

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 Spike-3 4in Coaxial Speaker Instructions

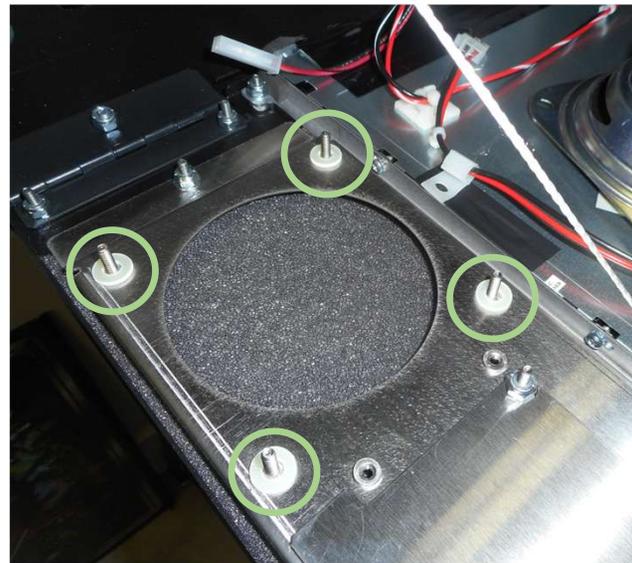
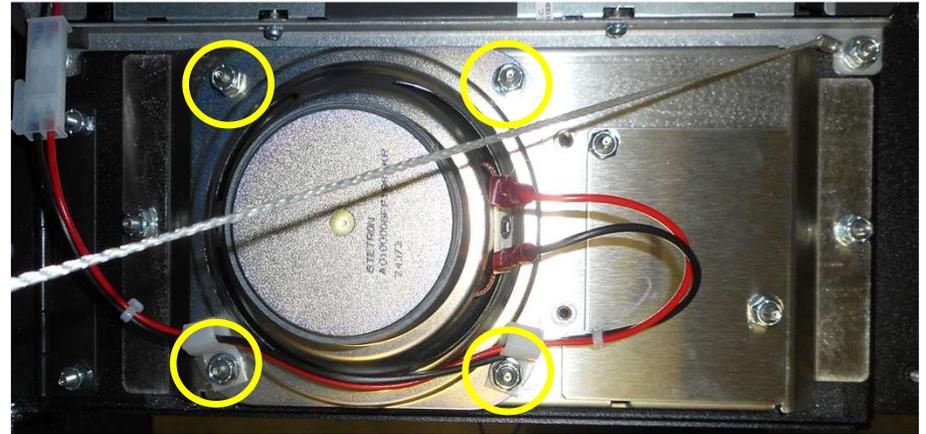
Spacers and Hardware

- Shown to the right are the provided ABS Spacers
- Your existing speakers have existing nuts and washers that you'll need to re-use so carefully set them aside as you perform your installation. Re-used hardware:
 - Quantity 8 #6-32 Nylon Locking Nuts
 - Quantity 8 #6 Flat Washers



Prepare Speaker Mounting Plate

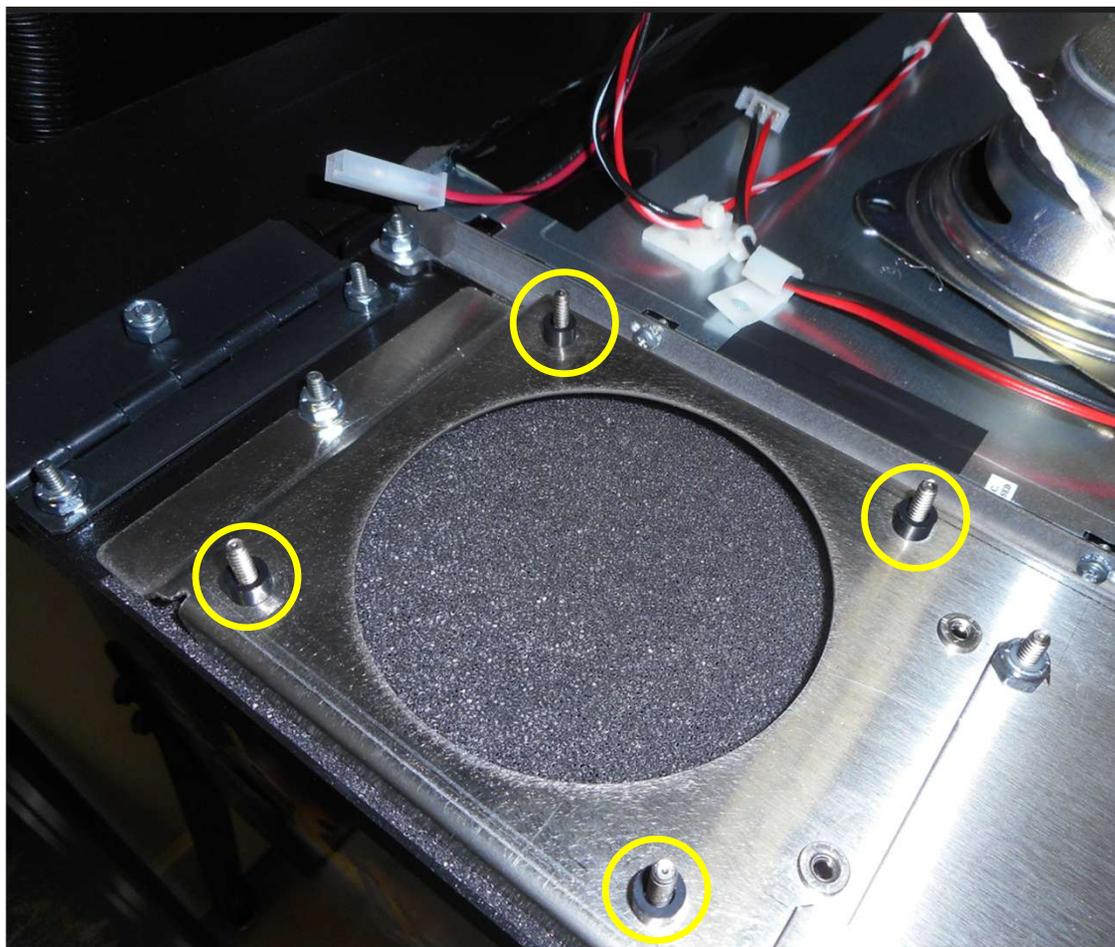
- Shown in this and subsequent pages is the left-side speaker / assembly.
- Remove the existing nuts and washers as shown in the image to the upper-right circled in yellow. Set these aside for re-use later.
- Remove the existing speaker and set it aside.
- Remove the white spacers shown in the image to the lower-right circled in green. These will not be re-used.



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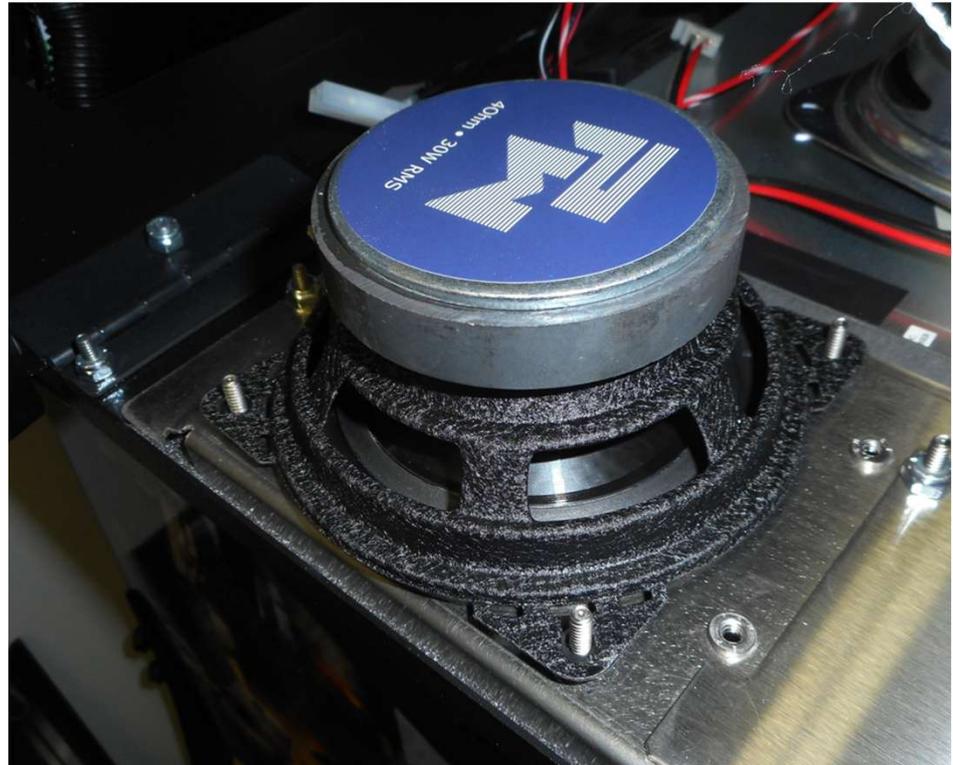
Add ABS Spacers

- Place the provided ABS spacers one each on the studs as shown circled in yellow to the right.



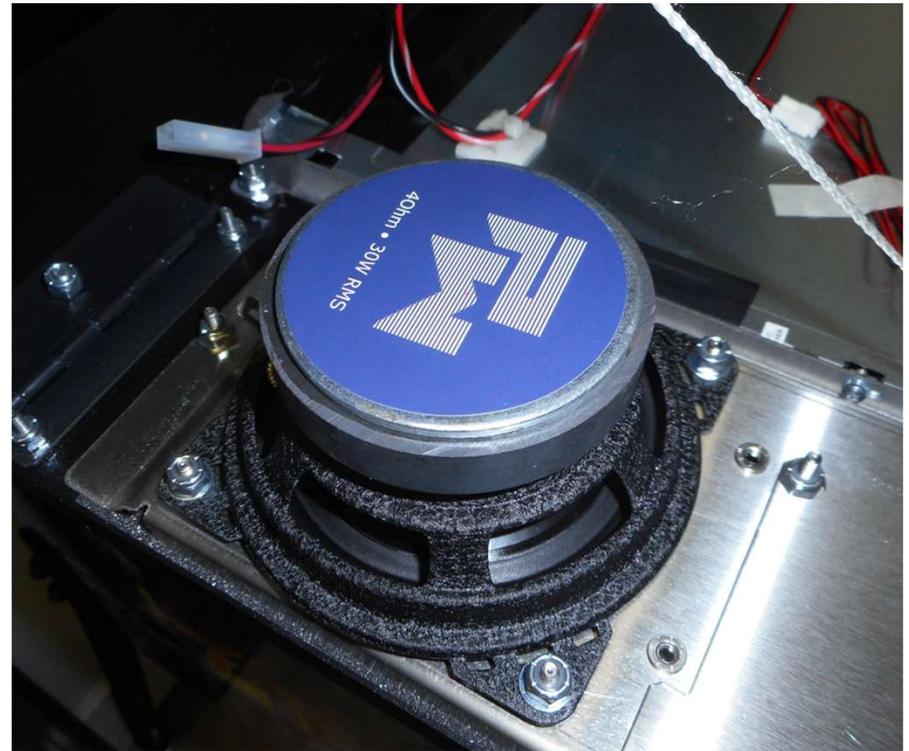
Place the Speaker

- Place one of the provided speakers over the four studs as shown to the right.



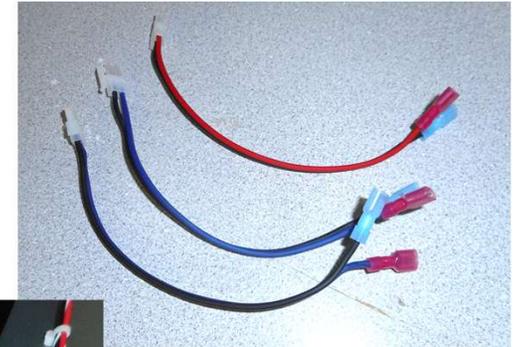
Add Hardware

- Place one each #6 Flat Washer and #6-32 Locking Nut to each stud to secure the speaker.
- Hand tighten securely, in a circle, to pattern out the pressure on the ring.
- **Don't over-tighten; it is possible to break the stud or its weld to the speaker panel.**
- Repeat this process on the right-side speaker / assembly.



Speaker Quick Connects

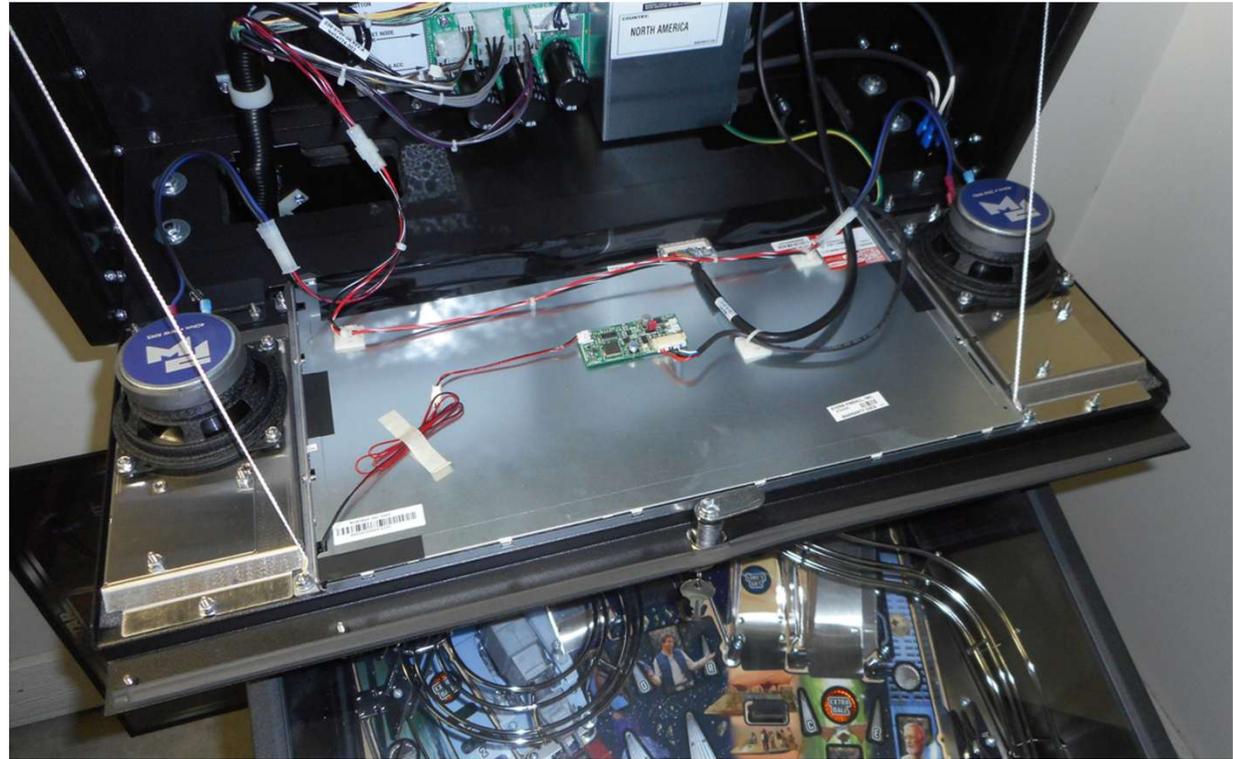
- If you purchased or were provided speaker quick-connects, an image is shown to the upper-right.
- Plug one end of the quick-connect into the factory speaker connector.
- Connect the crimped connectors to the speaker lugs.
- Support the back-side of the speaker lug plate with your fingertip to avoid breaking it.



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Completed Mounting

- The image to the right shows the correct speaker orientation and your finished work.



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Your backbox speakers are now installed!