

FTYHFEFH 130200 133200 299437

Instruction Manual

FTYHFEFH CARBURETOR FOR BRIGGS & STRATTON 5 HP SERIES 130200, 133200, 299437

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your FTYHFEFH Carburetor. This carburetor is designed as a direct replacement part for specific Briggs & Stratton 5 HP Series engines. Please read this manual thoroughly before attempting any installation or maintenance procedures.

The package includes the carburetor unit exactly as depicted in the product images, manufactured to exact standards for a precise fit and durable performance.

2. COMPATIBILITY

This FTYHFEFH Carburetor is compatible with the following Briggs & Stratton 5 HP Series engine models:

- Briggs & Stratton 5 HP Series 130200
- Briggs & Stratton 5 HP Series 133200
- Briggs & Stratton 5 HP Series 299437

Ensure your engine model matches one of the listed series numbers for proper fit and function.

3. SAFETY INFORMATION

Always observe the following safety precautions when working with fuel systems and internal combustion engines:

- **Fuel Handling:** Gasoline is highly flammable. Work in a well-ventilated area, away from open flames, sparks, or other ignition sources. Store fuel in approved containers.
- **Engine Heat:** Engines can become very hot. Allow the engine to cool completely before performing any maintenance or installation.
- **Eye Protection:** Always wear appropriate eye protection to guard against fuel splashes or debris.
- **Ventilation:** Ensure adequate ventilation to avoid inhaling fuel vapors.
- **Battery Disconnection:** Disconnect the spark plug wire or battery cable before working on the engine to prevent accidental starting.
- **Professional Assistance:** If you are unsure about any step, consult a qualified mechanic or service professional.

4. SETUP AND INSTALLATION

This carburetor is designed for user-friendly replacement. No special tools are typically required for installation, but basic hand tools will be necessary. Follow these general steps for replacement:

1. **Preparation:** Ensure the engine is cool. Disconnect the spark plug wire. Turn off the fuel supply and drain any fuel from the fuel tank and carburetor bowl.
2. **Remove Air Filter Assembly:** Carefully remove the air filter housing and any associated components to gain access to the carburetor.
3. **Disconnect Linkages and Fuel Line:** Detach the throttle and choke linkages from the old carburetor. Disconnect the fuel line, being prepared for residual fuel leakage.
4. **Remove Old Carburetor:** Unbolt the old carburetor from the engine manifold. Note the position of any gaskets or spacers.
5. **Install New Carburetor:** Place new gaskets (if supplied or required) and spacers, then mount the new FTYHFEFH carburetor onto the engine manifold. Secure with bolts.
6. **Reconnect:** Reattach the throttle and choke linkages, ensuring they operate smoothly. Connect the fuel line securely.
7. **Reassemble:** Reinstall the air filter assembly and any other components removed during disassembly.
8. **Test:** Reconnect the spark plug wire. Refill the fuel tank. Start the engine and check for proper operation and any fuel leaks. Adjust idle speed if necessary according to your engine's service manual.



Image 1: Main view of the FTYHFEFH Carburetor, showing the overall assembly.



Image 2: Side view of the FTYHFEFH Carburetor, highlighting the fuel inlet and adjustment screws.

5. OPERATING INSTRUCTIONS

The carburetor's primary function is to mix air and fuel in the correct ratio for combustion. Once installed, the carburetor operates automatically as part of the engine's fuel system. Proper operation relies on correct installation and a clean fuel supply.

- **Starting:** Follow your engine manufacturer's specific starting procedures, which typically involve setting the choke and throttle.
- **Running:** The carburetor will automatically adjust the fuel-air mixture based on engine speed and load.
- **Stopping:** Turn off the engine using the designated switch or lever.

Refer to your Briggs & Stratton engine's original owner's manual for detailed operating instructions specific to your equipment.



Image 3: An angled view of the FTYHFEFH Carburetor, showing various linkages and components.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your carburetor. A clean fuel system is crucial for carburetor health.

- **Fuel Quality:** Always use fresh, clean gasoline. Stale or contaminated fuel can clog carburetor passages. Consider using a fuel stabilizer if the engine will be stored for extended periods.
- **Fuel Filter:** Inspect and replace the fuel filter regularly according to your engine's maintenance schedule. A clogged fuel filter can restrict fuel flow to the carburetor.
- **Air Filter:** A clean air filter is essential. A dirty air filter can cause the engine to run rich, affecting carburetor performance. Clean or replace as recommended by your engine manual.

- **Carburetor Cleaning:** If performance issues arise due to fuel contamination, the carburetor may need cleaning. This typically involves disassembling the carburetor, cleaning passages with carburetor cleaner, and replacing gaskets. This procedure should only be performed by individuals with appropriate mechanical knowledge.



Image 4: View of the FTYHFEFH Carburetor's intake side, showing mounting points and internal components.

7. TROUBLESHOOTING

If your engine experiences issues after carburetor installation, consider the following common troubleshooting steps:

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, carburetor passages clogged.	Check fuel level and quality. Replace fuel filter. Adjust choke. Inspect/replace spark plug. Clean carburetor.
Engine runs rough or stalls	Dirty air filter, clogged carburetor, incorrect idle adjustment, old fuel.	Clean/replace air filter. Clean carburetor. Adjust idle screw. Use fresh fuel.
Fuel leaks from carburetor	Loose connections, damaged gaskets, stuck float, worn needle valve.	Tighten connections. Replace gaskets. Inspect and free float. Replace needle valve.
Engine lacks power	Clogged carburetor, dirty air filter, restricted exhaust.	Clean carburetor. Clean/replace air filter. Check exhaust for blockages.

For persistent issues, consult your engine's service manual or a professional mechanic.

8. SPECIFICATIONS

Key specifications for the FTYHFEFH Carburetor:

Feature	Detail
Brand	FTYHFEFH
Compatible Engine Series	Briggs & Stratton 5 HP Series 130200, 133200, 299437
Item Weight	1 pound
Product Dimensions	1 x 1 x 1 inches (approximate)
Manufacturer Part Number	1
UPC	779603349709

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your FTYHFEFH Carburetor, please refer to the documentation provided with your purchase or contact the seller directly. Ensure you have your purchase details and product model information available when seeking support.