaker ring assembly
- 1 Upper speaker ring assembly (the speaker is mounted to this ring)
- 1 set of four screws for mounting the top ring to the bottom ring.
- 1 accessory kit with literature.
- 2 RCA to Audiopipe adapter boards. (pre-mounted on the speaker)



1. Warnings and Agreements

Welcome! The Jersey Jack Pinball Wizard of Oz WOZWoofers kit has been designed for simplicity of installation! As with any Pinball Machine

Requirements:

You will need a few basic tools to do this installation.

Specifically, a set of nut drivers.

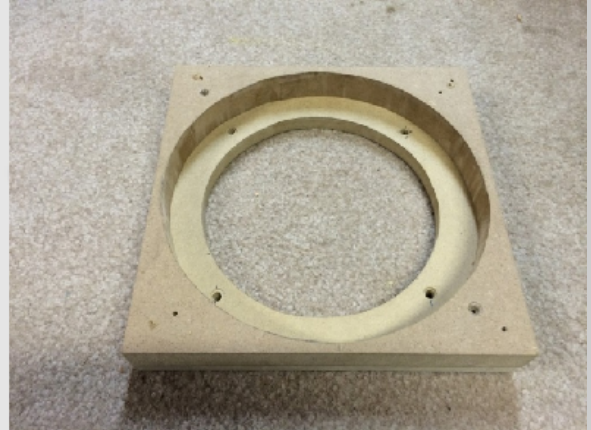
This manual was written using a newer production WOZ. The speaker was tested on an original production WOZ for fit. Installation will vary slightly on an older model.

3. Installation

Unpack the speaker box. Everything is included in the box.



Separate the upper speaker assembly from the bottom ring. Set aside these parts.



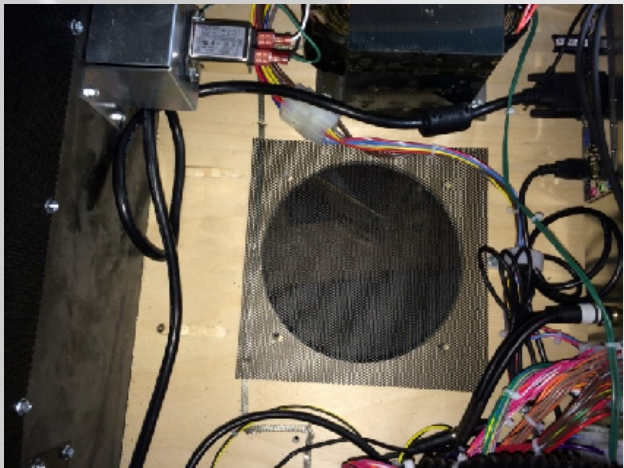
Remove the WOZ lockdown bar and playfield glass. Lift up and slide the playfield out into the service position.



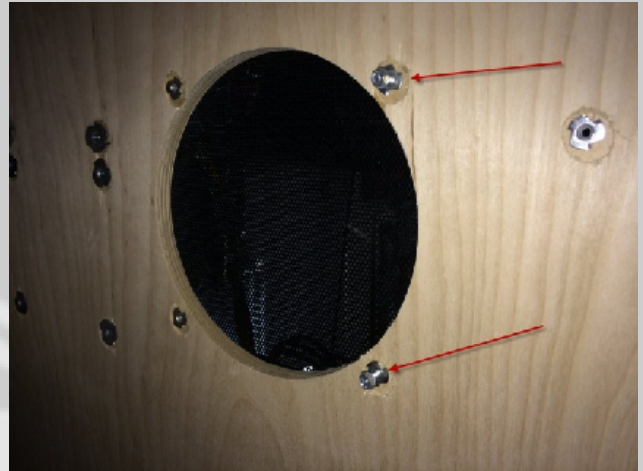
Remove the four screws from the existing speaker. Unplug the cable from the speaker to the connector on the I/O box.



Leave the screen in place. The screen has four holes on it that need to line up with the four holes in the cabinet.



Using two of the removed screws, thread the screws into the T-Nuts on the bottom of the machine as shown. The screws are inserted from the bottom to keep the screen aligned.

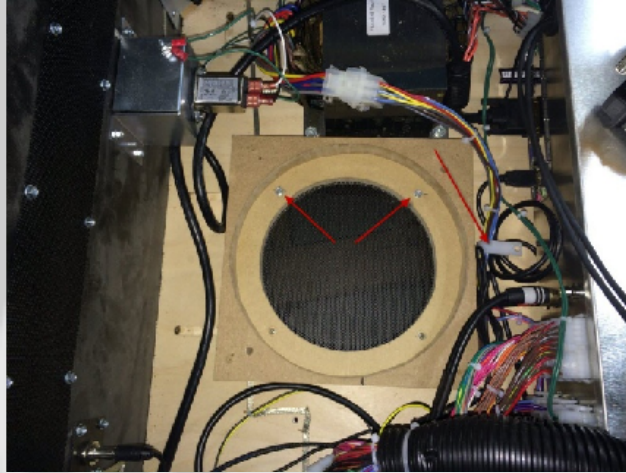


Line up the speaker screen with the two bolts sticking up into the cabinet (from the previous step) Remove the screw holding the nylon cable clamp in place so we can make room for the lower speaker ring. Leave the clamp on the cable!



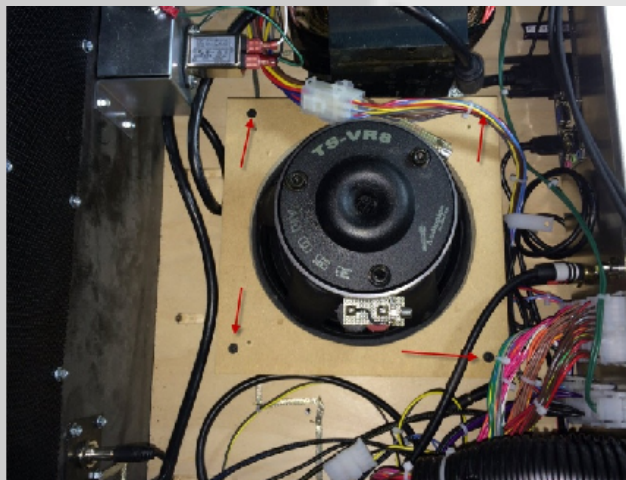
Place the lower speaker ring over the four original mounting holes. Remember, two of the mounting holes will have screws sticking out of them from the previous step.

Use two of the original mounting screws and fasten the lower speaker ring to the cabinet.



Remove the two screws from the bottom of the cabinet T-nuts and use them to fasten the lower speaker rings two remaining locations.

Place the Upper speaker assembly on the lower ring. Point the RCA jacks towards the I/O control box. Fasten the speaker ring with the 4 included screws.



Remove the cover from the I/O Control box. Slide the cover back enough to expose the Amplifier card.

Locate and remove the grommet on the I/O control box so we can easily thread the RCA cable through it. Thread the cable through the I/O box and the grommet as shown.



Reinstall the grommet into the I/O Control box.



Carefully insert the I/O cables into the RCA jacks on the speaker. The color does not matter.

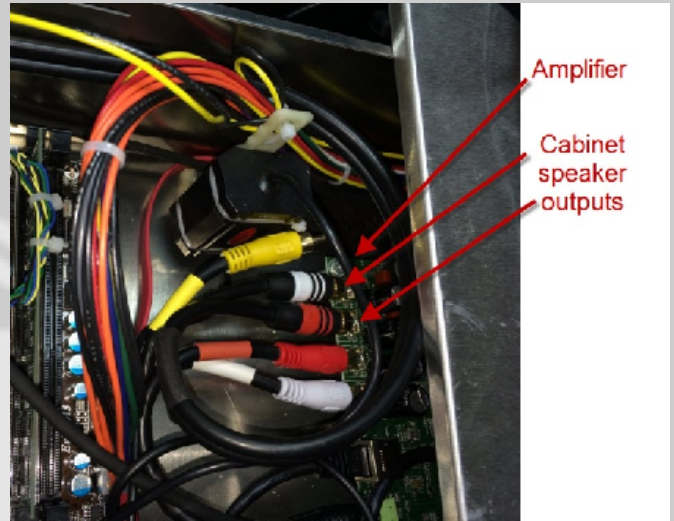


Route the RCA cable as shown below.



Remove the yellow cable from the amplifier. The yellow cable should be completely disconnected from both ends and taken out of the machine.

Insert the RCA cables into the Cabinet speaker outputs on the amplifier board.



Reassembly

Reassemble the I/O Control box cover.
Reinstall the playfield.
Plug the machine back in and power up.

Final Checkout

Power up the system and start a new game. Verify your sound is working with lots of power in the cabinet speaker!

The JJP WOZWoofers kit is the perfect complement to your Pinnovators JJP Sound system.

Thank your purchase of our product! We hope you get many years of service from it.

The Pinnovators Team.

Please visit our website at www.Pinnovators.com