

Tips & Tricks:

1. **Bose 901 & 802:** Easily locate the “sweet spot” by applying slightly more downward pressure on the side of the cone with the lead-wires attached. Repair them right in the cabinets.
[See online videos](#)
2. **Large Advent, Dahlquist DQ-10, DQ-20:** Use the blade of utility knife to cut away the old foam and glue on the underside of the Masonite trim ring. After new surround is attached to the cone, apply adhesive to the TOP of the outer lip of the new foam. While the adhesive is still wet, press the cone assembly all the way down until it stops. The new edge will pull itself under the Masonite trim ring. Lift up and exercise the cone to center the assembly.
[See online videos](#)
3. **JBL LE8, LE10, LE14 woofers:** Remove the thin black plastic trim from around the speaker frame and save it for re-use. Clean the underside of the cone and carefully install the new foam edges in their original rear mount location.
4. **Pioneer HPM, DSS woofers:** Be careful when cleaning the cones. The graphite cones crack easily.
5. **New surround fits cone, but too large for frame?** Trim excess outer lip of the new surround with scissors or a utility knife as needed so it fits your frame.
6. **Too large for cone?** Follow cut/seam procedure below:
* Cut through foam, overlap it to fit your cone, glue at seam.



* **The adhesive** supplied with your kit is formulated for speaker repair. It will attach foam, cloth & rubber surrounds to all types of cones including paper, poly, Kevlar, etc.
Try some on a scrap of paper **BEFORE** you do the repair to get an idea of how it handles.
Full set time to dry is **1 hour**.

* **Optional Foam Guard Sealer:** Apply one coat to the exposed surface of new surround with brush after the repair is completed. Allow to dry for **1 to 2 hours** (dries clear).

* **Shims are normally not needed.** Be sure to use our special adhesive and repair methods. When done properly, centering by hand is just as accurate. [See online videos](#)



Inside!
Easy to use instructions for New-Edge-It® speaker kits

*** Use for foam, cloth & rubber edge kits**



Check out our online videos for speaker repair
Bose 901, Cerwin Vega, JBL, Large Advent, New Advent, JL Audio v.2
JL Audio W7, Toyota/Harman/JBL, Infinity and many more!

View repairs online! www.youtube.com/SimplySpeakers



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Parts Needed

- Screwdriver for removal
- Utility knife for cleaning
- Wood chisel (optional)
- Rubbing alcohol or lacquer thinner for cleaning
- New-Edge-It® speaker kit

Please read all instructions before starting repair.

1. Remove speakers. Note wiring (+ vs. -) for later installation. Do not remove Bose 901 & 802.
2. Remove any remaining foam by simply peeling it off the cone and frame. On the frame, if there is a gasket on *TOP* of the old foam, remove it using a utility knife and save. Do not remove Masonite trim on AR & Advent woofers. **See photo # 1.**
3. Scrape remaining foam & glue from the frame using the edge of a utility knife or wood chisel. Soften old foam residue on cone using rubbing alcohol or lacquer thinner. Remove residue by *GENTLY* scraping it off with a utility knife or wood chisel. **See photo # 2.**
4. Before gluing, check for proper cone and frame fit. Small variances of less than 1/8" are usually OK. If the new edge fits the cone, but the outer flange is too large for the frame, trim the outer diameter of the foam edge as needed to fit frame. See "*Tips & Tricks*" on back page for details.
5. Apply 1/8" - 3/16" bead of adhesive to **flat lip on cone edge OR to underside lip of foam if cone is angle attach style.** Spread adhesive uniformly and immediately apply foam to cone. **See photo # 3.**



Photo # 1



Photo # 2



Photo # 3



6. Work new edge onto the cone for several minutes until solid. **Dry time 1 hour.** If needed, prop the cone up to meet the new edge by placing wads of paper towels behind the cone to help lift it. Note: It is usually easier to install new edge to the *TOP* of the cone, regardless of original location. **See photo # 4.**
7. Before gluing the new edge to the frame, exercise the cone by pressing down evenly around the dust cap. This will give you the feel of how to center the coil. Note how the cone can be easily moved around, and the "sweet spot" where there is no scraping of the voice coil is easy to locate. **See photo # 5.**
8. Insert tip of adhesive tube under new edge and apply a bead of glue. Use your fingers to press down on the top of the new edge to distribute the adhesive on the frame. Again, exercise the cone as shown to center the assembly. Also place fingers above and below cone and exercise up and down as shown. Once centered, press down around the new edge evenly on the frame until solid. **Dry time 1 hour.** Wrinkling of the new foam is normal and will subside as the adhesive sets up. **See photo # 6.**
9. If you removed a gasket in step # 2, apply a thin bead of adhesive to the top of the new surround to re-attach the gasket. Be sure to line up the notches for the screws. Place speaker gasket side down. **Dry time 1 hour.** **See photo # 7.**
10. Install speaker noting the correct wiring (+ vs. -) to insure proper phasing & performance. Be sure to reuse any gaskets between the speaker and cabinet.



Photo # 4



Photo # 5



Photo # 6



Photo # 7

