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Model: KLH 8-inch Speaker Foam Surround

Brand: Springfield Speaker

INTRODUCTION

This manual provides detailed instructions for the installation of the Springfield Speaker replacement foam surround for compatible KLH 8-inch speakers. The foam surround is a critical component for proper speaker cone movement and sound reproduction. This product is designed to restore the functionality of your speaker by replacing deteriorated foam surrounds.

PRODUCT OVERVIEW

This package contains one (1) replacement speaker foam repair surround. Adhesive is sold separately and is required for installation.



Image: A single black foam speaker surround, designed for 8-inch speakers. The image highlights the texture and circular form of the foam component.

COMPATIBILITY

This replacement foam surround is compatible with various KLH 8-inch speaker models. Please verify your speaker's measurements against the specifications below to ensure proper fitment. Compatible models include, but are not limited to:

- KLH 100
- KLH 150 MIRROR
- KLH 160
- KLH 170
- KLH 33
- KLH 331
- KLH ASW-8080 / ASW8080
- KLH CB-8 / CB6 / CB8
- KLH 114108T
- KLH 0155-010724 / 0155010724

Always confirm measurements before proceeding with installation.

SPECIFICATIONS

The following measurements pertain to the replacement foam surround:

- **Surround Type:** A8
- **Outer Diameter:** 7.75 inches (197 mm)
- **Outer Roll Diameter:** 7 inches (178 mm)
- **Cone Diameter:** 6 inches (149 mm)
- **Inner Diameter:** 5.5 inches (137 mm)
- **Roll Width:** 0.5 inches (13 mm)
- **Inner Attachment:** Angled

Product Dimensions: 8 x 8 x 0.4 inches

Item Weight: 8 ounces

INSTALLATION GUIDE

This section outlines the general steps for replacing a speaker foam surround. For detailed, step-by-step instructions, please refer to the resources provided by Springfield Speaker. Proper adhesive is crucial for a successful repair.

Recommended Adhesive

We recommend using the **M-3035 adhesive** for this repair. This adhesive is available separately from the Springfield Speaker store.

General Installation Steps:

1. **Preparation:** Carefully remove the old, deteriorated foam surround and any residual adhesive from both the speaker cone and the speaker frame. Ensure surfaces are clean and smooth.
2. **Test Fit:** Before applying adhesive, gently place the new foam surround onto the speaker cone and frame to confirm proper fit and alignment.
3. **Adhesive Application:** Apply a thin, even layer of the recommended adhesive to the inner edge of the foam surround where it attaches to the speaker cone.
4. **Attach to Cone:** Carefully center the foam surround on the speaker cone and press firmly to secure the inner edge. Allow initial drying time as per adhesive instructions.
5. **Attach to Frame:** Apply adhesive to the outer edge of the foam surround where it attaches to the speaker frame.
6. **Center and Secure:** Carefully lower the speaker cone and foam surround assembly onto the speaker frame, ensuring the voice coil remains centered. Press the outer edge of the foam surround firmly onto the frame.
7. **Curing:** Allow the adhesive to cure completely according to the adhesive manufacturer's instructions. This typically requires several hours to a full day, during which the speaker should not be used.

Note: Incorrect installation can affect speaker performance. If you are unsure, seek professional assistance.

MAINTENANCE

Once installed, the foam surround requires minimal maintenance. Avoid exposing the speaker to extreme temperatures, direct sunlight, or excessive moisture, as these can accelerate foam deterioration. Periodically inspect the surround for any signs of cracking or separation.

TROUBLESHOOTING

- **Foam not adhering:** Ensure surfaces were clean and dry before adhesive application. Use the recommended adhesive and allow sufficient curing time.
- **Speaker cone rubbing:** This indicates improper centering of the voice coil during installation. The surround

may need to be carefully detached and re-centered before the adhesive fully cures.

- **Uneven sound:** Could be due to improper installation or an issue with the speaker's voice coil. Re-check installation steps.

SUPPORT

For further assistance, detailed installation videos, or to purchase recommended adhesives, please visit the official Springfield Speaker store:

[Springfield Speaker Store on Amazon](#)

Manufacturer: Springfield Speaker

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