



Kirby Morgan Dive Systems, Inc.®

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Part #815-060 SuperMask®/MOD-1 Communications Assembly

PART #	DESCRIPTION	QTY
815-060	SuperMask®/MOD-1 Communications Assembly	1

Tools Required:

- Scissors
- Tie Wrap Gun or Diagonal Cutters

POD should be removed from Mask when installing or removing communication assembly. Mask strap DOES NOT need to be removed for installation or removal of communications assembly.

Procedures for installing assembly into mask is the same for both the right and left communications ports.



1) Using a sharp pair of scissors cut off the end of one of the communications ports, located below the bottom edge of the mask frame.



2) Push the microphone into the port. (The microphone will appear to be too large, but the seal easily stretches.)

Ensure the main body is fully inserted into the communications ports with the leading edge of the cut port resting on the upraised edge on the main body of the communications assembly.

Confirm solid black side of the microphone is facing towards diver's mouth



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3) Use the included tie wrap P/N 520-038 to secure the communications assembly to the mask. Position the end or termination of the tie wrap so it won't be touching the diver's face.



If the mask strap is installed, ensure the earphone wires are routed on the inside of the strap **NOT THE OUTSIDE.**



4) Bend the lens body away from the jaw frame and route the longer earphone wire across the front of the mask. Ensure the wire is pushed down into the gap found between these two parts of the mask. When the mask is released the wire should fit snugly into the groove.



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5) Insert the earphone into the earphone pocket, gray shiny side facing diver's ear



Operating considerations

Microphone

The microphone is supplied with a “flexible contacts protective band”. The band prevents interaction of the mouth with the connectors.

The dynamic microphone is encapsulated and protected by a hydrophobic membrane. The microphone is waterproof and is designed to handle operating under pressure. If the POD is removed underwater the microphone WILL NOT suffer any damage. However, continuing to descend WITHOUT the POD sealed to the mask of a distance greater than 33 fsw/10m may damage the microphone.

Ascending at a rate greater than 33 FSW/10m with an exposed microphone (POD not on the mask) can also cause damage to the microphone. An ascent rate of 33 FSW/10m or slower will allow the expanding gas to vent properly through the membrane, causing no damage to the microphone element.

Earphones

It is designed to work underwater so the best quality is achieved when the unit is submerged.

Post Dive

The communicator and microphone should be rinsed with fresh water (immersed, not a strong “flow of water”) after each dive and should be placed in a well-ventilated area that is not exposed to direct sunlight to dry. D-Mic does not have a polarity restriction when assembled on the PTT contacts. Be careful to unscrew the two screws before removing it. Clean the contacts and lubricate them on a timely base.



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