

**OLYMPUS®**

# ***E-M1***

## **Weather-Resistance Tutorial/ Maintenance Information:**

### **RUGGED, FREEZE, SPLASH, DUSTPROOF DURABILITY**

The Olympus OM-D E-M1 when coupled with an Olympus Weather-Sealed lens features dust-proof, splash-proof and even freeze-proof capabilities — for guaranteed operation down to 14 °F — for the best environmental resistance of any Olympus interchangeable lens camera yet. Its durable magnesium alloy body, and weather-resistant seals and gaskets block rain, snow and dust for use in harsh environments. The camera's Supersonic Wave Filter (SSWF) dust reduction system vibrates at a super-high speed of more than 30,000 times per second to powerfully remove dust particles so users can shoot and change lenses in dusty environments without sacrificing image quality.

**1. Check Memory Card  
Compartment**

**2. Check Power  
Battery Holder  
Connections**

**3. Check X-Sync  
Socket Cover**

**4. Check Battery Door**

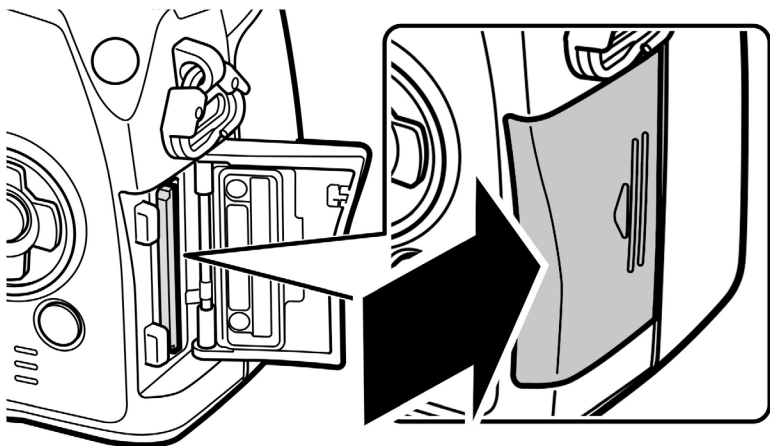
**5. Check External  
Connections Cover**

**6. Check Accessory  
Port and Hot Shoe  
Cover**

**OM-D**  
E-M1

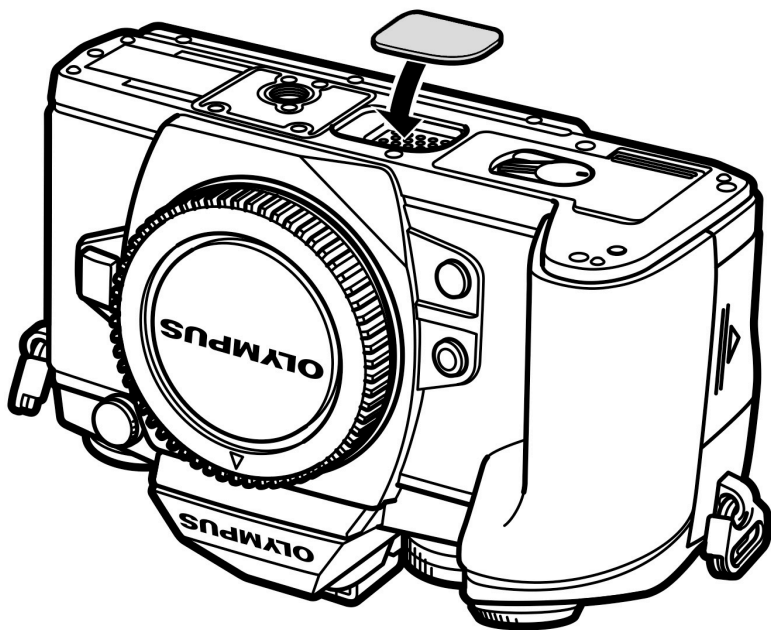
## Step 1. Check Memory Card Compartment

Open the memory card door and ensure there is no dust or debris in or around the door or compartment. Insert an SD card into the card slot and close the memory card door and ensure proper closure.



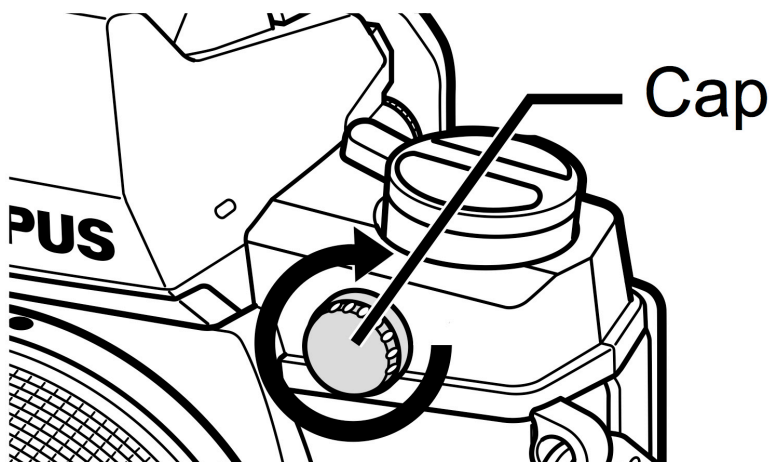
## Step 2. Check Power Battery Holder Connections

Please ensure the Power Battery Holder contacts compartment cover located on the bottom of the camera is free from debris. Place the Power Battery Holder (PBH) cover over the compartment and ensure it is completely and properly seated in place. When correctly in place, the cover will lie flat and be flush with the bottom of the camera.



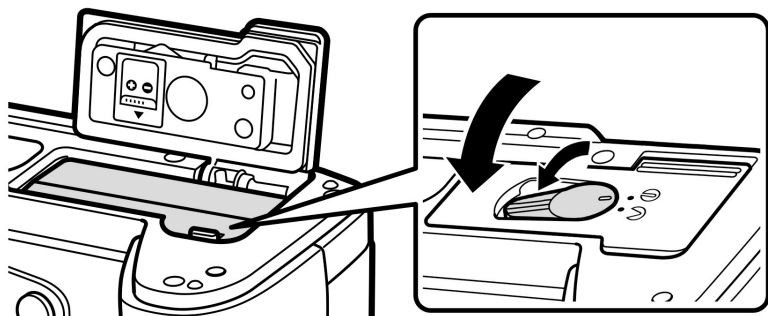
### Step 3. Check X-Sync Socket Cover

Please ensure that the External Flash Connector cap is in place and is hand tightened.



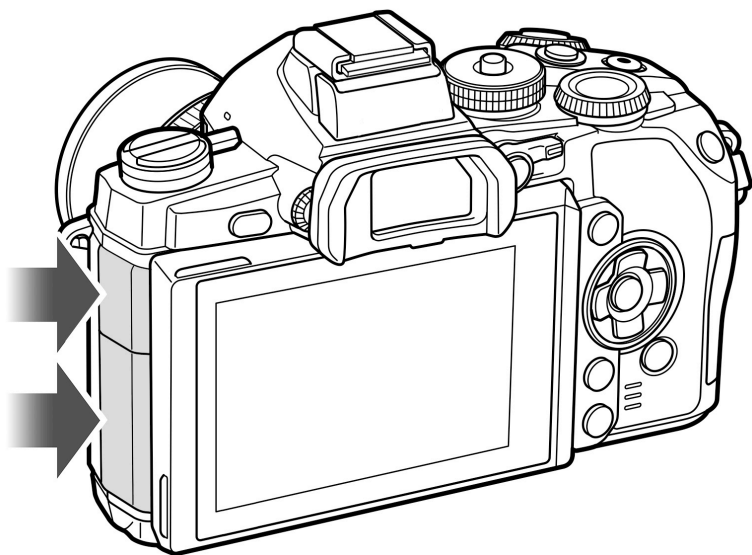
#### Step 4. Check Battery Door

Please insert the battery correctly so that the tab clicks over the battery and check that the battery door is free from debris and fibers. Close the battery door and ensure the latch is moved to the closed position.



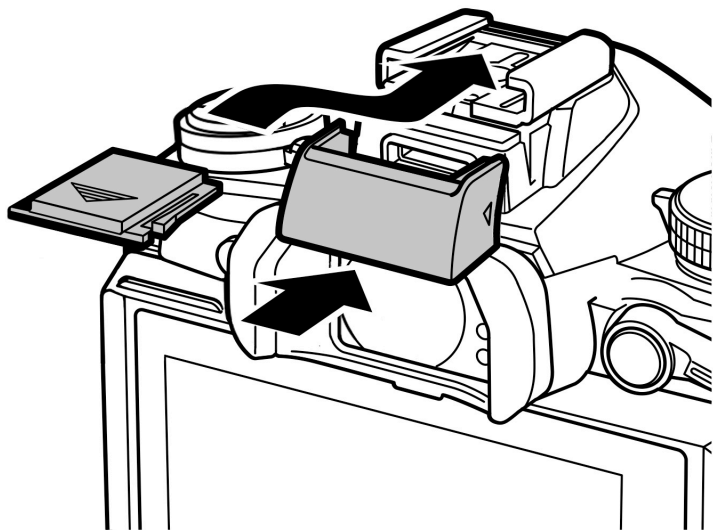
## Step 5. Check External Connections Cover

Please check that the External connections compartments and their covers are free of debris and fibers. These surfaces must be clean to provide a proper seal from moisture and dust. Once clean close the covers by pressing vertically along their length securely into the closed position. When properly in place, the rubber covers will lie flat and be flush with the adjacent surfaces.



## Step 6. Check Accessory Port and Hot Shoe Cover

Ensure that the Accessory Port Cover is in place; check port and port cover for dust and debris. Install the hot shoe cover into the camera's hot shoe. Please note that the camera is not considered to be weather/dust resistant without the Accessory Port (AP) cover in place. **The AP accessories, such as flashes, PenPal, etc, are not weather proof and should not be used in wet locations or in the rain or snow.**



## Appendix

### General precautions:

- Only certain Olympus ZUIKO lenses are Weather-Proof. If the camera is used with a lens that is not Weather-Proof in rain, snow or dusty conditions, the Weather-Proof properties of the camera cannot be assured and the camera can be damaged from water or dust entering the camera body through the lens mount.
- Do not submerge the camera or lens in water or other liquids. The camera and lens are not waterproof and will be damaged if submerged in water or other liquids. Liquid damage to the interior mechanisms of the camera or lens may not be immediately obvious and malfunction can occur at a later time. If you believe the camera or lens has been damaged by liquid entering the camera or lens, contact Olympus to have the camera inspected or serviced
- Do not rinse the camera or lens under running water as the camera and lens' interior assemblies may be damaged
- Do not expose the camera or lens to corrosive or caustic liquids or chemicals
- Do not contaminate the exterior of the camera or lens with sticky liquids like sugary beverages. Such contamination may cause control dials and buttons to malfunction
- Do not contaminate the exterior of the camera or lens with sand. Sand will become embedded under control dials and buttons causing malfunction



## Appendix (cont)

Cleaning the exterior of the camera:

- Turn off the camera and remove the battery before cleaning the camera.
- Wipe gently with a soft cloth. If the camera is very dirty, soak the cloth in mild soapy water and wring well. Wipe the camera with the damp cloth and then dry it with a dry cloth. If you have used the camera at the beach or where the camera has been exposed to salt water spray, use a soft cloth soaked in clean water and well wrung to wipe clean the exterior of the camera body.
- Clean the LCD Monitor by wiping gently with a soft cloth.
- Clean the lens by blowing dust off the lens with a commercially available hand blower. Gently wipe the lens surface with lens cleaning paper or suitable micro fiber cloth made especially for this purpose.

Service Advisory:

Product damage caused by sand or liquid contamination will void the original warranty and any extended warranties if applicable. In most cases Olympus service will not be able to repair the camera. In these situations, the camera would be deemed beyond reliable repair and returned without servicing.