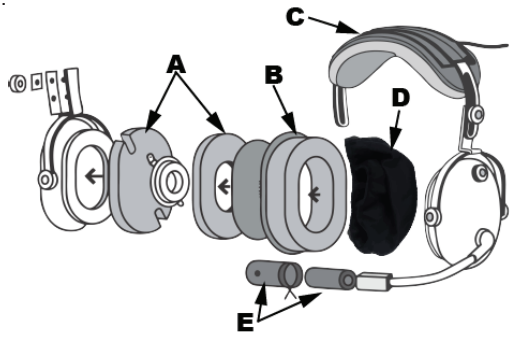
OREGON AERO®

Aerospace Products For Down to Earth Comfort®

Oregon Aero® Headset Upgrade Kit
Part Numbers: 83006DM, 83006E

This kit was designed to be installed in most David Clark style headsets without the need for special tools or disconnecting any wiring. In most cases, only a screwdriver, scissors, needle-nose pliers, and an adjustable wrench will be needed. Care is required to avoid damaging the electronic components in the ear cup. Packaged to military specs: Bar coded label, hermetically sealed.



Kit Includes:

A - **HushKit®** Passive Noise Attenuation Kit
B - **SoftSeal®** Ear Cushions
C - **SoftTop®** Headset Cushion
D - **SoftSkin®** Ear Seal Covers
E - **MicMuff®** Microphone Cover

Satisfaction Guarantee

If you are not satisfied with your Oregon Aero product for any reason, you have 30 calendar days to return the product from the date you purchased it for a full refund or exchange. To be eligible, product must be in good condition and include the receipt.

Limited Warranty

This product is backed by a limited warranty against defects in manufacture for a period of two years from the date of purchase. In the event we receive the return of this product within the warranty period, and we agree that the product is defective, our sole obligation shall be to replace the product at no charge. We disclaim all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular use. Some states do not permit the limitation of implied warranties, so this information may not apply to you.

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Made in the U.S.A.

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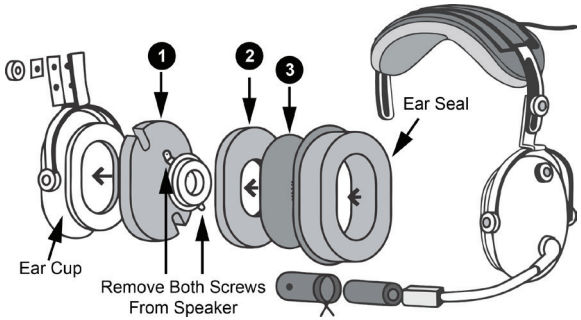
Installation Instructions



HushKit® Passive Ear Cup Noise Attenuation Kit

Testing shows the **HushKit** outperforms ANR headsets in the 700-7000Hz range where hearing loss occurs. Four die-cut, visco-elastic foam layers fill the voids of the ear cups and decouple the speakers from the housing. The result is reduced noise and improved intelligibility. In a noisy cockpit, you can actually turn down your radio's volume. It's not that you can't hear your radio, it's that you can't understand what's being said in the voice frequency range.

1. Remove one of the ear cup assemblies from the headband by unscrewing the clamp nut or thumb screw. For simplicity, we will only be working on one ear cup at a time.
2. Remove the ear seal and all existing foam pieces surrounding the speaker from the ear cup. Remove the two screws that hold the speaker in place. These screws are hidden underneath the first layer of foam. Carefully work the speaker assembly out of the ear cup, leaving the wiring attached. **Leave the bottom layer of old polyfoam in the cup**.
3. Install the solid foam layer **(1)** over the existing layer of polyfoam in the ear cup. Use scissors to slit the foam to clear any obstructions.
4. Place the speaker on the foam layer. The speaker should **float** within the foam **without re-attaching the screws**. To **float** the speaker, rotate it slightly in the opposite angle of the screw towers. This places the speaker closer to the ear, improving audio volume in weak systems, and preventing the loss of audio output.
5. Install the donut-shaped foam piece **(2)** around the speaker. This will retain the speaker adequately. This piece may appear too large, but it will compress easily as it is carefully worked into place around the speaker.
6. Install the cloth speaker cover **(3)** over the top layer of the visco-elastic, tucking it under the ear cup flange.
7. Repeat steps 1-6 on the other ear cup.
8. Re-install both ear seals and re-attach the ear cups to the headband.

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SoftSeal® Ear Cushion Installation

Cushions conform to your head and eliminate ear pressure. **SoftSeal** Ear Cushions have 200-300% more volume for total comfort. Smooth, soft, washable synthetic leather cover over temperature and pressure sensitive visco-elastic foam core. Great with eyewear or earrings. Attach with flange, adhesive ring, or snap-on mount depending on headset design. This noise-reducing and painless two-part visco-elastic core is temperature sensitive and will feel firm when the headset is first worn. This is normal. The foam will soften quickly upon contact with body heat.

For headsets with Earcup Flange

1. Remove old ear seals from ear cups. Make sure each plastic ear cup flange is clean.
2. Carefully work the **SoftSeal** Ear Cushion onto the headset ear cup by gently stretching the retaining flange over the plastic ear cup flange. Be sure the vinyl ear seal flange is placed evenly and smoothly around the perimeter of the plastic ear cup flange.
3. After installing the **SoftSeal** Ear Cushions, adjust the headband to take into account the larger volume of the **SoftSeal** Ear Cushions and relieve tension on the headband.

SoftTop® Headset Cushion Installation

100% plush sheepskin wool padding eliminates top-of-head pressure and keeps your head cool or warm. Padding is also moisture-proof and self-wicking to draw perspiration away from your head.

For headsets with single 5/8” headband springs

1. Remove one of the headband clamp nut assemblies from one ear cup. Slide the old pad off of the headset. Some spring bands have a small tab punched in the band to hold the original pad in place. If necessary, use a pair of pliers to close this tab partially to make removal easier. Remove the wire from the old pad by pulling forward on the wire until it slips out through a small slit in the plastic.
2. Carefully work the **SoftTop** Headset Cushion onto the headset band. Applying a thin film of vegetable oil or silicone spray on the band will make this process easier.
3. Re-assemble the headset band and adjust for best fit and comfort.

MicMuff® Microphone Cover Installation

The **MicMuff** Microphone Cover lets a noise-cancelling mic do its job above 97dB and reduces ambient cockpit noise and noise from radios and intercom. The noisier the cockpit (warbirds, open cockpit, large engine aircraft), the more dramatic the improvement in noise reduction and clarity. The **MicMuff** Microphone Cover **must** be used on **all** headsets installed in the communications system. Soft, washable synthetic leather cover over foam sleeve creates a chamber around the mic. Cockpit noise has limited access to the mic cartridge, but voice passes easily through the holes in the cover. Elasticized tie secures the cover in place, preventing it from blowing away.

(Over)

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MicMuff® Microphone Cover Installation

1: Slip the foam sleeve over the microphone element. This creates a chamber around the mic.

2: Place the leatherette cover over the foam sleeve. The two small holes in the cover should be aligned with the front and rear openings in the microphone.

3: Remove the screw that holds the microphone to the boom.(Skip this step if your headset has a flex boom)

4: Pull the **MicMuff** Microphone Cover over the mounting bosses and clamp the microphone boom directly onto the cover.

5: Use the mounting screw to pierce a hole through the **MicMuff** Cover and re-install the screw to secure. (Skip this step if your headset has a flex boom)

6: Tie the attached elastic cord into a square knot.

7: Using needle-nose pliers, carefully tuck the extra elastic cord inside the **MicMuff** Microphone Cover. Do not cut off the extra cord!

8: MicMuff Microphone is installed. Now, everyone will understand you better!

Cleaning Instructions for Components

Sponge clean with mild cleanser (as used for woolens and delicate fabrics) per manufacturer's instructions. Rinse and wipe dry with a clean cloth.

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