

# HOW TO REPLACE THE SPECTRUM FFM LENS

## SAFETY DISCLAIMER

This document provides instructions for replacing the lens of a Spectrum Full Face Mask. Please read this document in its entirety prior to attempting to replace a lens. If you do not feel that you are capable of properly replacing the lens, contact Ocean Technology Systems to have your lens replaced by a technician.

## DISASSEMBLY

1. Use a #2 Phillips screw driver to remove screw, washer, and nut located on each side of the lens (Fig. 1). Note: The nut may fall out of the bottom once unthreaded from the screw.
2. Remove upper and lower frame prior to removing lens from the skirt (Fig. 2)

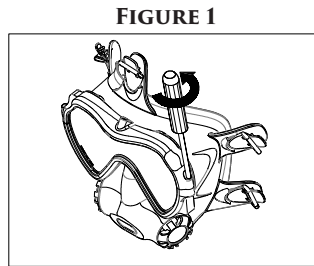


FIGURE 1

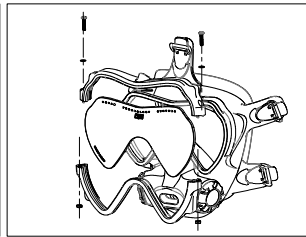


FIGURE 2

## INSPECTION

1. Inspect the skirt for any cuts or damage (Fig. 3). Pinch marks on outer surface of skirt where upper and lower frames meet is acceptable. Replace skirt if damaged.
2. Remove any debris from the lens area of the skirt.

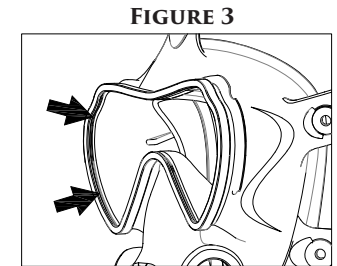


FIGURE 3

## INSTALLATION

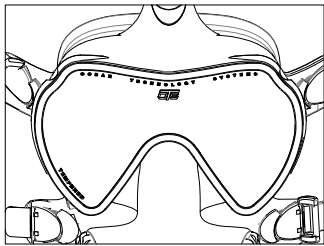


FIGURE 4

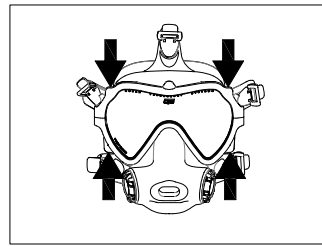


FIGURE 5

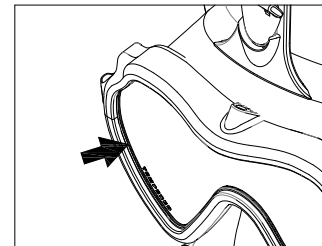


FIGURE 6

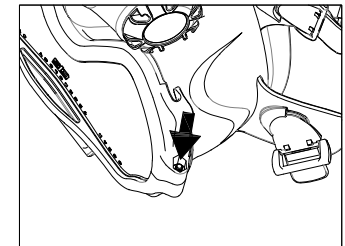


FIGURE 7

1. With protective covers intact, install lens in the groove of the skirt, orienting the OTS logo so it reads left to right when looking at the front of the mask. Ensure the entire perimeter of the lens is seated in the skirt's groove (Fig. 4).

2. Install the lower and upper frames over the lens and skirt. Squeeze the upper and lower frames together as shown (Fig. 5).

3. Inspect and verify that the skirt is between the lens and the frames along the entire perimeter of the lens (Fig. 6).

4. Turn the mask upside down and place a nut in one of the nut-shaped holes on the side of the lens (Fig. 7). Note: Nut will fall out of hole if mask is not upside down.

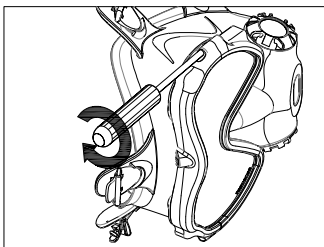


FIGURE 8

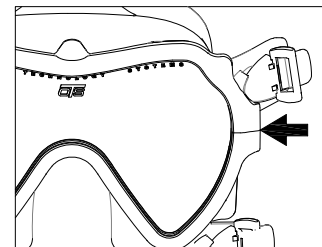
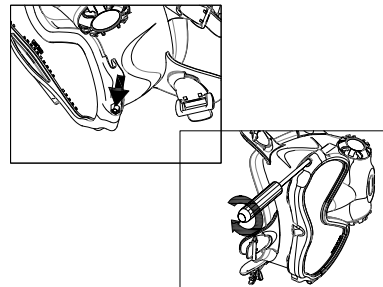


FIGURE 9

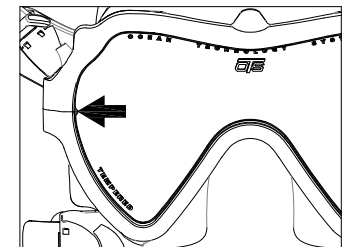


FIGURE 10

5. Use a #2 Phillips screw driver to thread a screw with washer installed to the nut. You may have to squeeze the upper and lower frames together to allow the screw to reach the nut. Do not fully tighten screw (Fig. 8).

6. Repeat steps 4 and 5 to install the screw, washer, and nut on the other side of the lens.

7. Tighten screws until the upper and lower frames meet (Fig. 9).

8. Inspect and verify that the skirt is between the lens and the frames along the entire perimeter of the lens. It is normal for the skirt near the unions of the upper and lower frames to bulge inward (Fig. 10).

## SAFETY DISCLAIMER

ALWAYS inspect your diving equipment to ensure it is not damaged or defective and that it is fully functional. DO NOT dive the Spectrum FFM or any other equipment if you have not verified that it is in good condition and working properly! If this equipment has been damaged, tampered with, or found to be defective, return it to OTS or replace components immediately.

Note: This instruction sheet and the information contained herein are provided for use as an installation guide only. Please refer to your User's Manual before using this or any OTS product. No license or rights to manufacture, reproduce and/or sell either the instruction sheet or the articles described herein are given.



**OCEAN TECHNOLOGY SYSTEMS**

3133 W. Harvard Street - Santa Ana - California - 92704 - USA  
Toll-Free: (800) 550-1984 - Telephone: (714) 754-7848 - Fax: (714) 966-1639  
Email: ots@otscomm.com - Web: www.otscomm.com

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