

Pelican Air 1615 Case with Foam Instruction Manual

Model: 016150-0000-150 | Brand: Pelican

1. INTRODUCTION

The Pelican Air 1615 Case is engineered to provide superior protection for your valuable equipment while maintaining a lightweight design. Constructed from Pelican's next-generation HPX resin, this case offers exceptional durability, being crushproof, dustproof, and watertight. It features an automatic purge valve to balance air pressure, integrated wheels, and a retractable handle for ease of transport. This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Pelican Air 1615 Case.



Image: Pelican Air 1615 Case in Yellow, showcasing its robust design.

2. KEY FEATURES

- **Lightweight HPX Resin Construction:** Molded from a proprietary formula that is up to 40% lighter than other polymer cases, designed to rebound without breaking.
- **Crushproof, Dustproof, and Watertight:** Equipped with a robust O-Ring gasket and an automatic purge valve to ensure contents are protected from external elements and pressure changes.
- **Integrated Mobility Features:** Includes rolling stainless-steel bearing wheels, a retractable extension handle, and rubber over-molded handles for comfortable and easy transport.
- **Secure Latching System:** Features double-throw latches and stainless steel hasp protectors for enhanced security.
- **Customizable Interior:** Comes with Pelican Pick N Pluck shock-absorbent foam for tailored equipment protection.
- **Airline Check-in Size:** Exterior dimensions are designed to meet maximum allowable airline check-in size requirements.



CRUSHPROOF EXTERIOR IMPACT RESISTANT

* IP68 = depth of 2 meters for 30 minutes

Image: A Pelican Air case partially submerged in water, illustrating its water and dustproof capabilities with a professional-grade O-ring seal.

SMART, CONFIGURABLE ORGANIZATION FOR YOUR GEAR



Image: A person standing on a Pelican Air case, demonstrating its crushproof and impact-resistant exterior.



STAINLESS STEEL LOCK HASPS

Image: The interior of a Pelican Air case showing different organization options: Pick N Pluck foam, padded dividers, Trekpak dividers, and no foam.

3. SETUP

3.1 Unpacking and Initial Inspection

Upon receiving your Pelican Air 1615 Case, carefully remove it from its packaging. Inspect the case for any signs of damage that may have occurred during shipping. Ensure all latches, handles, and wheels are securely attached and functional. Verify the presence of the Pick N Pluck foam inserts.

3.2 Customizing the Pick N Pluck Foam

The Pick N Pluck foam allows you to create a custom fit for your equipment. To customize:

1. Place your equipment on the foam in the desired arrangement.
2. Trace the outline of each item with a marker or by gently pressing down to create an impression.
3. Carefully pluck out the small foam squares around the traced areas until your equipment fits snugly.
4. Ensure there is adequate foam cushioning on all sides and beneath your items for optimal protection.

4. OPERATION

4.1 Opening and Closing Latches

The Pelican Air 1615 Case features double-throw latches for secure closure. To open, lift the lower part of the latch and pull outwards. To close, align the lid with the base and press down firmly on the latches until they click into place.



Image: A close-up of the secure double-throw latches on an orange Pelican Air case.

4.2 Using the Retractable Handle and Wheels

To extend the retractable handle, press the release button located on the handle grip and pull upwards until it locks into position. To retract, press the button again and push the handle down. The integrated stainless-steel bearing wheels allow for smooth rolling of the case.

MULTIPLE COLORS

1615 Air Case

Interior: 29.59" x 15.50" x 9.38"

Exterior: 32.58" x 18.40" x 11.02"



Image: A person pulling a Pelican Air case using its retractable trolley handle.



Image: A close-up view of the integrated wheels on a Pelican Air case, designed for smooth transport.

4.3 Automatic Purge Valve

The automatic purge valve is designed to equalize air pressure inside the case, preventing vacuum lock and making the case easier to open after changes in altitude or temperature. This valve operates automatically and requires no manual adjustment.



INTEGRATED WHEELS SELECT MODELS

Image: A close-up of the pressure equalizing valve on a Pelican Air case, ensuring balanced internal pressure.

4.4 Securing the Case

For added security, the case includes stainless steel hasp protectors. These allow for the attachment of padlocks (not included) to prevent unauthorized access to your equipment.



SECURE DOUBLE THROW LATCHES

Image: A close-up of the stainless steel lock hasps on a grey Pelican Air case, providing points for additional security.

5. MAINTENANCE

5.1 Cleaning the Exterior

Clean the exterior of your Pelican Air case with mild soap and water. Avoid abrasive cleaners or solvents that could damage the HPX resin. Rinse thoroughly and dry with a soft cloth.

5.2 O-Ring Seal Inspection and Care

Periodically inspect the O-ring seal located in the lid for any cracks, tears, or debris. A clean, properly seated O-ring is crucial for maintaining the case's watertight integrity. If necessary, clean the O-ring with a damp cloth and apply a thin coat of silicone grease (Pelican recommends its own brand) to keep it pliable and ensure a proper seal. Do not use petroleum-based lubricants.

5.3 Foam Insert Care

The Pick N Pluck foam can be cleaned by gently vacuuming or by hand washing with mild soap and water. Allow the foam to air dry completely before placing it back into the case.

5.4 Wheel and Handle Maintenance

Keep the wheels and retractable handle free of dirt and debris. If the wheels become stiff, clean the axles and

apply a small amount of silicone lubricant. Ensure the retractable handle extends and retracts smoothly; clean any obstructions if movement is hindered.

6. TROUBLESHOOTING

6.1 Difficulty Opening/Closing Latches

Ensure the lid and base are properly aligned. Check for any obstructions or debris caught in the latches. If the case has been exposed to significant pressure changes, the automatic purge valve should equalize the pressure, making it easier to open. If latches are damaged, refer to the warranty section.

6.2 Water Ingress

If water enters the case, immediately check the O-ring seal for proper seating, cleanliness, and any damage. Ensure all latches are fully closed and secured. If the O-ring is damaged, it may need replacement.

6.3 Stiff Wheels or Handle

Clean any dirt or debris from the wheel axles and handle mechanism. Lubricate with a silicone-based spray if necessary. Avoid forcing the handle or wheels if they are obstructed.

7. SPECIFICATIONS

Feature	Detail
Model Number	016150-0000-150
Interior Dimensions (L x W x D)	29.59" x 15.50" x 9.38" (75.2 x 39.4 x 23.8 cm)
Exterior Dimensions (L x W x D)	32.58" x 18.40" x 11.02" (82.7 x 46.7 x 28.0 cm)
Material	Lightweight HPX™ Resin (Plastic)
Protection Rating	Crushproof, Dustproof, Watertight (O-Ring Gasket)
Purge Valve	Automatic Pressure Equalization Valve
Wheels	Stainless-Steel Bearing Wheels
Handle	Retractable Extension Handle, Rubber Over-molded Handles
Foam	Pick N Pluck™ Foam

8. WARRANTY AND SUPPORT

8.1 Pelican's Lifetime Warranty

The Pelican Air 1615 Case is backed by Pelican's legendary Lifetime Warranty. This warranty guarantees the case against breakage or defects in workmanship for the life of the product. For specific terms and conditions, or to make a warranty claim, please refer to the official Pelican website or contact their customer service directly.

8.2 Customer Support

For further assistance, technical support, or inquiries regarding your Pelican Air 1615 Case, please visit the

official Pelican website or contact their customer service department. Contact details can typically be found on the manufacturer's website under 'Support' or 'Contact Us'.

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