

Ymiko Ymikoscump7dboe

Heavy Duty ABS Air Filter Cover & Filter Kit User Manual

Brand: Ymiko | Model: Ymikoscump7dboe

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your new Ymiko Heavy Duty ABS Air Filter Cover and Filter Kit. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

2. PRODUCT OVERVIEW

The Ymiko Air Filter Cover and Filter Kit is designed to protect your mower's engine by filtering incoming air, preventing dirt and debris from entering the combustion chamber. The kit includes a durable ABS air cleaner cover and a high-efficiency paper air filter.



Image 2.1: The Ymiko Heavy Duty ABS Air Filter Cover and the accompanying air filter.

3. COMPATIBILITY

This air filter cover and filter kit is specifically designed as a replacement for part number **594106**. It is widely applicable and suitable for most garden machinery engine series that utilize a paper filter, including but not limited to:

- 650EXI Mower Engines
- 675EXI Mower Engines
- 675IS Mower Engines



Image 3.1: The air filter cover and filter shown in context with a lawnmower, indicating its application.

4. KEY FEATURES

The Ymiko Air Filter Cover and Filter Kit offers several key features designed for optimal performance and durability:

- **High-Grade ABS Construction:** Constructed from heavy-duty ABS material, this air cleaner cover offers superior strength and longevity, ensuring it withstands demanding outdoor conditions.
- **Optimized Engine Performance:** Facilitates easier engine starting and smoother operation for enhanced performance by ensuring clean air intake.
- **Versatile Use:** Compatible with a wide variety of garden machinery engine series, offering a broad range of applications.
- **High Reliability:** Professionally manufactured for consistent reliability and safe usage, meeting stringent quality standards.
- **Perfect Fit:** Designed to perfectly match with part number 594106, ensuring a seamless integration with your

lawnmower's existing components.



Made of premium ABS material

professionally manufactured
high reliability
safe to use



Image 4.1: Visual representation of the product emphasizing its material quality and manufacturing standards.

5. SETUP AND INSTALLATION

Follow these steps to properly install the air filter cover and filter:

1. **Preparation:** Ensure your mower's engine is turned off and cool before beginning any maintenance. Locate the existing air filter housing on your mower.
2. **Remove Old Components:** Carefully unlatch or unscrew the fasteners holding the old air filter cover in place. Remove the old cover and the used air filter. Dispose of the old filter responsibly.
3. **Clean Housing:** Inspect the air filter housing for any dirt, debris, or grass clippings. Clean the housing thoroughly to ensure a proper seal for the new filter and cover.
4. **Install New Filter:** Place the new Ymiko air filter into the clean housing. Ensure it sits snugly and correctly within its

designated slot.

5. **Install New Cover:** Align the new Ymiko ABS air filter cover over the installed filter and housing. Ensure all tabs and clips align perfectly. Press firmly to secure the cover in place, ensuring all latches or screws are fastened tightly. A secure fit is crucial for proper engine protection.



Image 5.1: The air filter cover and filter shown disassembled, illustrating their individual components and how they connect.

6. OPERATING PRINCIPLES

Once installed, the air filter and cover work together as a critical component of your mower's engine system. The air filter traps airborne particles such as dust, dirt, and grass clippings before they can enter the engine's carburetor or fuel injection system. The air filter cover protects the filter from physical damage and ensures that all air entering the engine passes through the filter, maintaining optimal engine performance and preventing premature wear.

7. MAINTENANCE

Regular maintenance of your air filter system is essential for the longevity and efficiency of your mower.

7.1. Inspection

Periodically inspect the air filter and cover, especially after prolonged use or use in dusty conditions. Look for:

- Excessive dirt or debris accumulation on the filter.
- Cracks or damage to the ABS cover.
- Loose connections or improper seating of the cover.

7.2. Cleaning the Cover

The ABS air filter cover can be cleaned with a damp cloth to remove surface dirt. Avoid using harsh chemicals that may damage the plastic.



Image 7.1: Detailed view of the interior of the ABS air filter cover, showing its structure.

7.3. Replacing the Air Filter

The paper air filter cannot be effectively cleaned and should be replaced when it appears dirty or clogged. A clogged filter restricts airflow, leading to reduced engine performance and increased fuel consumption. Refer to Section 5 for replacement instructions. The frequency of replacement depends on usage and environmental conditions, but generally, it should be replaced at least once per mowing season or every 25 hours of operation.

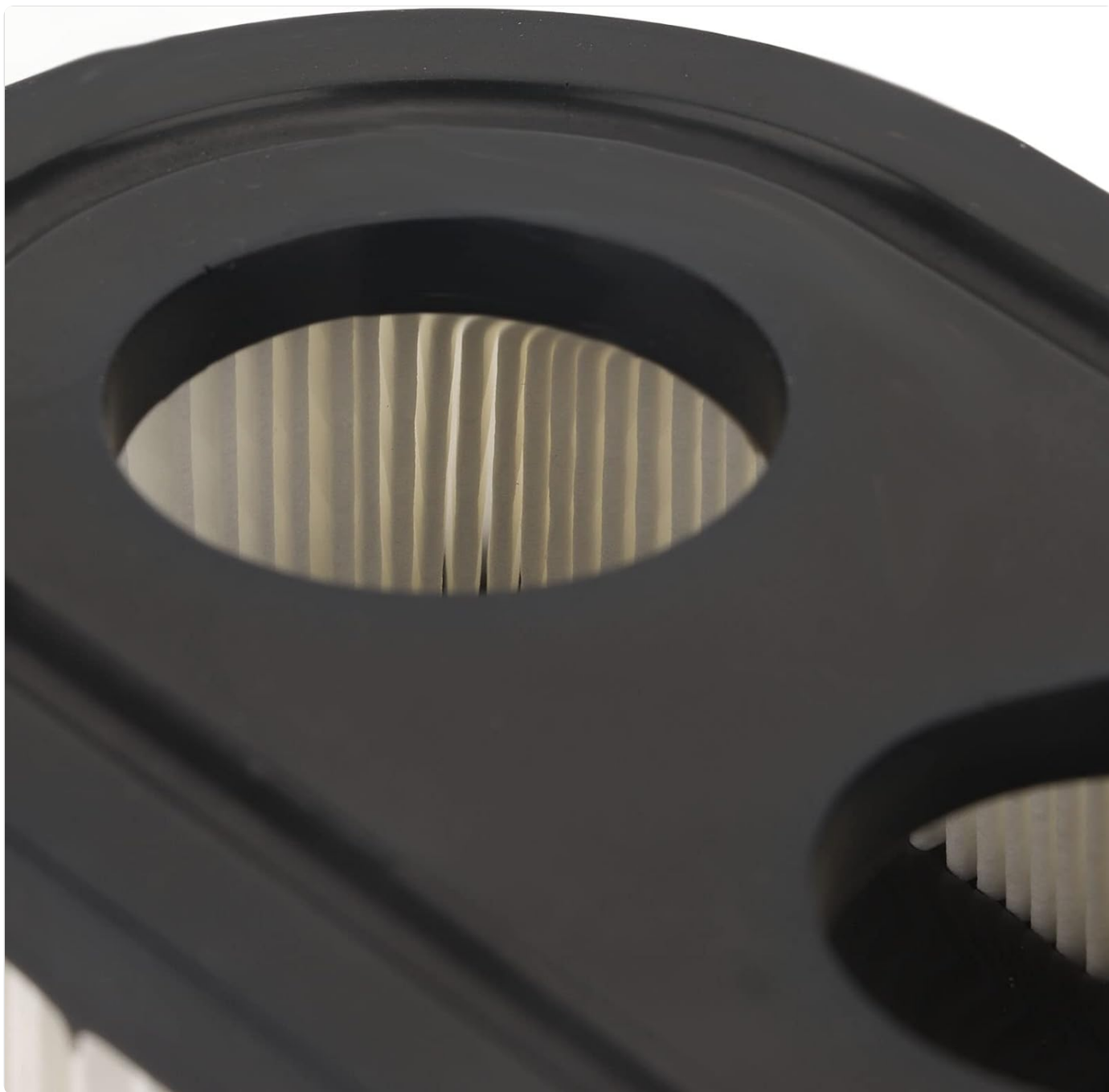


Image 7.2: Close-up of the air filter's pleated design, which maximizes surface area for filtration.

8. TROUBLESHOOTING

If you experience issues related to the air filter system, consider the following:

- **Engine Running Rough or Loss of Power:** This is often a primary indicator of a clogged air filter. Inspect the filter (refer to Section 7.1) and replace it if it appears dirty.
- **Air Filter Cover Not Fitting Securely:** Ensure the cover is correctly aligned with the housing and that all clips or fasteners are engaged. Verify you have the correct replacement part (part number 594106).
- **Unusual Engine Noises:** While less common for air filter issues, ensure the cover is not vibrating loose. A loose cover could allow unfiltered air into the engine.

If problems persist after checking these points, consult your mower's specific service manual or contact a qualified technician.

9. SPECIFICATIONS

Attribute	Detail
Product Type	Lawn Mower Air Cleaner Cover & Filter
Material	High-Grade ABS
Gross Weight	84g / 3.0oz (approx.)
Replacement Number	594106
Applicable Models	For 650EXI, 675EXI, 675IS Mower Engines
Manufacturer	Ymiko
Item Model Number	Ymikoscump7dboe
Package Dimensions	6.3 x 4.33 x 1.57 inches

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.

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