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Arlen Ness 600-010

Arlen Ness 10-Gauge Inverted Series Air Cleaner User Manual

Model: 600-010

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Arlen Ness 10-Gauge Inverted Series All Black Air Cleaner. Designed for optimal airflow and performance, this air cleaner features a unique inverted design and high-quality construction. Please read this manual thoroughly before installation to ensure correct procedure and maximize product longevity.

PRODUCT FEATURES

- **10-Gauge Design:** A distinctive and robust aesthetic.
- **Patented Hidden Breather Backing Plate System:** Ensures a clean look and efficient engine breathing.
- **High Performance Synthetic Air Filter:** Provides superior filtration and airflow.
- **CNC Machined from Forged Billet Aluminum:** Guarantees durability and precision fit.
- **Patent-Pending Oil Catch / Reservoir:** Manages oil blow-by effectively.
- **Inverted Pleated Top Filter:** Maximizes air intake from all directions, including the face.

SETUP AND INSTALLATION

Installation of the Arlen Ness 10-Gauge Inverted Series Air Cleaner requires basic mechanical knowledge and tools. It is recommended to consult a professional if you are unsure about any steps. Always ensure the engine is cool before beginning installation.

1. **Preparation:** Gather all necessary tools (wrenches, screwdrivers, torque wrench) and ensure you have all components of the air cleaner kit.
2. **Remove Existing Air Cleaner:** Carefully disconnect and remove the stock air cleaner assembly from your motorcycle. Pay attention to any hoses or electrical connections.
3. **Install Backing Plate:** Mount the new Arlen Ness backing plate to the engine. Ensure breathers are correctly aligned and secured. Torque fasteners to manufacturer specifications.
4. **Attach Air Filter Element:** Secure the high-performance synthetic air filter element to the backing plate. Ensure a snug fit to prevent air leaks.

5. **Install Outer Cover:** Position the CNC machined billet aluminum outer cover over the filter element and secure it with the provided hardware. Ensure all fasteners are tightened evenly.
6. **Final Inspection:** Double-check all connections and fasteners to ensure they are secure. Start the engine and check for proper operation and any unusual noises or air leaks.



Figure 1: The Arlen Ness 10-Gauge Inverted Series Air Cleaner. This image displays the all-black finish, the distinctive 10-Gauge design on the outer cover, and the visible mesh of the inverted pleated synthetic filter element. The central Arlen Ness logo is also visible.

OPERATION

The Arlen Ness 10-Gauge Inverted Series Air Cleaner operates passively to filter incoming air for your engine. Its design maximizes airflow, contributing to improved engine performance, torque, and mileage. Once properly installed, no further operational adjustments are typically required. The patented hidden breather system and oil catch/reservoir work automatically to manage engine breathing and oil blow-by.

MAINTENANCE

Regular maintenance of your air cleaner is crucial for optimal performance and engine longevity. The synthetic filter element is designed for long-term use but requires periodic cleaning.

- **Filter Cleaning:** Periodically inspect the air filter element for dirt and debris. The synthetic filter can be cleaned using a mild detergent and water. Allow it to air dry completely before reinstallation. Do not use harsh chemicals or compressed air, as this can damage the filter media.
- **Oil Catch Reservoir:** Check the patent-pending oil catch/reservoir periodically. If it accumulates oil, drain it according to your motorcycle's service manual or local environmental regulations.
- **Hardware Inspection:** Regularly check all mounting hardware for tightness. Vibrations from motorcycle operation can loosen fasteners over time.
- **Visual Inspection:** Inspect the entire air cleaner assembly for any signs of damage, cracks, or wear. Ensure the backing plate seal is intact.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Reduced Engine Performance	Clogged air filter element.	Clean or replace the air filter element.
Air Leaks Around Air Cleaner	Improperly seated filter or loose mounting hardware.	Re-seat the filter element. Tighten all mounting bolts evenly. Inspect backing plate gasket.
Excessive Oil in Reservoir	Normal engine blow-by or overfilled engine oil.	Drain the oil catch reservoir. Check engine oil level and adjust if necessary.
Unusual Noises from Air Cleaner	Loose components or foreign object.	Inspect all parts for proper fitment and remove any foreign objects.

SPECIFICATIONS

Model Number: 600-010

Manufacturer Part Number: 600-010

OEM Part Number: 600-010

Brand: Arlen Ness

Item Weight: 3.61 pounds

Product Dimensions: 6 x 8 x 10 inches (approximate)

Filter Type: High Performance Synthetic

Material: CNC Machined Forged Billet Aluminum

Fit Type: Vehicle Specific Fit

WARRANTY INFORMATION

Arlen Ness products are manufactured to high standards. For specific warranty terms and conditions, please refer to the official Arlen Ness website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, parts inquiries, or further information regarding your Arlen Ness 10-Gauge Inverted Series Air Cleaner, please visit the official Arlen Ness website or contact their customer support department. Always provide your product model number (600-010) when seeking support.

Official Arlen Ness Website: www.arlenness.com

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