

REFOAMING INSTRUCTIONS

PARTS NEEDED

- Utility knife - 1/2" wood type chisel (optional)
- Rubbing alcohol or lacquer thinner
- Cotton balls or rags

Read through these entire instructions before starting repair.

1. Remove speaker(s) to be repaired from cabinet, noting the correct wire hookup at driver terminal (+ vs -).
2. Place driver cone side up on a level surface. Remove any large pieces of remaining foam by pulling them away from the cone and/or frame. If there is a gasket attached to the frame on top of the old foam, remove it using the utility knife. Work between the gasket and frame circumference as many times as necessary to remove the gasket. Save for later reinstallation. NOTE: DO NOT remove masonite or cardboard rings found on older Advent, Dahlquist, ADS, or AR speaker frames.



FIGURE 1

3. Scrape any remaining foam/glue on frame using utility knife or wood chisel. Soften any old foam/glue on cone edge using rubbing alcohol or lacquer thinner (see FIG. 1). Remove residue by gently using utility knife edge or wood chisel. If you purchased a PRO KIT see "SPECIAL INSTRUCTIONS" - STEP #3.

4. Place foam surround on speaker (See SPECIAL INSTRUCTIONS #1 or #2 if there are variances in cone or frame fit.) If the cone has a FLAT outer edge, apply a uniform 1/8" bead of adhesive to this edge. If not, place foam surround upside-down on speaker and apply adhesive to the foam's INNER attach lip (see FIG. 2). Smooth adhesive to a uniform film and immediately apply surround to cone. Work surround onto cone until adhesive cures, 3 to 5 minutes (see FIG. 3). NOTE: For ease of installation we recommend installing new surrounds on the top of the cone, regardless of original location.



FIGURE 2



FIGURE 3



FIGURE 4



FIGURE 5

5. Apply a uniform 1/8" bead of adhesive between foam's outer edge and frame (see FIG. 4). Smooth adhesive to a film using your fingertip (see FIG. 5).
6. Press downward on cone assembly near dust cap. Feel and listen for any scraping. You may

have to depress cone 3 or 4 times moving slightly in one direction or another to achieve proper alignment (see FIG. 6). Work surround on to frame, moving ONCE around frame circumference. Place fingers at equidistant locations above and below cone and work cone up and down to check again for proper alignment. Work surround on to frame until adhesive cures,



FIGURE 6

- 3 to 5 minutes. NOTE: wrinkling of surround is normal and will subside as adhesive cures.
7. Replace gasket (if applicable) using adhesive and placing speaker gasket side down. Allow to cure for 1 hour.
 8. Reinstall speaker(s) into cabinet, noting correct hookup to insure proper performance. Check amplifier to cabinet connections as well. Incorrect hookup yields poor bass performance, but will not damage speaker system.

Special Instructions

1. **TRIM:**
If foam surround fits cone properly, but is too large for proper FRAME fit, trim outer edge of surround using sharp scissors. Proceed with steps 4 through 8 above.
2. **CUT & SEAM:**
If foam surround is too large for proper CONE fit, cut surround across it's width using sharp scissors. Return surround to speaker and size-down accordingly. You may cut through overlap and glue edges of surround together, OR leave a small amount of overlap and glue surround at the overlap itself. Proceed with steps 4 through 8 above.