KIT, CONVERSION, BTH TO HELMET RAIL, ARC STYLE

The 22610G-01 Headset Conversion Kit is designed to convert any DCCI traditional behind-the-head (BTH) style headset to operate as a helmet-mounted unit on cutaway Special Ops helmets with compatible Accessory Rails (e.g., Ops-Core FAST helmets and Galvion Caiman helmets; consult DCCI to confirm compatibility.) It includes a detent feature, allowing the user to either clamp into position over the ears when communication/noise attenuation is required, or detent outward to relieve clamping pressure when not in active use.

Installation Instructions

Disassembly of Headband Spring From Headset:

- Remove nut and washer stack on each ear dome by unfastening the nut with an 11/32” nut driver or socket, detaching the spring assembly from each ear dome in the process (see Figure 1).

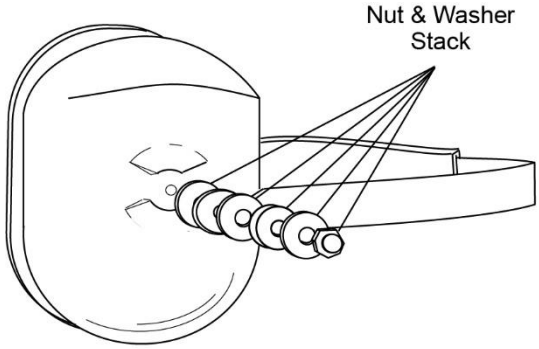

Figure 1

Removal of Overhead Cord From Nape Cushion:

- Model H9140-HT and newer BTH Headsets will have a slit along the edge of the D-channel, spanning the full length of the nape cushion. Peel back carefully with overhead cord until removed (see Figure 2).

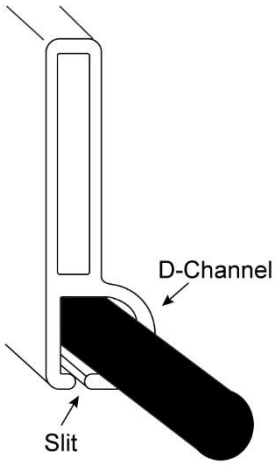

Figure 2

- Older BTH headsets do not include the D-channel slit referenced above. For such models, use a small, thin blade scissors or shears, positioned with the tip of the blade inserted in the D-channel opening (between the overhead cord and channel edge) and carefully cut a slit, spanning the full length of the nape cushion, then peel back carefully with overhead cord until removed (see Figure 3).

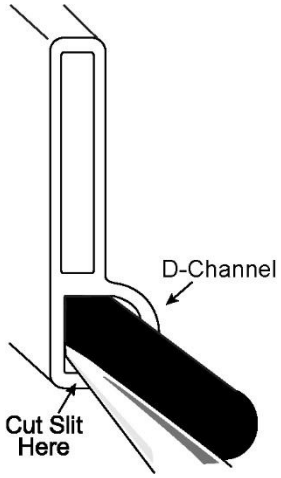

Figure 3

Installation of Rail Adapters to Headset Ear Domes:

- Check the Adapter Housing's orientation, rotating the base as needed until the locking tab is in between the Dual-Tension Spring (see Figure 4).

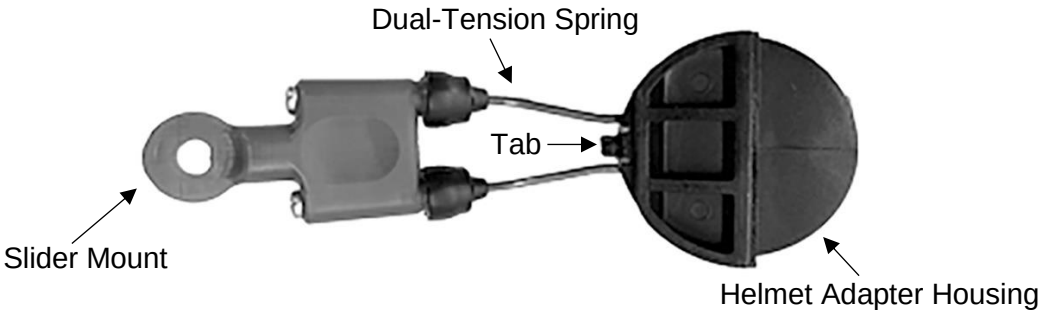

Figure 4

- Using the provided hardware, secure the Slider Mount to the headset ear dome with the washers and nut in the order as shown below (see Figure 5).

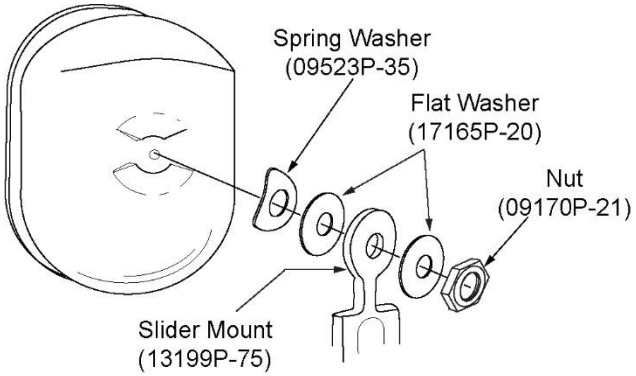

Figure 5

Installation of Rail Adapters to Helmet Rails:

Slide the Adapter Housing into the bottom dovetail slot of the helmet accessory rail (vertical section), ensuring full and proper insertion, with the locking tab facing toward the front of the helmet (see Figure 3). Engage the locking tab into one of the accessory rail slots. Make sure the overhead cord is routed in-between the adapter spring and the users head. Plan cord routing to avoid/minimize obstructions (e.g., snag hazards, allowances for dome rotation, etc.) then apply hook and loop patches to fasten the overhead cord to the helmet as desired (see Figure 6).

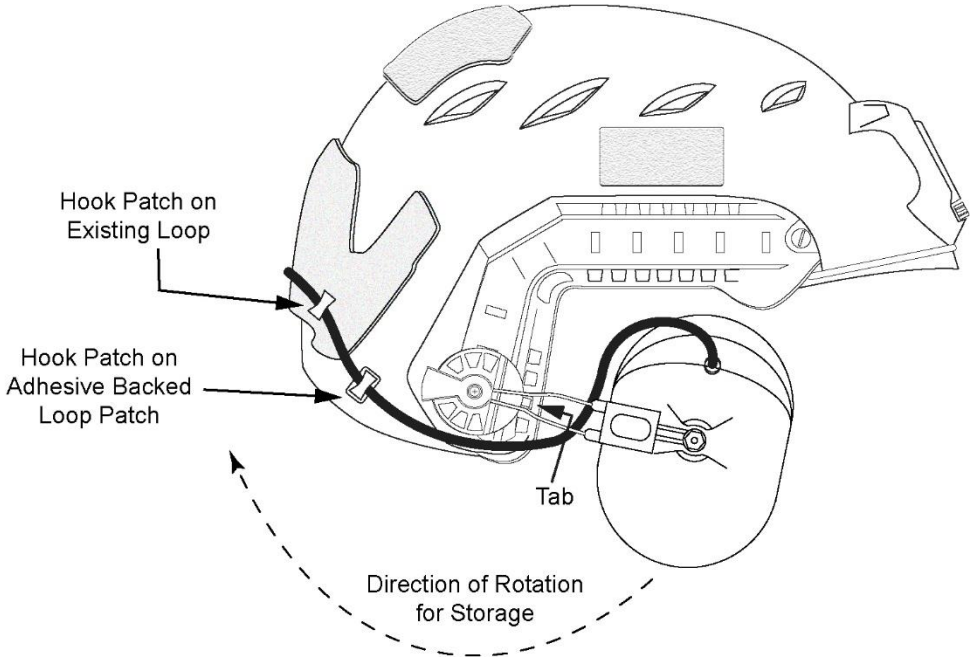

Figure 6

Donning Instructions:

Orient each dome over user's ears to the desired position through slight rotation of each ear dome, as well as adjustment of the Slider Mount back/forth over the Dual-Tension Spring, until optimally positioned over the ear.

- For use, press inward at the bend of the Dual-Tension Springs until each side "clicks" into the engaged position.
- For relief, grab each ear cup and pull outward until each side "clicks" into the disengaged position.
- Ear domes may also be rotated towards the rear of the helmet shell, away from the ears, when not in use. (see Figure 6)

Use and Care Instructions:

When not in use, helmet should be stored with headset in the engaged position, with ear domes over the ear position (not over the helmet outer shell.)

Inspect for debris and/or salt build-up, brush away with a nylon/synthetic bristled utility brush. Clean regularly with mild soap and water, using a clean cloth.

Regular use of appropriate corrosion inhibitors in marine environments is encouraged after thorough cleaning. *Consult Series 9100 Component Maintenance Manual, doc. #19602P-99, for more details.*
https://www.davidclarkcompany.com/files/literature/19602p99.pdf