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Toobop 937-05145, 737-05145



Instruction Manual

Toobop 737-05145 / 937-05145 Air Filter for 679cc Engines

PRODUCT OVERVIEW

This air filter with pre-filter is designed as a direct replacement for MTD part numbers 937-05145 and 737-05145. It is specifically engineered to fit 679cc engines commonly found in Troy-Bilt, MTD, and Cub Cadet lawn mowers and outdoor power equipment.

The kit includes one air filter, one foam pre-filter, and one spark plug, providing essential components for routine engine maintenance.



Image: Front view of the Toobop 737-05145 / 937-05145 Air Filter, showing its grey top and black foam pre-filter.

INSTALLATION GUIDE

Proper installation of the air filter is crucial for optimal engine performance and longevity. Always ensure the engine is cool and disconnected from any power source before beginning maintenance.

Compatibility Verification

Before installation, verify that the OEM part number of the filter you are replacing matches either 937-05145 or 737-05145. This filter is designed for 679cc engines used in various MTD, Cub Cadet, and Troy-Bilt models.

Installation Steps

1. **Prepare the Engine:** Ensure the engine is turned off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Locate the Air Filter Housing:** Identify the air filter housing, typically a plastic or metal cover, on your engine.
3. **Remove the Old Filter:** Open the air filter housing by unlatching clips or unscrewing fasteners. Carefully remove the old air filter and pre-filter. Note their orientation.
4. **Clean the Housing:** Wipe down the inside of the air filter housing to remove any dust, debris, or oil residue.
5. **Install the New Pre-Filter:** Place the new foam pre-filter over the new air filter. Ensure it fits snugly.
6. **Install the New Air Filter:** Insert the new air filter assembly into the housing, ensuring it is seated correctly. The filter should fit without force.
7. **Secure the Housing:** Close the air filter housing, ensuring all clips are latched or screws are tightened securely.
8. **Replace Spark Plug (Optional):** If replacing the spark plug, carefully remove the old one using a spark plug wrench. Install the new spark plug from the kit, ensuring it is hand-tightened first, then tightened with the wrench to the

manufacturer's specifications. Reconnect the spark plug wire.



Image: Top view of the Toobop 737-05145 / 937-05145 Air Filter, showing the central opening for mounting.

OPERATION AND FUNCTION

The air filter is a critical component of your engine's intake system. Its primary function is to prevent dirt, dust, and debris from entering the carburetor and engine cylinders. A clean air filter ensures that only clean air mixes with fuel, promoting efficient combustion and preventing premature wear of internal engine components.

The foam pre-filter acts as a first line of defense, capturing larger particles before they reach the main paper filter element, thereby extending the life of the primary filter.

MAINTENANCE

Regular inspection and replacement of the air filter are essential for maintaining engine performance and extending its lifespan. A clogged or dirty air filter can restrict airflow, leading to reduced power, increased fuel consumption, and potential engine damage.

Inspection and Replacement Frequency

- **Routine Checks:** Inspect the air filter and pre-filter every 25 hours of operation or annually, whichever comes first. More frequent checks may be necessary in dusty or dirty conditions.
- **Replacement:** Replace the air filter and pre-filter when they appear dirty, clogged, or damaged. The included spark plug should also be replaced as part of regular engine tune-ups, typically annually or as recommended by your engine manufacturer.
- **Cleaning the Pre-Filter:** The foam pre-filter can often be cleaned with warm, soapy water, rinsed thoroughly, and allowed to air dry completely before reinstallation. The main paper filter element should not be washed; it must be replaced.



Image: Bottom view of the Toobop 737-05145 / 937-05145 Air Filter, showing the internal filter media.

TROUBLESHOOTING

If your engine is experiencing performance issues, a dirty or improperly installed air filter could be a contributing factor. Consider the following common issues:

Symptom	Possible Cause	Solution
Reduced Engine Power	Clogged air filter restricting airflow.	Inspect and replace the air filter and pre-filter.
Engine Runs Rough or Stalls	Insufficient air supply due to dirty filter; fouled spark plug.	Replace air filter and spark plug. Check fuel system.
Increased Fuel Consumption	Engine working harder due to restricted airflow.	Replace air filter. Ensure proper engine tune-up.
Engine Not Starting	Severely clogged air filter; faulty spark plug.	Check and replace air filter and spark plug. Verify fuel and ignition.

SPECIFICATIONS

Attribute	Detail
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Attribute	Detail
Part Numbers Replaced	MTD 937-05145, 737-05145
Engine Compatibility	679cc engines (Troy-Bilt, MTD, Cub Cadet)
Length	6-3/4 inches (6.75")
Width	4-3/8 inches (4.38")
Height	2-3/8 inches (2.38")
Item Weight	15.5 ounces
Includes	1x Air Filter, 1x Foam Pre-Filter, 1x Spark Plug
Country of Origin	China

WARRANTY AND SUPPORT

Specific warranty details for this product are not provided in this manual. For information regarding warranty coverage, claims, or technical support, please refer to the manufacturer's official website or contact Toobop customer service directly. Keep your purchase receipt as proof of purchase.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question