

Tips & Tricks:

1. **Bose 901 & Bose 802** drivers, it is easy to find the exact centering by applying slightly more downward hand pressure on the side of the cone with the lead-wires attached. [See online videos](#)
2. **Bose 901 & Bose 802** speakers can be repaired in the cabinets. There is no need to remove them! [See online videos](#)
3. **Original Large Advent & Dahlquist DQ-10, DQ-20** woofers: Use the blade of a utility knife to cut away the old foam and glue from the underside of the Masonite trim ring. After new foam is attached to the cone, apply adhesive to the TOP of the outer edge of the new surround and then smooth it out. While the adhesive is still wet, press the cone assembly all the way down until it stops. The new foam edge will pull itself under the Masonite trim ring. Lift the assembly up and exercise the cone to proceed as shown in step # 8. [See online videos](#)
4. **JBL LE-8, LE-10, LE-111, & LE-14 woofers:** Remove the hard black plastic trim ring from the speaker frame and save it for reuse. Clean the underside of the cone and carefully install the new foam edges in their original rear mount location.
5. **Pioneer HPM-series woofers:** Be extra careful when cleaning the cones since the graphite cones can crack easily.
6. If foam edge is too large for speaker **frame**, but fits the speaker **cone**: Trim any excess outer flange of the new foam with scissors or a utility knife as needed.
7. If foam edge is slightly larger than the speaker **cone**, or if you have an **odd size cone (Advent 2W)**: Cut across the new foam edge and overlap the foam to make it smaller as needed to fit cone. Remove all but 1/4" overlap of excess foam and glue foam edge together at overlap. There is now a seam in the new foam. Proceed as outlined in instructions to complete repair.
8. **Shims are not needed** to properly replace speaker foam edges using our special adhesive and repair technique. Hand centering is easy and just as accurate. [See online videos](#)
9. The **adhesive** supplied with your kit is specially formulated for speaker repair. It will attach foam & rubber surrounds & dust caps to all types of cones including Poly, Paper, Kevlar, etc. We suggest trying some before applying it to the repair to get an idea of how it handles. A little bit goes a long way! Full set time to dry is **1 hour**.
10. If you purchased **Foam Guard Sealer**, apply it lightly to the exposed surface of surround with a small brush after the repair is completed. Allow to dry for **1 to 2 hours** (dries clear).



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Before Repair



SS Audio ® Speaker Repair Kits

Inside!

Easy to use instructions for
New-Edge-It ® speaker
foam repair 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, and many more!

View repairs online! www.youtube.com/SimplySpeakers



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Parts Needed

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

Please read all instructions before starting repair.

1. Remove speakers from cabinet (except Bose 901, 802). Note correct wire hook up (+ vs. -) for later installation.
2. Remove any large pieces of remaining foam by simply pulling them away from the cone and frame. If there is a gasket on top of the old foam, remove it with the utility knife and save for later reuse. **See photo # 1.**
3. Scrape all remaining foam/glue from frame with edge of utility knife or wood chisel. Soften any foam/glue on cone edge using rubbing alcohol or lacquer thinner. Remove residue by GENTLY scraping with 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 OK. If the new edge fits cone, but the outer lip is too large for the frame, trim the outer diameter of the foam edge as needed. See "Tips & Tricks" on back page for more details.
5. Apply 1/8" 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 to cone for several minutes and allow to dry for **1 hour**. It is easier to install new edge to the TOP of cone regardless of original location. Performance is not affected either way. **See photo # 4.**
7. Before gluing to frame, exercise the cone by pressing down evenly around the dust cap. This will give you a "feel" for the center of the assembly. Notice how the cone can easily be moved in one direction or the other slightly 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 bottle under new edge and apply glue around the frame. Use your fingers to lightly press the topside of the new edge to distribute the adhesive evenly. 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 new edge evenly around frame and allow to dry for one hour. Some wrinkling of the new edge is normal and will subside as the adhesive cures. **See photo # 6.**
9. Apply a 1/8" bead of adhesive to the top of the new edge on the frame and replace gasket removed in step # 2 (if applicable). Place the speaker gasket side down. Allow to dry for **1 hour**. **See photo # 7.**
10. Reinstall speaker into cabinet noting the correct wire hook up to insure proper performance. Also be sure to reuse any seals between speaker and cabinet.



Photo # 4



Photo # 5



Photo # 6



Photo # 7

