

INSTRUCTION MANUAL

Nauticam Macro Port and Zoom Gear Set for Olympus 12-50mm EZ

PN# 36167

FORWARD

Thank you for your purchase of a NAUTICAM product.

At NAUTICAM, we pride ourselves in the ability to recognize the requirements of professional as well as amateur underwater photographers and fulfill them through the innovative designs of our products. We strive to achieve a high level of user-friendliness by allowing stress-free installation and easy operation of all important functions of the camera.

Each product is individually inspected and water pressure tested to ensure optimum quality.

Please read this manual carefully before using the product, this will maximize its performance as well as its lifetime.

PRECAUTIONS

- After installation of the port combo, please make sure the O-ring (s) are free from debris and uneven surface issues.
- A water-tight/vacuum test without the camera inside the housing is highly recommended after the changing of port and O-ring(s).
- Do not use lubricants from other brands with the silicone rubber O-ring on this housing, only use the lubricant provided by NAUTICAM.
- Discontinue use immediately should you notice any leakage.
- Do not open the product in a wet or sandy environment. Protect the interior from moisture and debris in order to prevent malfunction or leakage.
- Defective products should be shipped to our distributors for service, unauthorized disassembling and/or modifications could result in malfunction or leakage.
- When travelling by air, do not travel with any port installed as this may lead to a pressure difference between the atmosphere and inside the housing.

All NAUTICAM Products are warranted against any material and manufacturing defects for two years from the date of purchase for consumer use. This warranty only applies to products purchased from authorized NAUTICAM dealers and does not extend beyond the original retail purchaser.

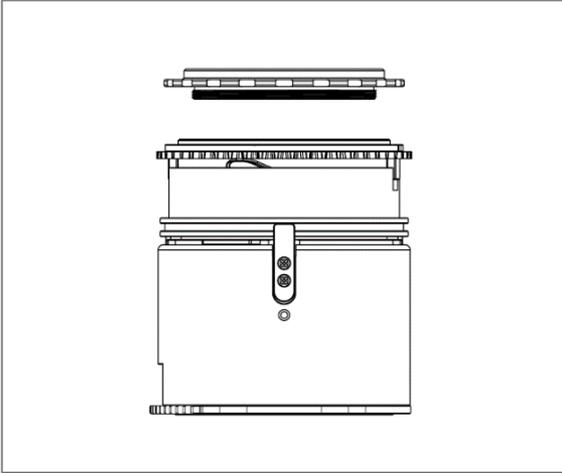
To return your product for service, please contact your regional authorized service center(s). Please note that this warranty only applies when the product is purchased in the territory where the service center is located.

NAUTICAM does not hold responsibility for damage, of any nature, to any equipment used with and/or placed within our products. NAUTICAM accepts no liability for any loss of captured images or the inability to capture images even if it is due to the malfunctioning of our products.

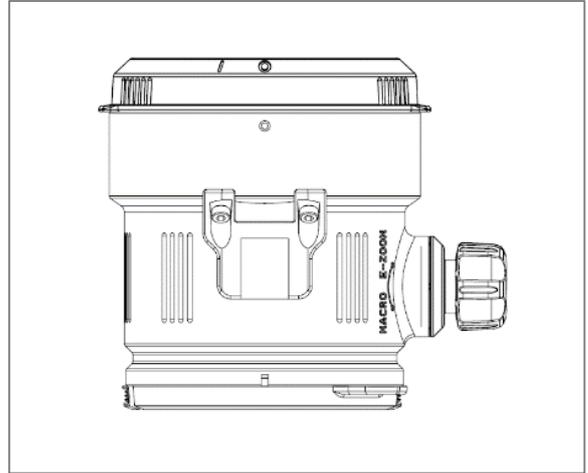
Unauthorized modifications and/or repairs of our products will automatically invalidate the warranty.

PACKAGE CONTENTS

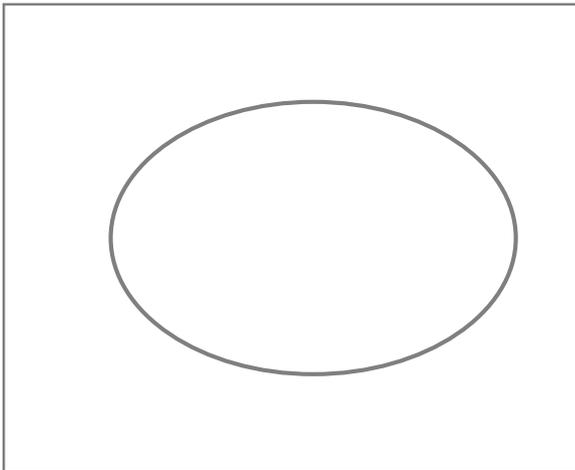
- Make sure that you have all the included items listed below before using this product.
- If some items are missing or damaged, please reach out to us or the local Nauticam dealer.



Zoom Gear Set



Macro Port



Spare O-ring



Cross Screwdriver

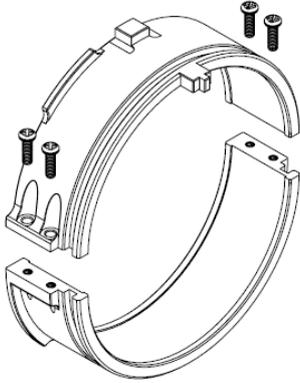


Manual Notice Card

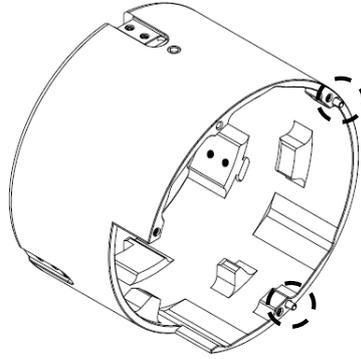


Lubricant

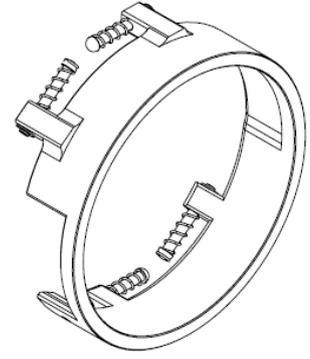
IDENTIFICATION OF ZOOM GEAR PARTS



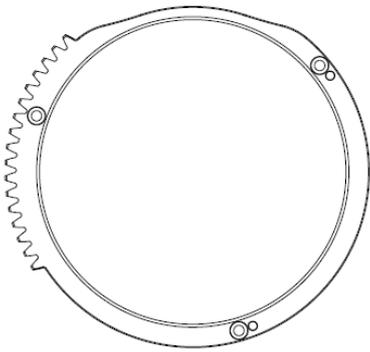
Two half-rings - Zoom Gear



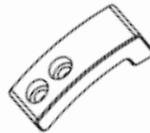
Zoom gear tube - Zoom Gear



Spring ring - Zoom Gear



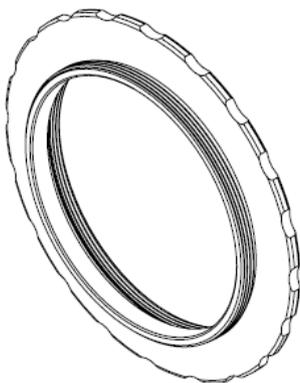
Zoom gear ring - Zoom Gear



Macro Switch Block - Zoom Gear



Macro switch gear



Locking ring - Macro switch Gear

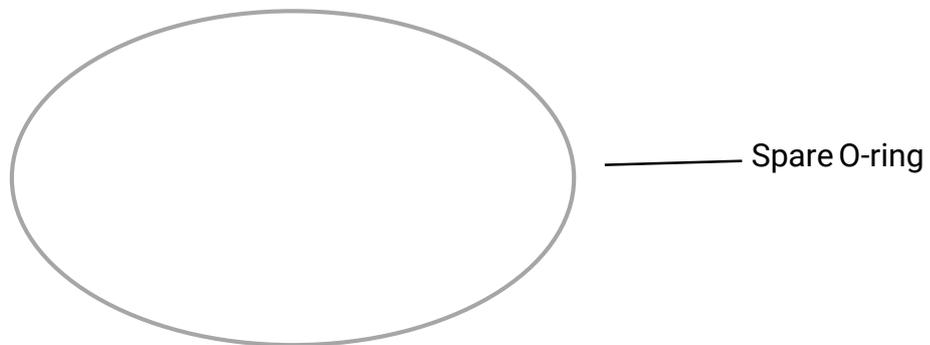
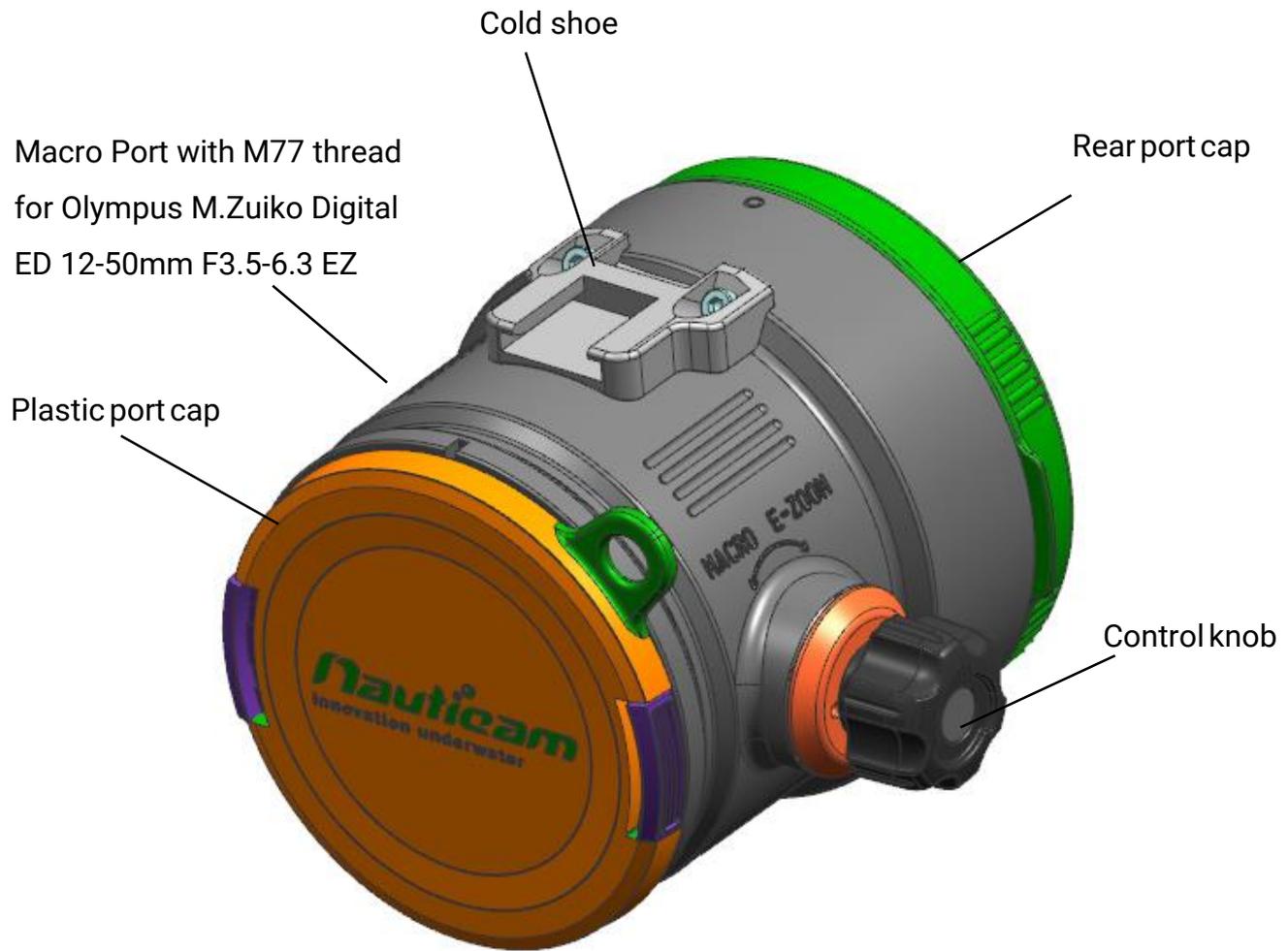


Positioning Block x3
- Macro Switch Gear

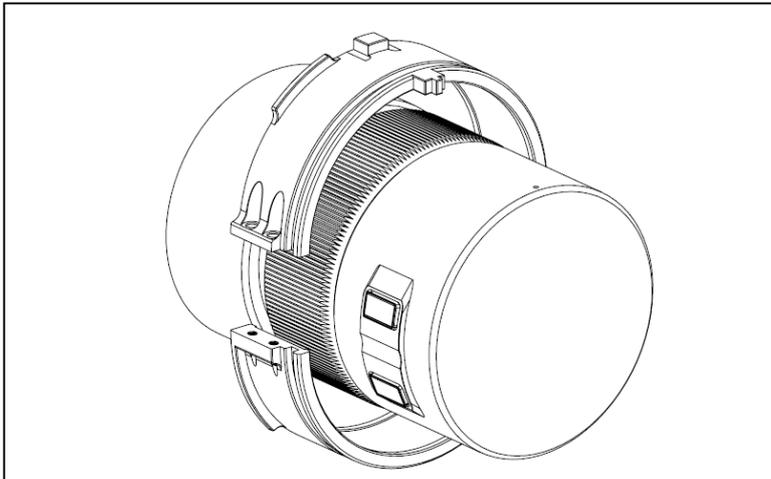


Screw x11

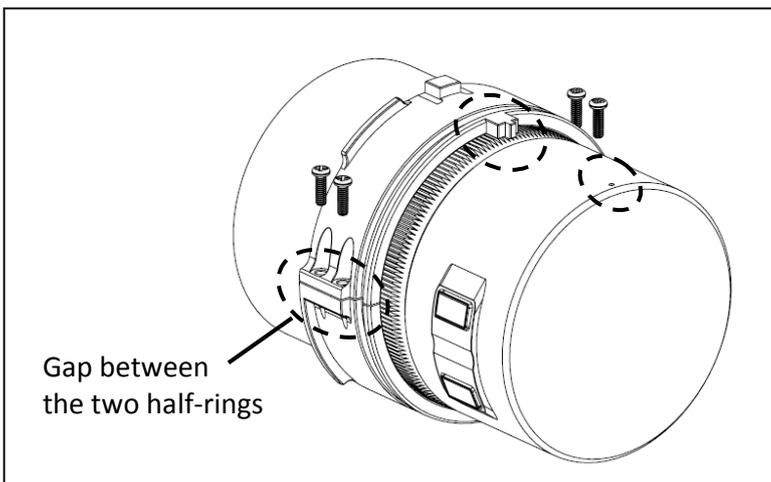
IDENTIFICATION OF PORT PARTS



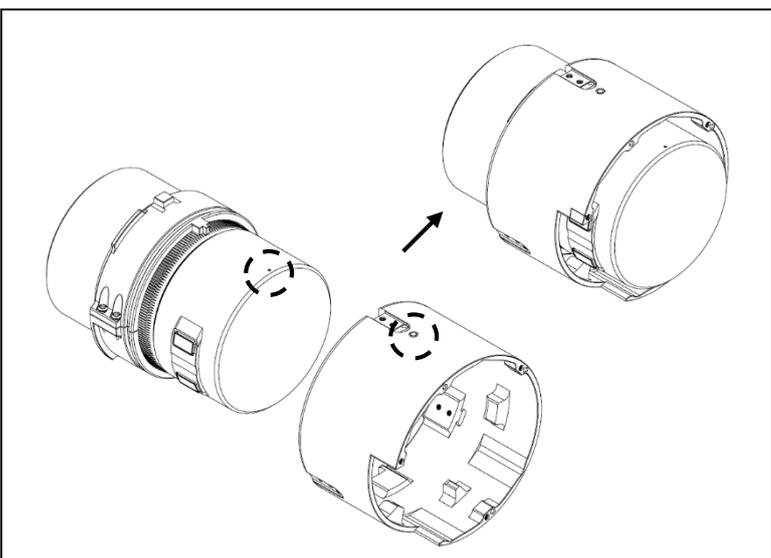
MOUNT GEARS ON LENS



1. Mount the two half-rings on the lens zoom ring as indicated in the diagram.

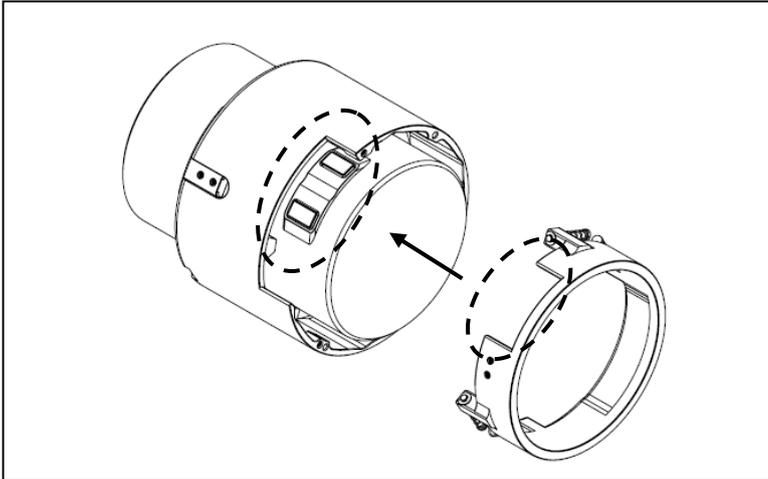


2. Align the alignment index on the ring with the dot on the lens before tightening the four screws. While tightening the screws, make sure that the gaps on both sides are even and the ring does not slip when turning at E-ZOOM mode.



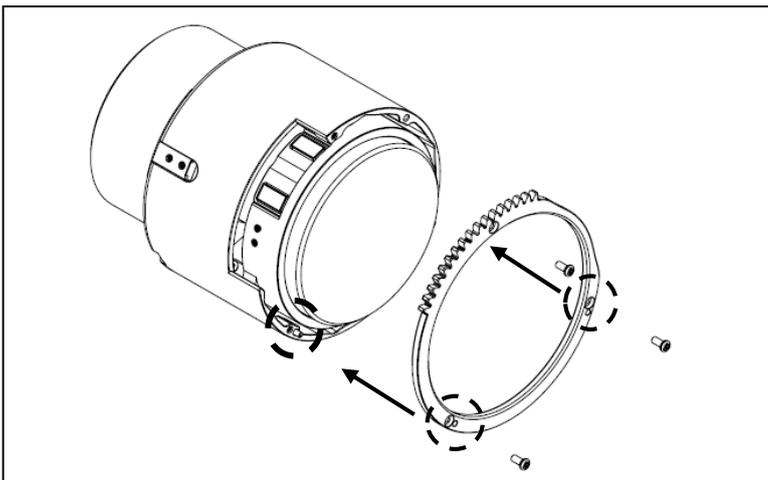
3. Align the alignment index on zoom gear tube with the red dot on the lens and insert the tube onto the lens.

MOUNT GEARS ON LENS

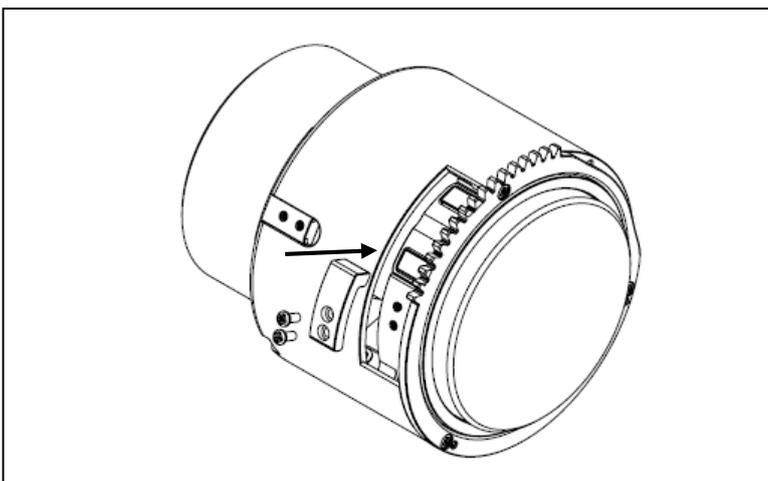


4. Align the spring ring with the lens as indicated in the diagram. Then lightly push the ring towards the lens until it cannot go any further.

Tip: To remove, pull out from the cover.

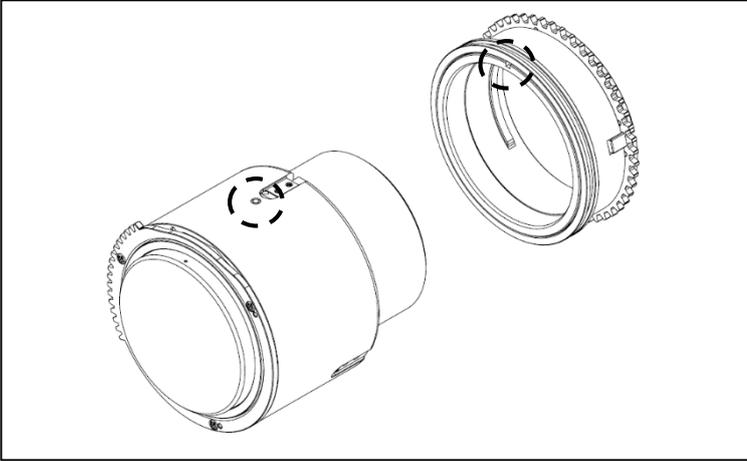


5. Align the pins on the tube with the holes in the gear ring as indicated in the diagram. Then tighten the three screws.

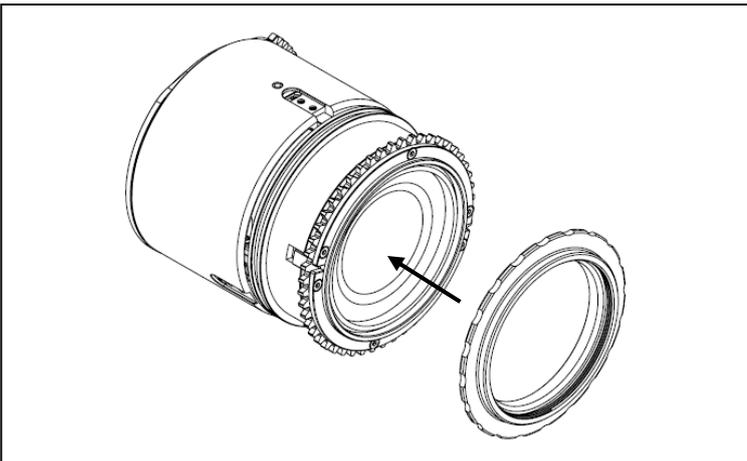


6. Align and tighten the screws with the Macro switch block pressing on the lens MACRO button.

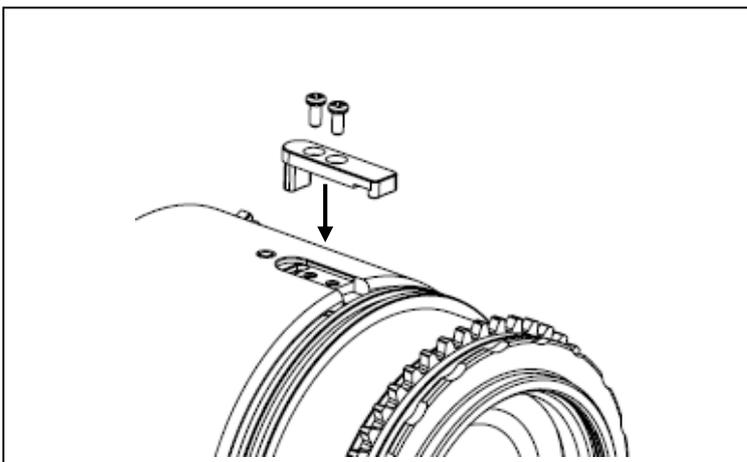
MOUNT GEARS ON LENS



7. Align the inner groove of the macro switch gear with the white dot on the zoom gear tube. Then lightly push the gear towards the lens until it cannot go any further.



8. Tighten the macro switch gear by screwing the locking ring into the thread on the front of the lens.

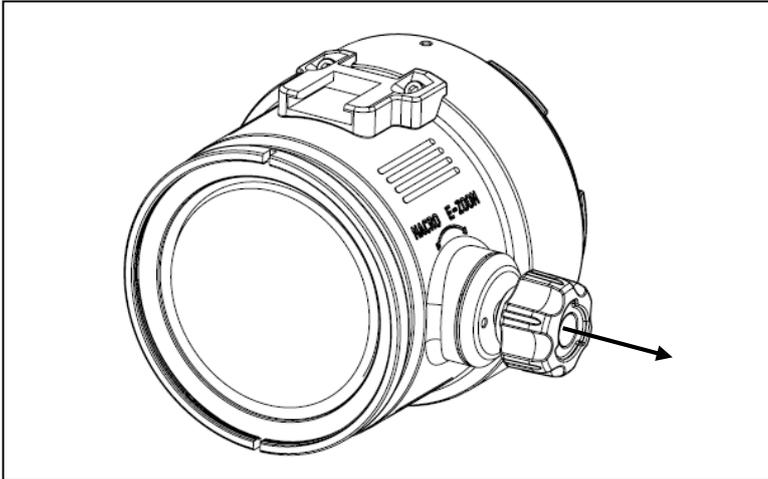


9. Align the positioning block onto the two gears. With the longer ends inserted into the hole of the zoom gear and the shorter ends sat into the groove of the macro switch gear. Then tighten the two screws. Repeat this with the other two blocks and check if the lens can be switched between macro mode and normal mode by turning the macro switch gear. Repeat the above procedure if fail to switch.

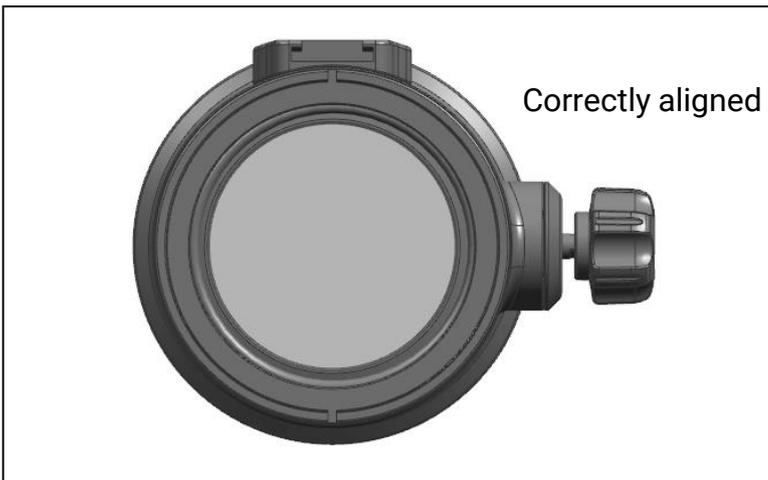
****When mounting the Olympus 12-50mm EZ lens with the gear on the GH5/EM1X camera, or when removing them, the lens must be set to the "Macro" position.***

10. To un-mount, reverse the above steps.

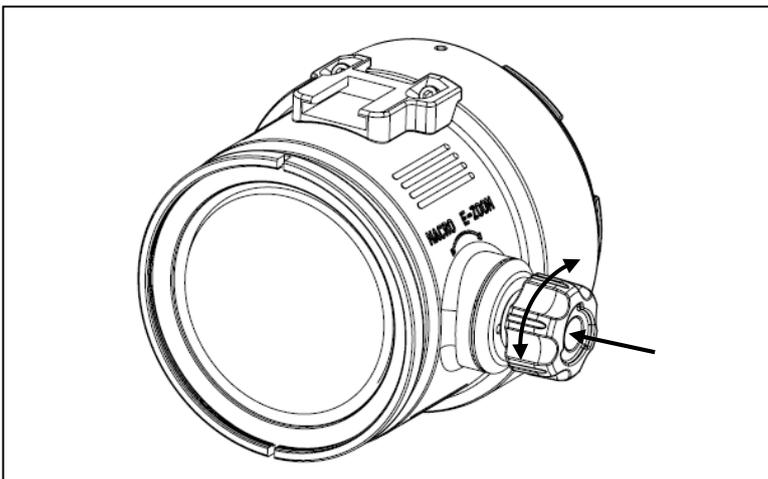
INSTALL PORT TO HOUSING



1. Make sure the control knob is at its most outwards position before mounting/ un-mounting the port. The knob should be left at this position until making sure that the lens and zoom gear is properly installed.



2. When properly installed, the lens should be perfectly concentric with the port. If there is a slight misalignment, check the position of the camera.



3. Engage the gear by pushing in the knob, then turn the knob for about 45° both ways to check if the camera switch between normal mode and Macro mode.

Unlock, reverse the above procedures.

SPECIFICATIONS

#36167 Macro Port and Zoom Gear Set for Olympus 12-50mm EZ

Dimensions: Gear part: DIA102mm × 29.5mm
Port part : DIA102mm × 49.2mm

Port Mount: N85

Depth rating: 100m

Remark:

Nauticam supports only e-manuals. Please download corresponding product manuals on google drive <https://bit.ly/Nauticammanual>, or contact us for e-manuals.

CARE AND MAINTENANCE

- Soak the housing system in fresh water after each use, during which all control buttons/knobs should be operated a few times to avoid the accumulation of salt residue; wipe the housing with a towel before opening.
- After removing the housing from the rinse tank, carefully press the housing lock safety button for a few times to avoid the accumulation of salt residue.
- After each day of diving, it is advisable to have both the housing main O-ring and port O-ring removed from its groove with the O-ring remover and inspected for damage. Also check that the O-ring retains its original circular shape; never stretch the O-ring excessively or remove it with a sharp object. The O-ring groove should be cleaned to ensure it is free from any salt deposit or foreign material; lightly coat the O-ring with the provided lubricant before reinstalling it in the groove. A damaged O-ring should be discarded immediately and replaced only with one that is provided by NAUTICAM.

Please refer to "Nauticam Product Care and Maintenance Guide" for more details.