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## INSTRUCTIONS FOR EXTENSION RING PRODUCT #18464 & 18465

# AQUATICA

## Digital

Thank you for having selected an Aquatica Camera Housing System. Should you ever have any questions or comments concerning this product please contact your local dealer or contact us at (514) 737-9481 or at [info@aquatica.ca](mailto:info@aquatica.ca).



The extension you have is designed to work with either the Canon EF 16-35mm f/2.8L (#18464) or with the Canon EF 17-40mm f/4L (#18465). On the side of the port is a retractable knob that is designed to work with the focusing gear supplied with this extension ring.

This Extension Ring fits between the housing body and the port to not only provide the extra space needed for the longer lenses, but for optical reason as well, when the supplied focus gear is mounted on the lens, manual focus override become possible with the knob situated on the side of the port, zooming is done by using installing the optional zoom gear for your lens and rotating the knob located on the left hand side of the housing



PULL AND ROTATE CLOCKWISE THE RELEASE DISK TO DISENGAGE THE FOCUS KNOB PINION GEAR OF THE EXTENSION.

Before mounting the extension on the Housing always ensures that:

- The port O-ring is clean, lubricated and properly seated in its gland.
- The sealing surface on the Housing is clean and free of physical damage.

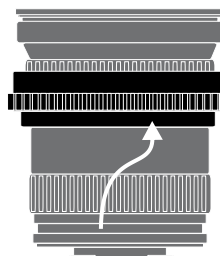
The Aquatica Housing System features a bayonet mount with four possible mounting positions that will allow you to locate the control knob at the 3, 6, 9 and 12 o'clock positions. Place the extension inside the front opening of the housing, push the it until the bayonet is completely inside the housing; finally turn the extension clockwise approx. 60 degrees and if your housing is equipped with one, press the locking button of the housing to allow the extension to rotate until the bayonet is stopped, release the port lock button. Check to ensure proper seating and sealing.

NOTE: If there is too much resistance, take the extension off, check O-ring and retry. It is recommended that you familiarize yourself with this mount by trying without the camera thus allowing you an inside view of the bayonet mount.

### To mount the focus gear:

The focus gear is designed to be installed prior to the optional zoom gear, start by inserting from the back, as you reach the focus ring of the lens, you will find it easier to install if you rotate and push the gear at the same time (as seen in illustration on the right), the gear is equipped with a stopper that will prevent it from going too far.

Install the optional zoom gear on the lens, pull out the retractable knob of the extension as mentioned earlier and then mount the zoom lens on the camera, you are now ready to mount the dome port in place.



A lockable collar (# 18469) is available to secure the extension to the port, this easily mount on the extension ring and will secure the whole port/extension assembly.

### # 18469



### Extension to port locking collar. (Shown mounted on extension ring)



### TO SERVICE O-RINGS ON THE EXTENSION RING

1. Removing the O-ring. It is important never to use a sharp instrument when removing an O-ring as this may damage the O-ring groove or the O-ring itself. A dull pointed object or the edge of a credit card usually works well.
2. Once the O-ring is removed, it should be examined for damage. Check that it is free of nicks and cuts and that it retains its original round profile. O-rings that appear to be damaged should be discarded immediately and replaced with new ones.
3. Rinse the O-ring with fresh water and dry it with a clean lint free cloth.
4. Clean the O-ring groove (where the O-ring sits) with a cotton swab. Be sure to remove any lint the cotton swab may leave behind. Inspect the groove for damage.
5. Wipe the part of the housing that the O-ring seals against with a clean lint-free cloth.
6. Re-grease the O-ring with a thin layer of Aquatica O-ring lubricant until it appears to be smooth and shiny. Do not over grease it. Use just enough grease so the O-ring will pull smoothly through your fingers. Excessive amounts of grease will only serve to attract dirt to the o-ring.
7. Make sure that the O-ring is properly and evenly seated in the O-ring groove.
8. Reinstall the clean and lubricated main O-ring,

**WARNING: Use only petroleum free O-ring lubricant such as our # 19213 Aquatica O-ring Lubricant, petroleum based lubricant used by some other manufacturer for their Silicone made O-rings can and will swell the material of our O-ring, this will make the O-ring more difficult to install and can result in the O-ring being damaged or pinched with dire consequence.**

Internal O-rings on the focus knob control are not user accessible, while these O-rings are not as susceptible to damage as they are not exposed, rinsing properly with fresh water to flush out salt crystals and sand residues will the proper way to assure trouble free operation, it is recommended by the manufacturer to have the equipment service yearly maintenance if used intensively. Aquatica has authorized service center in both the continental USA and Europe, prior to sending any products always check for your closest service center on our website [www.aquatica.ca](http://www.aquatica.ca).

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