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› BEAR FLAG EDITION Carburetor Instruction Manual for Dayton 9HP Generators (Models 3W737C, 5U936C, 3W737D, 5U936D)

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BEAR FLAG EDITION Carburetor Instruction Manual

For Dayton 3W737C, 5U936C, 3W737D, 5U936D 9HP Generators

INTRODUCTION

Thank you for choosing the BEAR FLAG EDITION replacement carburetor. This manual provides essential information for the safe and effective installation, operation, and maintenance of your new carburetor. Please read this manual thoroughly before attempting any installation or maintenance procedures to ensure proper function and longevity of your generator.

SAFETY INFORMATION

Always prioritize safety when working with fuel systems and power equipment. Failure to follow safety instructions can result in serious injury or property damage.

- **Disconnect Power:** Before beginning any work, ensure the generator's spark plug wire is disconnected to prevent accidental starting.
- **Fuel Handling:** Work in a well-ventilated area. Fuel is highly flammable; avoid open flames, sparks, or smoking. Use an approved fuel container.
- **Protective Gear:** Wear appropriate personal protective equipment, including safety glasses and gloves.
- **Engine Hot:** Allow the engine to cool completely before performing maintenance to avoid burns.
- **Read Generator Manual:** Refer to your generator's original instruction manual for specific safety warnings and procedures related to your model.

PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package. The following items are typically included:



Image: The complete carburetor kit, including the main carburetor unit, fuel filter, various gaskets, a spark plug, ignition coil, fuel line, choke lever, and a shut-off switch.

- Carburetor Assembly
- Fuel Filter
- Gasket Set (multiple gaskets for mounting)
- Spark Plug
- Ignition Coil (or similar electrical component)
- Fuel Line
- Choke Lever
- Shut-off Switch

INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing your generator's carburetor. Specific procedures may vary slightly

depending on your generator model. Always refer to your generator's service manual for detailed instructions.

1. **Preparation:** Ensure the generator is turned off, cooled down, and the spark plug wire is disconnected. Drain the fuel tank into an approved container.
2. **Access Carburetor:** Remove any air filter housing, shrouds, or other components that obstruct access to the carburetor.
3. **Disconnect Components:** Carefully disconnect the fuel line, throttle linkage, choke linkage, and any electrical connections from the old carburetor. Note their positions for reassembly.
4. **Remove Old Carburetor:** Unbolt and remove the old carburetor and its gaskets from the engine.
5. **Clean Mounting Surface:** Thoroughly clean the engine's mounting surface to ensure a proper seal with the new gaskets.
6. **Install New Gaskets:** Place the new gaskets in their correct positions. Ensure they are not creased or damaged.
7. **Install New Carburetor:** Mount the new BEAR FLAG EDITION carburetor onto the engine, aligning it with the bolt holes. Secure it with the original bolts, tightening them evenly.
8. **Reconnect Components:** Reconnect the throttle linkage, choke linkage, fuel line (installing the new fuel filter if applicable), and any electrical connections. Ensure all connections are secure and move freely.
9. **Reassemble:** Reinstall any removed shrouds or air filter housing components.
10. **Refill Fuel:** Add fresh, appropriate fuel to the generator's tank.
11. **Test for Leaks:** Before starting, visually inspect all fuel connections for any signs of leaks.
12. **Reconnect Spark Plug:** Reconnect the spark plug wire.

After installation, perform a test run to ensure the generator operates correctly and there are no fuel leaks.

OPERATING INSTRUCTIONS

Once the carburetor is installed, follow your generator's standard operating procedures. Here are general tips for starting and running your generator:

- **Fuel Level:** Ensure adequate fuel is in the tank.
- **Oil Level:** Check the engine oil level before each use.
- **Choke:** For cold starts, set the choke to the 'FULL CHOKE' position. As the engine warms up, gradually move the choke to the 'RUN' position.
- **Starting:** Follow your generator's specific starting procedure (e.g., pull cord or electric start).
- **Warm-up:** Allow the engine to warm up for a few minutes before applying a load.
- **Shut-down:** To stop the engine, turn the engine switch to the 'OFF' position.

MAINTENANCE

Regular maintenance is crucial for the optimal performance and longevity of your generator and its carburetor.

Air Filter Maintenance

When to Clean or Replace the Air Filter

A clean air filter is essential for your lawn mower's performance and efficiency. Regular maintenance helps your mower run smoothly, saves fuel, and extends its lifespan. Clean the filter every 25 hours of use and replace it once per season or after 300 hours to avoid engine issues.

Watch for these signs:



If it's time to replace your air filter, choose a reliable option from our store. We offer durable, high-quality filters that fit perfectly with your mower, ensuring it continues to perform at its best without interruptions.



The Right Parts, the Right Fit, Every Time.

Image: Visual guide indicating signs that an air filter needs cleaning or replacement, such as reduced power, higher fuel consumption, starting issues, overheating, black smoke, and dirt buildup.

A clean air filter is essential for your generator's performance and efficiency. Regular maintenance helps your engine run smoothly, saves fuel, and extends its lifespan.

- **Cleaning Schedule:** Clean the air filter every 25 hours of use or more frequently in dusty conditions.
- **Replacement Schedule:** Replace the air filter once per season or after 300 hours to avoid engine issues.
- **Signs for Replacement:** Watch for reduced power, higher fuel consumption, starting issues, overheating, black smoke, or visible dirt buildup on the filter.

Fuel System Maintenance

- **Fuel Filter:** Inspect and replace the fuel filter annually or if fuel flow is restricted.
- **Fuel Line:** Check the fuel line for cracks, leaks, or deterioration regularly. Replace if necessary.
- **Fuel Storage:** Use fresh fuel and a fuel stabilizer if storing the generator for extended periods.

Spark Plug Inspection

- **Inspection:** Inspect the spark plug annually or every 100 hours. Look for signs of wear, carbon buildup, or damage.
- **Replacement:** Replace the spark plug if it is fouled, worn, or damaged. Ensure the correct gap is set according to your generator's specifications.

TROUBLESHOOTING

This section provides solutions for common issues you might encounter after carburetor replacement.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine will not start	No fuel, clogged fuel filter, incorrect choke setting, spark plug issue, improper carburetor installation	Check fuel level, replace fuel filter, adjust choke, inspect/replace spark plug, recheck carburetor connections
Engine runs rough or stalls	Dirty air filter, fuel quality, carburetor adjustment, vacuum leak	Clean/replace air filter, use fresh fuel, check for vacuum leaks around carburetor, consult a professional for carburetor adjustment
Reduced power output	Clogged air filter, fuel restriction, spark plug wear	Clean/replace air filter, check fuel filter and line, replace spark plug
Excessive fuel consumption	Dirty air filter, carburetor running rich	Clean/replace air filter, consult a professional for carburetor adjustment

SPECIFICATIONS

- **Product Type:** Replacement Carburetor Kit
- **Brand:** BEAR FLAG EDITION
- **Compatible Generator Models:** Dayton 3W737C, 5U936C, 3W737D, 5U936D
- **Engine Horsepower:** 9HP
- **UPC:** 669990801105

WARRANTY AND SUPPORT

BEAR FLAG EDITION products are manufactured to high standards. While specific warranty details are not provided in this manual, we stand by the quality of our replacement parts.

For technical assistance, troubleshooting guidance, or inquiries regarding your BEAR FLAG EDITION carburetor, please contact our customer support. Support is available every day to assist you with any questions or concerns.

ASK A QUESTION ABOUT THIS MANUAL

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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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

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