

PINWOODFER

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

WARNINGS: Perform installation with your pinball machine turned off and unplugged from AC power.



PinWoofers 8in JJP Cabinet Speaker Instructions

JJP Installation Video:

<https://youtu.be/xAWS9DgCYtk>

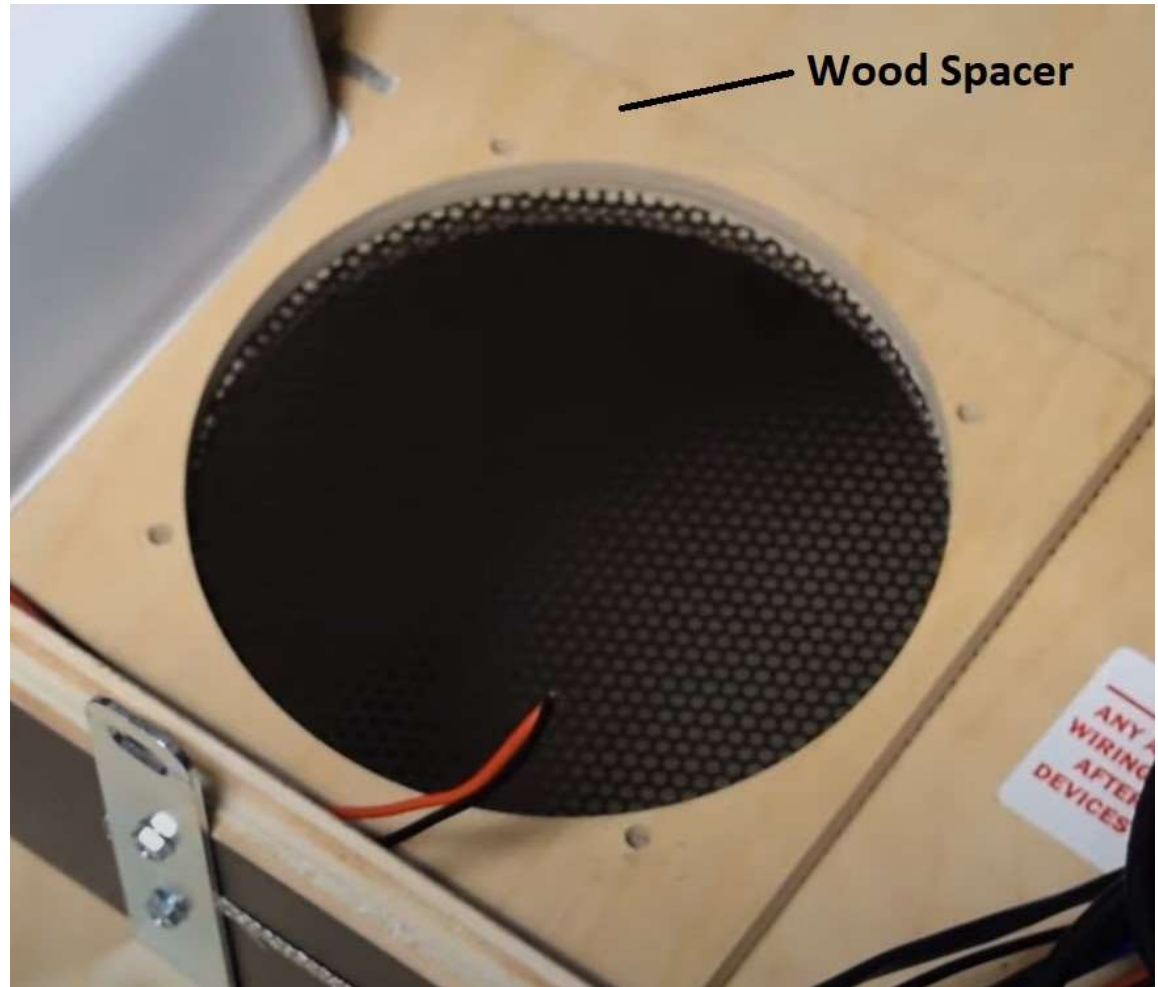
Factory Speaker Removal

- Locate the 8in factory speaker inside the cabinet.
- Clip the RED and BLK factory speaker wires just below the terminals.
- Remove the four mounting screws.
- Discard the factory speaker.



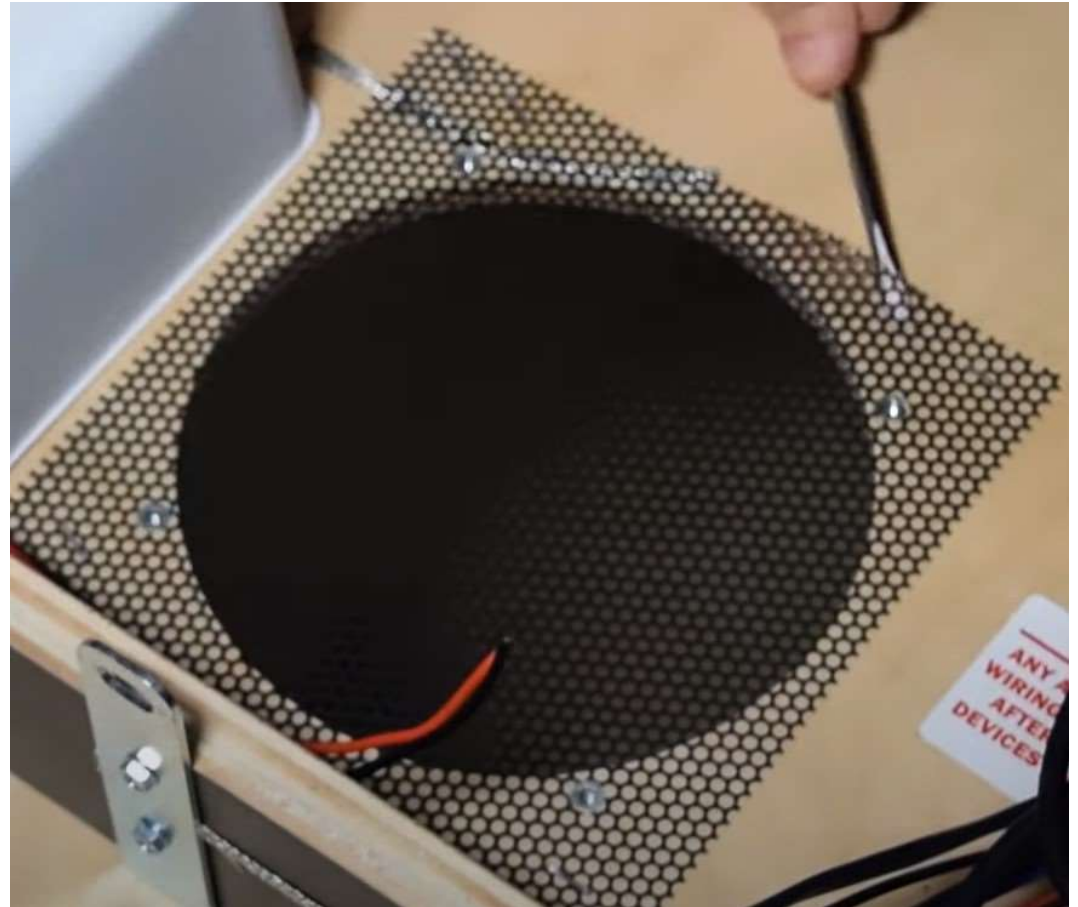
Remove the Wood Spacer

- Remove the existing Wood Spacer and discard it.



Remove the Factory Speaker Grille

- The speaker grille has the potential to vibrate audibly so it is strongly recommended you remove it.
- Pry it away from the cabinet studs and discard it.
- In some cases, the grille may be difficult to remove.
- If this step is beyond your abilities, you can leave it in and decide upon its removal later depending on your results.
- **Use caution and avoid injury.**



Install Mounting Ring

- Place the mounting ring over the factory mounting T-Nuts (4).
- Add one #8-32 x3/4in Machine Screw and one #8 flat washer to each mounting screw as shown to the right.
- Hand tighten.
- Secure well, but do not over-tighten.



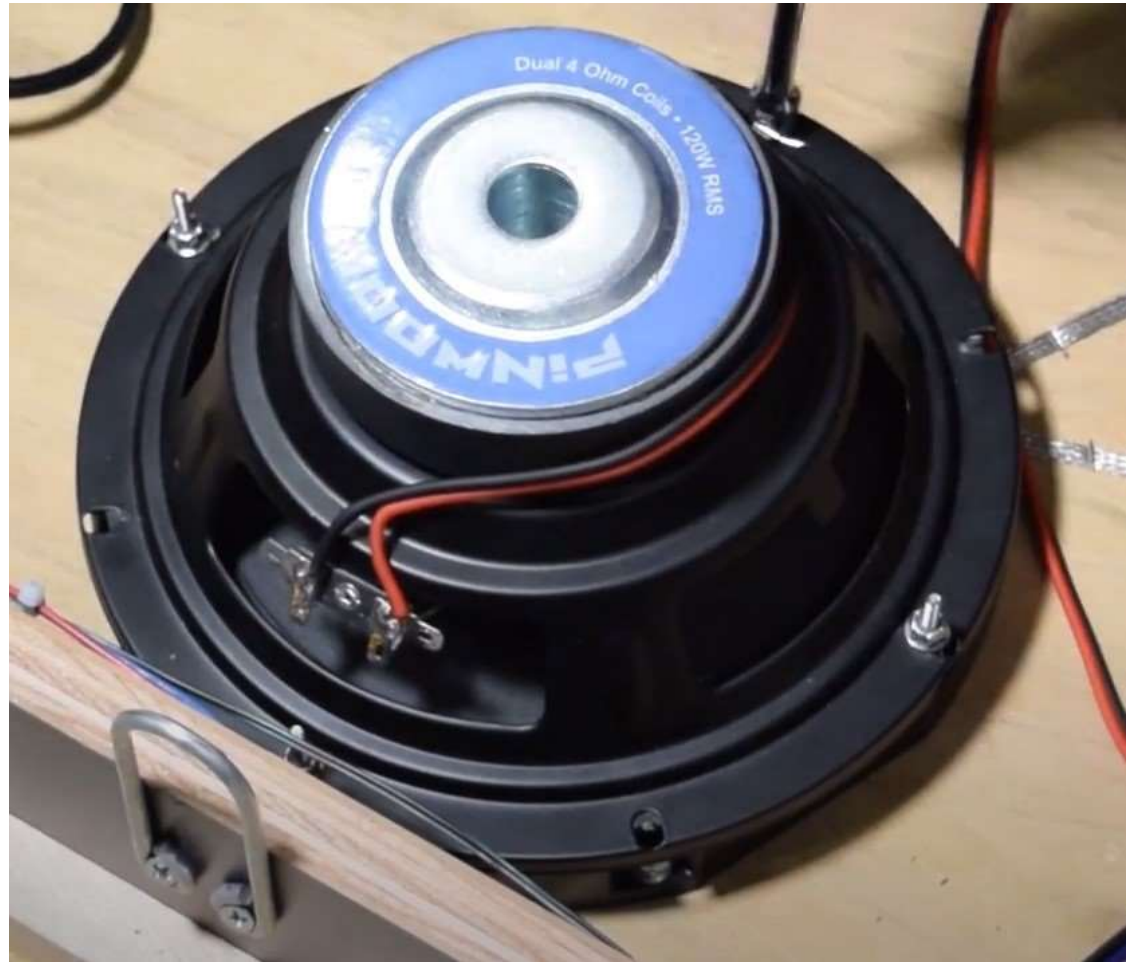
Early JJP Cabinet Speaker

- For Early JJP titles, you'll need to re-use the red speaker cable as shown in the image to the right.
- Cut the wires near the speaker terminals.
- Add wire crimps and re-plug them to the new cabinet speaker.



Install New Speaker

- Place the new cabinet speaker over the four pre-populated screws on the mounting ring.
- Add one #6-32 Locking Nut and one #6 flat washer to each mounting screw as shown to the right.
- Hand tighten with a 5/16in nut driver.
- Secure well, but do not over-tighten.
- Tighten in a circular pattern using care to tighten all nuts equally.



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Playfield Glass Tape

Step 1

- Using your preferred method, clean the glass thoroughly.
- Ensure that any residual oils or adhesives are completely removed, especially from the edges of the glass.



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Playfield Glass Tape

Step 2

- Apply one strip of tape end to end along one side of the glass, taking care to apply the tape parallel and at the edge of the glass.
- Apply tape to what will be the top of the glass.
- With only one edge taped, check the glass fit within the glass channel. If there is excessive resistance you may stop with only one side taped.
- If possible, apply tape to both sides of the glass. The elimination of all gaps between the glass and the channel will minimize glass shake and result in greater intensity / volume potential.
- **CAUTION: It is possible to seize a playfield glass in the channel. If the glass is tight at any time, don't force it. If necessary, you can trim (shorten) the length of the tape progressively, so that only part of on / each side is taped.**
- In the highly unlikely event you seize your glass, you can work a knife under the tape from the interior of the glass, get ahold of the tape, and pull it out which will liberate the playfield glass.



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