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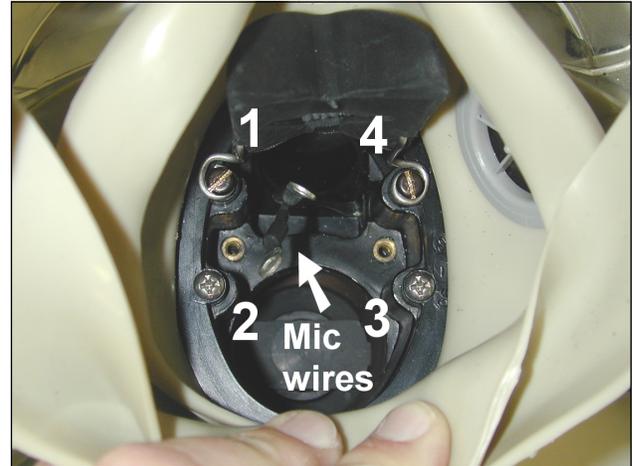
# EMA-MK24 Installation Instructions

Follow these instructions to install your EMA-MK24 or EMA-MK24-SM earphone-microphone assembly into a MK-24 full-face mask. Installation of the EMA-MK24-SM (with a Super Mic<sup>®</sup>) is depicted, but the process is similar for the Hot-Mic<sup>®</sup> version (the EMA-MK24). If you need further clarification, do not hesitate to contact us (see the bottom of page 2).

*Equipment required:* Pliers; screwdriver (flatblade or Phillips, depending on the screws fastened inside the oral-nasal cavity); scissors or sharp knife.



**1. Microphone installation:** Using a pair of pliers, loosen the port plug on the right side of the rebreather adapter. Unscrew and remove the plug. Insert the microphone power cable into the opening as illustrated, and twist it closed with moderate tightness.



**2.** Inside the oral-nasal cavity, route both of the power cable wires out toward the opening as illustrated. Remove the two screws on the left side (nos. 1 and 2 in the illustration), and set them aside.



**3.** Route Screw #2 (see Step 2 illustration) through the ring lugs of the microphone's nickel-wire form, one of the power cable wires, and one of the mic's electrical wires. With the mic oriented toward the side, fasten the screw to the #2 position with moderate tightness.



**4.** Route Screw #1 (see Step 2 illustration) through the ring lugs of the microphone's other electrical wire and the other power cable wire. Fasten the screw to the #1 position with moderate tightness.



5. Make adjustments to the bending of the nickel-wire form as necessary to position the microphone as illustrated above so that it will be close to the corner of the diver's mouth. Route the wires behind the equalizing block, so they are out of the way. *The microphone installation is now complete.*



6. **Earphone installation:** Remove the upper and lower mask straps from their buckles on the left side of the mask. Find the left-side earphone holder (the one whose cable is on the left when the PTT button faces away from the diver). Feed the left mask straps through the left earphone holder such that the arrow on the OTS logo faces downward and the cable exits the holder in the forward direction. Repeat this step for the right-side earphone.



7. On both sides of the mask, secure the earphone cables to the buckles using a supplied 4-inch cable tie, as shown. Do not close the tie tightly; there should be sufficient space for the cable to move freely along the buckle. With scissors or a sharp knife, cut off the excess cable tie.



*Completed installation of the EMA-MK24*



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