



5516.80 Mirrorless Adapter for 8-inch Dome **Instruction Manual**

Thank you for your purchase of Ikelite equipment. Please read this instruction manual completely before attempting to operate or dive with this product. Please refer to the back page of this manual to register your Ikelite product.

What's in the Box

- Mirrorless Adapter
- Spare securing screws
- Silicone Lubricant 1cc Tube

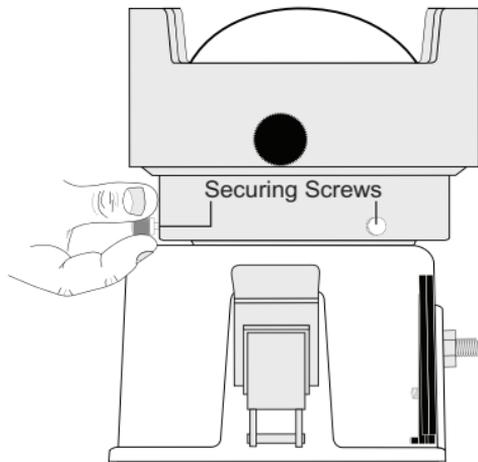
Removing Attached Port

No tools are needed to remove an existing Port and attach the optional Mirrorless Adapter to your housing, **Diagram A, below**.

1. Three Securing Screws secure the Port on the Base. Turn each Securing Screw counterclockwise so at least 3 to 4 threads are showing.
2. Gently lift the existing Port off the Port Base, **Diagram B, Page 3**. If the Port seems stuck, loosen the Securing Screws another turn or two until the Port can be removed.
3. REMOVE the gear sleeve, as it cannot be used with the Lens Extension.

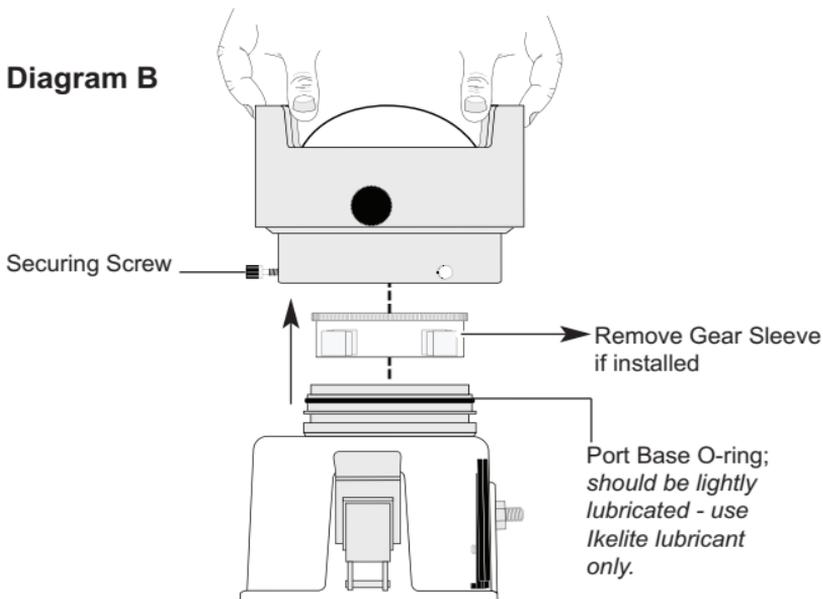
Caution:  DO NOT leave the Port off the Port Base for extended periods of time. This can result in debris being attracted to the Port Base O-ring, **Diagram B, Page 3**, resulting in a bad seal.

Diagram A



Removing Attached Port - continued

Diagram B

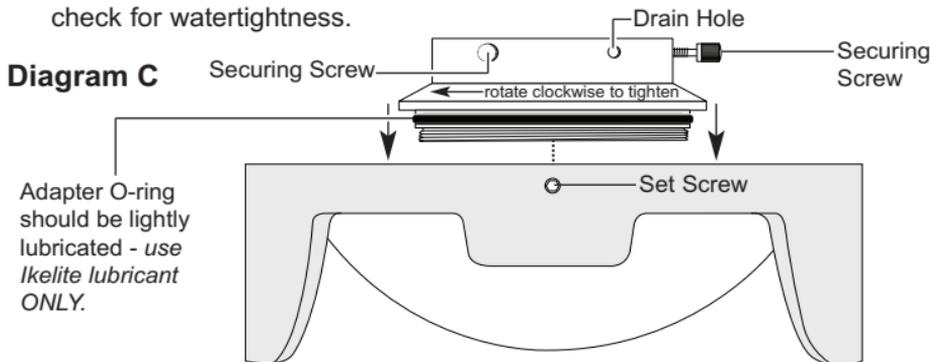


Installing the Adapter and 8-inch Dome

1. First, check to see that there is a thin film of lubricant on the Port Base and Adapter O-rings. Each O-ring should appear slick. If necessary, relubricate with the supplied Ikelite lubricant. Do not use excessive lubricant which can attract hair or other debris. Use **ONLY** Ikelite lubricant.
 2. Make sure the Port Base and Adapter O-rings are free of hair or other debris.
 3. Lift and **REMOVE** the gear sleeve from inside the Port Base if applicable. Place the Gear Sleeve in storage for later use.
- * The gear sleeve must be removed **BEFORE** using the Adapter.

Installing the Adapter and 8-inch Dome - continued

- Remove any lens extension that is attached to the 8-inch dome and attach the Adapter by rotating clockwise into the 8-inch dome Base Plate until firmly snug, **Diagram C, below**. Do not overtighten, or the Adapter will be hard to remove. Once Adapter is tight, flip 8-inch Dome over. Turn Adapter Securing Screws counterclockwise so at least 4 or more threads are showing. This will allow the Adapter to slide over the Port Base.
- Slide the Adapter over the Port Base until it **STOPS**, **Diagram E, page 5**. When properly installed, there should only be an approximate 5/32" or less gap between the bottom of the Adapter and the front of the housing, **Diagram F, page 6**. Rotate the Adapter until one of the Securing Screws is at the 12 o'clock position facing the top of the housing.
- Snugly tighten the three Securing Screws into the Adapter. **DO NOT** overtighten. No Securing Screw threads will be visible once the Adapter is properly secured. The Adapter can still be rotated on the Port Base once the Securing Screws are tightened; this is normal.
- If necessary, reorient and replace the Shade so the two large protruding sections are facing the 6 and 12 o'clock positions. This will reduce or eliminate potential vignetting. Loosen the 4 Set Screws in the Dome shade to lift and remove. Retighten the Set Screws once the Shade is reattached and reoriented.
- Immerse the housing in a pool or bathtub without a camera installed to check for watertightness.



Installing the Adapter and 8-inch Dome - continued

Adapter properly installed. Flange should be flush against Base Plate.

Diagram D

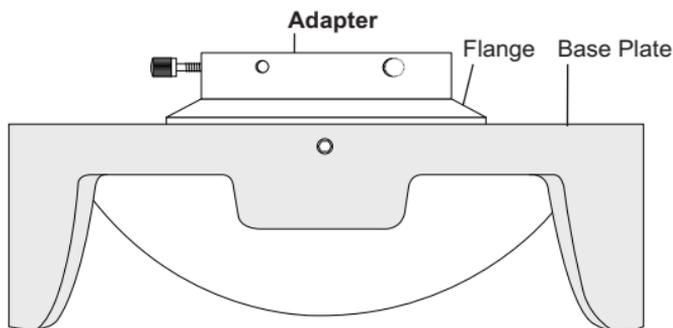
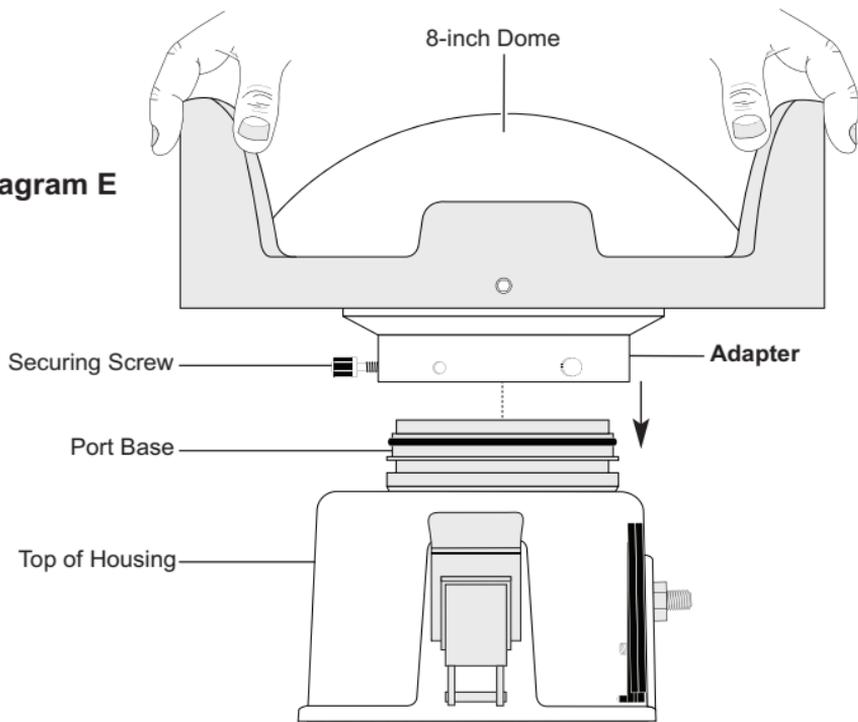
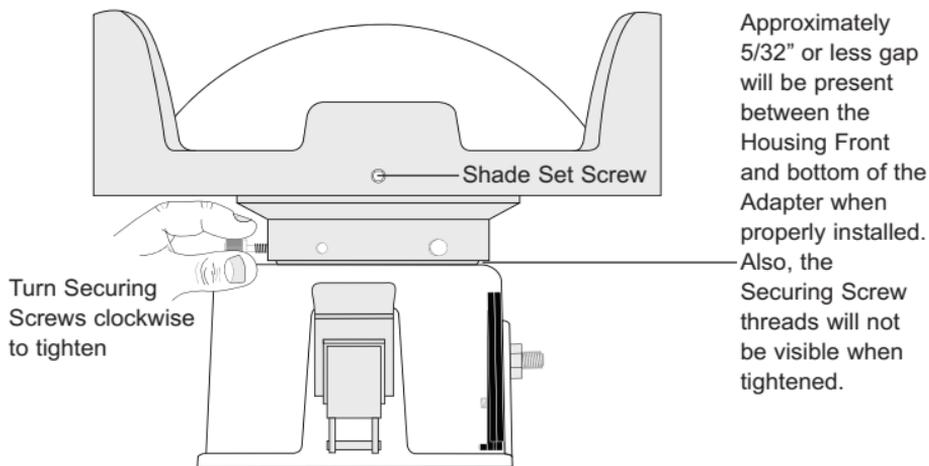


Diagram E



Installing the Lens Extension and Port - continued

Diagram F



Spare Parts

Can be ordered through any Ikelite dealer or by calling Ikelite customer service

- 0184.2 Silicone lubricant 2cc resealable tube
- 0203.89 Securing screw

Customer Support

**Ikelite Underwater Systems
Service Department
50 West 33rd St.
Indianapolis, IN 46208 USA**

Email: ikelite@ikelite.com

Phone: 317-923-4523

Limited Warranty

This Ikelite product is warranted against any manufacturing defects for a period of one (1) year from the original date of purchase. Defective products should be returned to Ikelite postage paid. Ikelite will, at its sole discretion, repair or replace such products, and will return to customer postage paid. All other claims of any nature are not covered. Except as mentioned above, no other warranty expressed or implied applies to this Ikelite product.

Returning Products For Service

Ikelite is most interested in performing any service to ensure that all products perform as intended. Evidence of purchase date must be provided to obtain warranty service.

No prior authorization is required. You may return directly to us or through your dealer. Please include a brief description of the problem, any relevant email correspondence, and/or instructions on what you want us to do. Always include name, shipping address, email address, and phone number inside of the package. Send postage paid to:

Ikelite Underwater Systems
Attention: Service Department
50 West 33 Street
Indianapolis, IN 46208 USA

No reimbursements for postage paid will be issued.
You may also want to insure the package.

Returning Products for Service - outside the United States

For the separate international customs documentation form that you complete to accompany the shipment, please state or designate that the enclosed products were originally manufactured in the USA and are being returned to the manufacturer for repair service. Value of the equipment listed for customs purposes should be zero.

Product Registration

Please go to **ikelite.com** to register your Ikelite housing within 15 days of purchase.



**Ikelite Underwater Systems
50 West 33rd Street
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