



PINWOOFER

PinWoofers™

Cabinet Subwoofer Installation Instructions

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

WARNING:

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

Speaker Grille

It is recommended that you remove the plastic or metal speaker grille present underneath the existing subwoofer speaker because it will rattle audibly after your amplifier is connected.

Coin Box

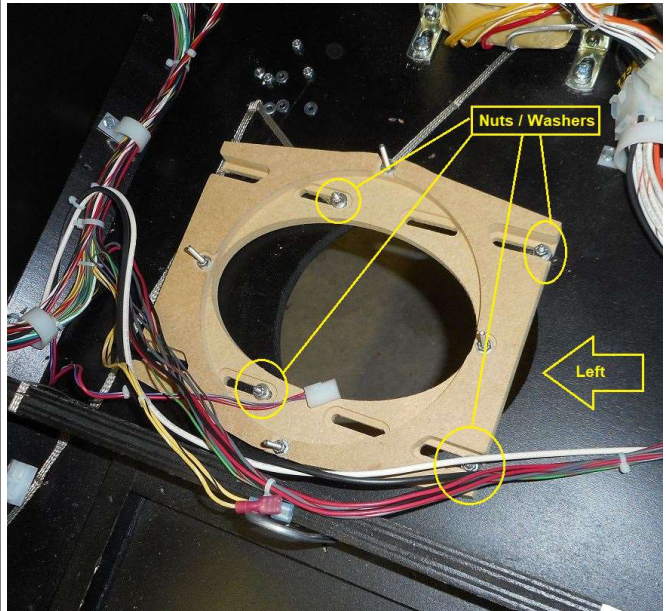
The coin box immediately inside of the coin door should be removed since it is a source of rattle when the game is in play.

8" Offset Ring Type

An 8" offset ring may have been supplied with your system (Metallica and The Walking Dead with converging playfield supports).

Place the ring far enough to the left so that the playfield supports will not contact the magnet when the playfield is closed.

Add nuts and washers to the slots to secure the ring to the cabinet floor. Place the speaker on the ring before final tightening of hardware and make sure your playfield completely closes and the magnet is clear of the supports.



8" to 8" Ring Type

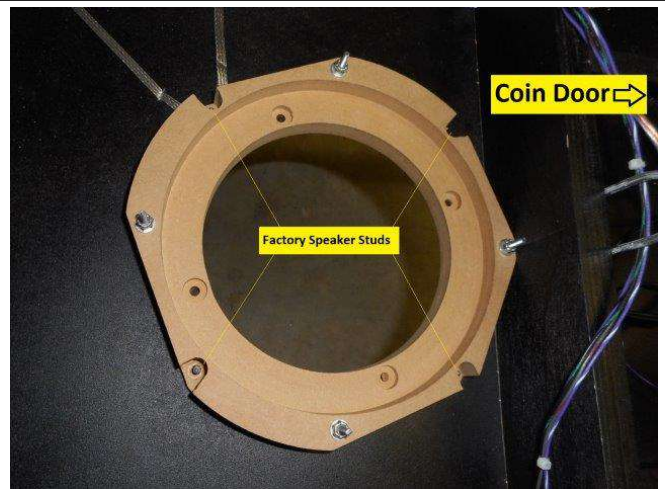
An 8" to 8" ring may have been supplied with your kit. Follow the same procedure as outlined below showing the 6" to 8" ring. The 8" to 8" ring will be different in appearance but the process is essentially the same for any type of ring supplied..



Installation on 8" Patterned Studs - Step 1

Remove the existing cabinet speaker.

On the existing 8" patterned studs, gently place the ring



Add #6 Washers and #6-32 Nuts - Step 2

Using the provided hardware, secure the ring to the cabinet studs. Tighten firmly but do not over tighten.



Secure the Speaker - Step 3

Secure the speaker with #6 washers and #6-32 locking nuts. Tighten firmly but do not over tighten to the point where the speaker basket is deformed. Use pattern tightening, alternating from nut to nut until the speaker is flush mounted.



Installation on 6" Patterned Studs

If your install is on a 6" patterned stud group, utilize the inner four mounting holes.



Early Jersey Jack Pinball Titles Only

Early Jersey Jack Pinball (Wizard of Oz and Hobbit) use a RCA Type Speaker Connector wire.

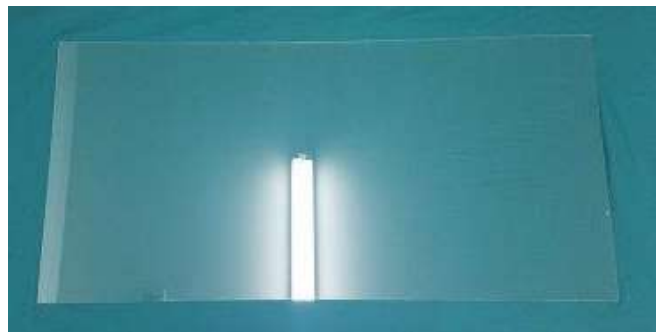
The highlighted wire will be reused as the connection to the female RCA sub output connector. If you are installing a dual voice-coil speaker, a jumper wire is included to connect the two dual voice-coil speaker terminals in parallel.

If you are continuing to use the factory speaker simply leave the cable and RCA connector in place for later connection to your new amplifier.



Clean Playfield Glass – Note 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.

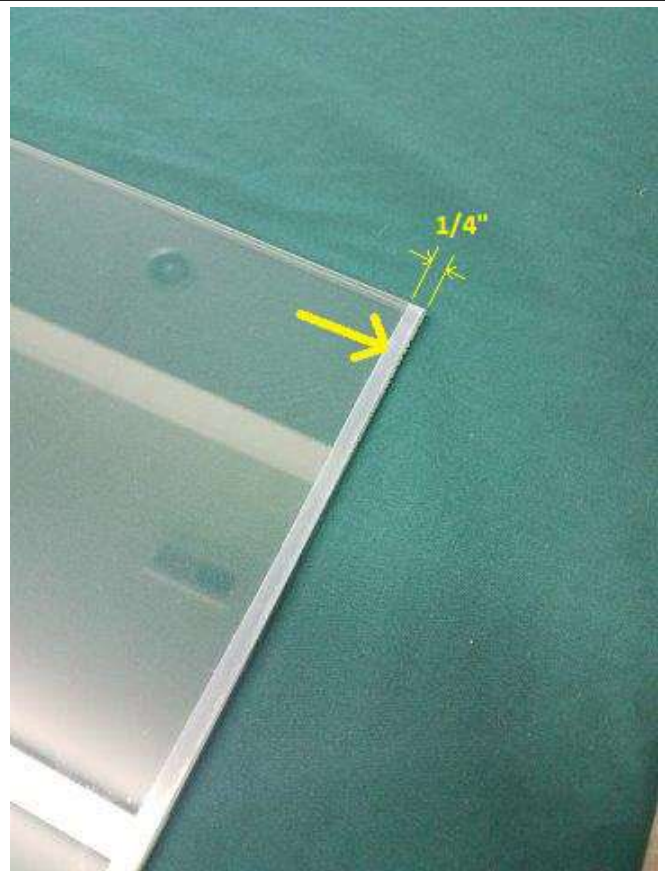


Apply Tape – Note 2

Apply the tape end to end, 43” along the left and right edges of one side, taking care to apply the tape parallel and at the edge 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 top and bottom 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 sieze a playfield glass in the channel. If the glass is tight with two tape layers, don't force it. Remove one layer on one or both sides and try again.



Our Sincerest Thanks for Choosing PinWoofers!