

FTYHFEFH FTYHFEFH

FTYHFEFH Carburetor for Coleman Powermate 8000 Generator Instruction Manual

Model: FTYHFEFH

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your FTYHFEFH Carburetor, designed as a direct replacement for Coleman Powermate 8000 Generators. Please read these instructions thoroughly before proceeding with any installation or operation to ensure proper function and longevity of your equipment.

SAFETY INFORMATION

Always observe the following safety precautions when working with fuel systems and generators:

- Ensure the generator is turned off and cooled down before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area to avoid inhaling fuel fumes.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Handle fuel with extreme care. Keep away from open flames, sparks, and heat sources.
- Dispose of old fuel and parts responsibly according to local regulations.

PACKAGE CONTENTS

The package includes the FTYHFEFH Carburetor, identical to the product images provided. Please verify all components are present and undamaged upon receipt.



Main view of the FTYHFEFH Carburetor.



Angled view of the carburetor, showing top and side components.



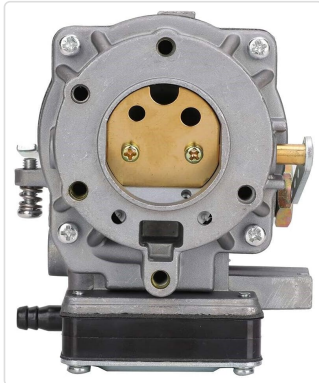
Side view of the carburetor, highlighting the fuel inlet and linkage.



Opposite side view of the carburetor, showing additional adjustment points.



Front view of the carburetor, showing the air intake opening.



Rear view of the carburetor, showing the engine mounting surface.

SETUP AND INSTALLATION

This carburetor is designed for direct replacement in Coleman Powermate 8000 Generators. No special tools are typically required for installation, making it a user-friendly replacement process. Follow these general steps:

1. **Preparation:** Ensure the generator is off, cool, and the spark plug wire is disconnected. Drain any fuel from the fuel tank and carburetor bowl.
2. **Access:** Remove any air filter housing, shrouds, or other components that obstruct access to the existing carburetor.
3. **Disconnect:** Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Note their positions for reassembly.
4. **Remove Old Carburetor:** Unbolt the old carburetor from the engine manifold. Be mindful of any gaskets; these may need to be replaced.
5. **Install New Carburetor:** Position the new FTYHFEFH Carburetor, ensuring new gaskets (if applicable) are correctly seated. Bolt it securely to the engine manifold.
6. **Reconnect:** Reconnect the fuel line, throttle linkage, and choke linkage to the new carburetor in their original positions. Ensure all connections are secure.
7. **Reassemble:** Reinstall any removed air filter housing, shrouds, or other components.
8. **Fuel and Prime:** Refill the fuel tank with fresh, appropriate fuel. Prime the carburetor if your generator model requires it (consult your generator's manual).

Note: For detailed, model-specific instructions, always refer to your Coleman Powermate 8000 Generator's original service manual.

OPERATING INSTRUCTIONS

After successful installation of the FTYHFEFH Carburetor, follow these general steps to operate your Coleman Powermate 8000 Generator:

1. **Fuel Check:** Ensure the fuel tank contains sufficient fresh fuel.
2. **Oil Level:** Verify the engine oil level is correct.
3. **Choke:** Move the choke lever to the "CHOKE" or "START" position (cold engine).
4. **Fuel Valve:** Open the fuel valve.
5. **Start Engine:** Pull the recoil starter handle firmly or engage the electric start (if equipped) until the engine starts.
6. **Warm-up:** Once the engine starts, gradually move the choke lever to the "RUN" position as the engine warms up.
7. **Load:** Allow the engine to warm up for a few minutes before applying any electrical load.

Always consult your generator's original operating manual for specific starting procedures and safety guidelines.

MAINTENANCE

Proper maintenance of your carburetor and generator ensures reliable performance and extends lifespan. Consider the following:

- **Fuel Quality:** Always use fresh, clean, unleaded gasoline. Stale fuel can cause deposits and clog carburetor passages. Consider using a fuel stabilizer if storing the generator for extended periods.
- **Fuel Filter:** Regularly inspect and replace the fuel filter to prevent contaminants from reaching the carburetor.
- **Air Filter:** A clean air filter is crucial for proper air-fuel mixture. Clean or replace the air filter as recommended by your generator's manual.
- **Carburetor Cleaning:** If the generator experiences performance issues due to fuel contamination, the carburetor may require cleaning. This typically involves disassembling the carburetor, cleaning jets and passages with carburetor cleaner, and replacing gaskets. This task may require professional assistance if you are not experienced.
- **Storage:** Before long-term storage, run the generator until it runs out of fuel, or drain the fuel tank and carburetor bowl to prevent fuel degradation and gumming.

TROUBLESHOOTING

If your generator experiences issues after carburetor replacement, consider these common troubleshooting steps:

Problem	Possible Cause	Solution
Engine will not start	No fuel, clogged fuel line/filter, incorrect choke setting, spark plug issue, carburetor not primed.	Check fuel level, inspect fuel line/filter, adjust choke, check spark plug, prime carburetor.

Problem	Possible Cause	Solution
Engine starts then dies	Fuel starvation, improper choke adjustment, clogged carburetor jet.	Ensure fuel flow, adjust choke, clean carburetor.
Rough running or surging engine	Incorrect air-fuel mixture, clogged carburetor jet, air leak.	Inspect air filter, clean carburetor, check for air leaks around manifold.
Fuel leaks from carburetor	Loose connections, damaged gasket, stuck float.	Tighten connections, replace gaskets, inspect float and needle valve.

If issues persist, it is recommended to consult a qualified service technician.

SPECIFICATIONS

Feature	Detail
Brand	FTYHFEFH
Model	FTYHFEFH
Compatibility	Coleman Powermate 8000 Generator
Item Weight	1 pounds
Product Dimensions	1 x 1 x 1 inches
Manufacturer Part Number	1
UPC	779824704349

WARRANTY AND SUPPORT

For specific warranty information regarding your FTYHFEFH Carburetor, please refer to the documentation provided with your purchase or contact the seller directly. Support for installation or troubleshooting beyond this manual's scope should be directed to a qualified service professional or the product manufacturer.