



# Kirby Morgan Dive Systems, Inc.®

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## Part #315-017

# Replacement Microphone for EXO Full Face Mask

There are 2 types of communications set available for the EXO 26 original. Communication module with 4 pin waterproof connector (4 wire communication) and communication module with 2 binding posts (2 wire communication).

### Microphone replacement, Waterproof 4 pin connector.

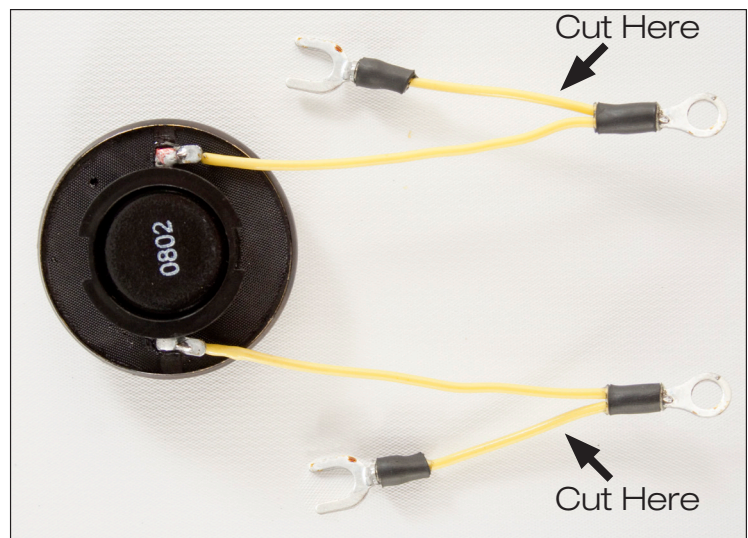
Completely remove the communication set from the mask. Make note or mark the position of the rubber sound cup that surrounds the microphone. Upon re-assembly, it is important this cup is in the proper position to obtain the best possible voice quality and help reduce background noise and possible feedback. Remove the cup and pull the microphone out of the module. To remove the microphone, remove the plastic coating from the screws holding the microphone into the module and remove the screws and washers. As shown in Figure 1, cut and remove the extra wires. **ONLY CUT THESE WIRES FOR UNITS WITH WATERPROOF CONNECTORS.** Install the new microphone with the screws and washers as they were originally, and cover the exposed areas with a thin coating of RTV silicone to help prevent corrosion. Reinstall the sound cup after placing the microphone.

*Note: It may be helpful to place 1 wrap of electrical tape where the cup and the plastic module meet to better retain the sound cup.*

### Microphone replacement, Binding posts.

Completely remove the communication set from the mask. Make note or mark the position of the rubber sound cup that surrounds the microphone. Upon re-assembly, it is important this cup is in the proper position to obtain the best possible voice quality and help reduce background noise and possible feedback. Remove the cup and pull the microphone out of the module. To remove the microphone, remove the plastic coating from the screws holding the microphone into the module and from the nuts holding the terminals to the binding posts, and remove the screws, nuts and washers. *Note: by unscrewing the binding posts plastic nut, it will expose a side hole in the metal main shaft to allow using a small drill or pin to prevent the post from turning when removing/replacing the nut.* Install the new microphone with the screws and washers as they were originally, and cover the exposed areas with a thin coating of RTV silicone to help prevent corrosion. Reinstall the sound cup after placing the microphone

*Note: It may be helpful to place 1 wrap of electrical tape where the cup and the plastic module meet to better retain the sound cup.*



**Figure 1**