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Pelican 1520-001-180

Pelican 1520 Case User Manual

Model: 1520-001-180

Introduction

This manual provides essential information for the proper use, maintenance, and care of your Pelican 1520 Case. Designed for durability and protection, this case is suitable for a wide range of applications, safeguarding your valuable equipment from harsh environments.



Figure 1: Pelican 1520 Case (Silver) with no foam, showcasing its robust design and latches.

Setup

The Pelican 1520 Case is designed for immediate use. As this model comes without foam, you may wish to customize the interior for your specific items.

Customizing the Interior (Optional)

1. **Measure Your Items:** Carefully measure the dimensions of the equipment you intend to store.
2. **Select Foam:** Purchase high-density foam inserts (e.g., Pick N Pluck foam or custom-cut foam) that fit the interior

dimensions of the 1520 case.

3. **Cut and Fit:** Follow the foam manufacturer's instructions to cut the foam to the desired shapes for your equipment. Ensure a snug fit to prevent movement during transport.
4. **Insert Foam:** Place the customized foam layers into the case.

Operating the Case

Opening and Closing

- **To Open:** Locate the two double-throw latches on the front of the case. Lift the lower part of each latch upwards, then pull the upper part outwards to release the lid.
- **To Close:** Align the lid with the base. Press down firmly on the lid while engaging the latches. Ensure both latches click securely into place.

Pressure Equalization Valve

The Pelican 1520 case features an automatic pressure equalization valve. This valve allows air pressure to equalize between the interior of the case and the outside atmosphere, preventing vacuum lock and making the case easy to open after changes in altitude or temperature, while maintaining its waterproof integrity.

- No user intervention is required for the valve to function. Do not attempt to remove or tamper with the valve.

Maintenance

Regular maintenance ensures the longevity and performance of your Pelican case.

- **Cleaning:** Clean the exterior of the case with mild soap and water. For stubborn dirt, a soft brush can be used. Rinse thoroughly and air dry.
- **O-Ring Inspection:** Periodically inspect the O-ring seal located inside the lid. Ensure it is clean, free of debris, and not cracked or stretched. A clean, well-maintained O-ring is crucial for the case's waterproof seal.
- **O-Ring Lubrication:** If the O-ring appears dry, apply a thin coat of silicone grease (Pelican recommends its own brand or a similar silicone-based lubricant) to keep it pliable and maintain the seal. Do not use petroleum-based lubricants.
- **Latch Check:** Verify that the latches operate smoothly and securely.

Troubleshooting

Problem	Possible Cause	Solution
Case is difficult to open after air travel or altitude change.	Pressure differential (vacuum lock).	The automatic pressure equalization valve should handle this. If not, ensure the valve is not obstructed. Apply gentle pressure to the lid while attempting to open latches.
Case leaks water.	Damaged or dirty O-ring; improperly closed latches; damaged case body.	Inspect and clean/lubricate O-ring. Ensure latches are fully engaged. Inspect case for cracks or damage. Contact Pelican support if damage is present.
Latches are stiff or difficult to close.	Dirt or debris in latch mechanism; O-ring not seated correctly.	Clean latches. Ensure O-ring is properly seated in its groove.

Specifications

Model Name: Pelican 1520 Case

Model Number: 1520-001-180

Color: Silver

Material: Plastic

Exterior Dimensions (L x W x H): Approximately 20 x 16.4 x 7.9 inches (based on package dimensions)

Interior Dimensions (L x W x H): Approximately 18.06 x 12.89 x 6.72 inches (based on product title information)

Weight (Empty): Approximately 8.3 Pounds

Features: Automatic Pressure Equalization Valve, O-ring seal, Open cell core with solid wall design, Double-throw latches, Fold down handle.

Note: Exterior dimensions are based on package size, and interior dimensions are derived from the product's full title on Amazon.

Warranty Information

Pelican Products, Inc. ("Pelican") guarantees its cases will be free of defects in materials and workmanship for one year from the date of invoice. This warranty covers defects in materials and workmanship under normal use and service. It does not cover damage caused by misuse, abuse, neglect, alteration, or accident.
For full warranty details and to make a claim, please refer to the official Pelican website or contact Pelican customer support.

Customer Support

For technical assistance, parts, or warranty claims, please contact Pelican customer support:

- **Website:** www.pelican.com
- **Phone:** Refer to the Pelican website for regional contact numbers.

When contacting support, please have your product model number (1520-001-180) and date of purchase available.

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