



What to Know Before Getting Started

1. You will need the following components:

- 1 soft plastic stethoscope
- 1 18" length of ¼" OD soft copper refrigeration coil



2. Here are some suggested components, but it is not necessary to buy these specific products:

- Soft Plastic Stethoscope: <https://www.grainger.com/product/MABIS-Nurse-Stethoscope-18L010>
- ¼" OD soft copper coil: <https://www.homedepot.com/p/Everbilt-1-4-in-O-D-x-10-ft-Copper-Soft-Type-Refrigeration-Coil-1-4-R-10RE/203654086>



We're Here to Help

If after reviewing this guide, you have any questions or concerns, please call us at **562-695-0645** or visit [kriegerproducts.com/contact/](https://www.kriegerproducts.com/contact/) for more information.

Overview

- Using an acoustical leak detector is a simple, inexpensive, and effective way to ensure your acoustical assembly is adjusted to peak performance.
- Often times, non-visible gaps in the seals, door bottoms, or vision kits can lead to inaccurate test results.
- A critical step in checking how well the seals are adjusted is to perform an acoustical leak detection around the gaps of the assembly.

STEP 1

- To make the device, simply cut off the diaphragm and bell of the stethoscope and insert the copper refrigeration coil into the stethoscopes tubing.



Finished Device

STEP 2

- With the speaker source running white or pink noise, use the acoustical leak detector to easily locate areas of the assembly that require adjustment.
- When using the device, any air leaking through the assembly will sound very loud relative to the ambient sound in the room.

End Instructions