

FTYHFEFH Kohler 917.271080

FTYHFEFH Carburetor Instruction Manual

Replacement Part for Craftsman 16.0 Hp 42" Mower Kohler 917.271080

1. PRODUCT OVERVIEW

This document provides instructions for the installation and maintenance of the FTYHFEFH replacement carburetor, designed for use with Craftsman 16.0 Hp 42" Mowers equipped with the Kohler 917.271080 engine. This carburetor is engineered to meet original equipment specifications, ensuring proper fit and function for your mower's fuel system.

The unit is a direct replacement, manufactured to exact standards for proper installation and reliable performance. Each unit undergoes professional inspection prior to shipment to ensure quality.

2. SAFETY INFORMATION

- WARNING:** Always prioritize safety when working with engine components and fuel systems. Failure to follow safety precautions can result in serious injury or property damage.
- Ensure the engine is completely off and cool 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 safety glasses and gloves.
 - Handle fuel with extreme care. Keep away from open flames, sparks, and heat sources.
 - Dispose of old fuel and parts according to local regulations.
 - If you are unsure about any step, consult a qualified mechanic or refer to your mower's official service manual.

3. PACKAGE CONTENTS

The package includes the FTYHFEFH replacement carburetor. The item is identical to what is shown in the product images.



Image 1: Front view of the FTYHFEFH replacement carburetor. This image shows the main body, fuel inlet, and air intake.



Image 2: Side view of the FTYHFEFH replacement carburetor, highlighting mounting points and adjustment screws.



Image 3: Another side view of the FTYHFEFH replacement carburetor, showing additional components and linkages.

4. INSTALLATION INSTRUCTIONS

This carburetor is designed as a direct replacement. While installation is generally straightforward for those with mechanical experience, it is crucial to follow proper procedures. Refer to your Craftsman mower's service manual for specific steps related to your model (Kohler 917.271080 engine).

General Installation Steps:

1. **Preparation:** Park the mower on a level surface, engage the parking brake, and disconnect the spark plug wire. Allow the engine to cool completely.
2. **Fuel Drainage:** Turn off the fuel supply valve (if present) and drain the fuel tank into an approved container.

3. **Air Filter Removal:** Remove the air filter housing and air filter to access the carburetor.
4. **Disconnect Components:** Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Note their positions for reassembly.
5. **Remove Old Carburetor:** Unbolt the old carburetor from the engine manifold. Be mindful of any gaskets.
6. **Install New Carburetor:** Place new gaskets (if supplied or required) and mount the FTYHFEFH replacement carburetor onto the engine manifold. Tighten bolts securely but do not overtighten.
7. **Reconnect Components:** Reattach the fuel line, throttle linkage, and choke linkage to the new carburetor in their correct positions. Ensure all connections are secure.
8. **Reassemble Air Filter:** Reinstall the air filter and air filter housing.
9. **Refuel and Test:** Refill the fuel tank with fresh, clean fuel. Reconnect the spark plug wire. Start the engine and check for leaks or proper operation. Adjust idle speed if necessary according to your mower's service manual.

Note: Precision engineering ensures this carburetor matches factory specifications for proper installation.

5. OPERATING INSTRUCTIONS

As an internal engine component, the carburetor does not have direct user operating controls. Its function is to mix air and fuel in the correct proportions for combustion. Once properly installed, the carburetor will function automatically as part of the engine's fuel system. Ensure your engine's other components (spark plug, air filter, fuel filter) are in good condition for optimal performance.

6. MAINTENANCE

Regular maintenance of your carburetor and fuel system is essential for prolonging engine life and ensuring reliable operation.

- **Fuel Quality:** Always use fresh, clean, unleaded gasoline. Stale or contaminated fuel is a primary cause of carburetor issues. Consider using a fuel stabilizer, especially during storage.
- **Fuel Filter:** Regularly inspect and replace the fuel filter according to your mower's maintenance schedule. A clogged fuel filter can restrict fuel flow to the carburetor.
- **Air Filter:** Keep the air filter clean. A dirty air filter can restrict airflow, leading to a rich fuel mixture and poor engine performance.
- **Carburetor Cleaning:** If performance issues arise, the carburetor may need cleaning. This typically involves disassembling the carburetor, cleaning jets and passages with carburetor cleaner, and replacing gaskets. This task is best performed by experienced individuals or a professional.
- **Storage:** Before long-term storage, either run the engine until it runs out of fuel or drain the fuel system completely to prevent fuel degradation and gumming in the carburetor.

7. TROUBLESHOOTING

If your mower experiences issues after carburetor replacement, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Engine will not start	No fuel, clogged fuel filter, incorrect choke setting, spark plug issue, improper carburetor installation.	Check fuel level and quality. Inspect/replace fuel filter. Ensure choke is set correctly. Check spark plug. Re-verify carburetor installation and linkages.
Engine runs rough or stalls	Dirty air filter, stale fuel, carburetor adjustments needed, vacuum leak.	Clean/replace air filter. Use fresh fuel. Consult service manual for idle/mixture screw adjustments. Check for loose connections or damaged gaskets.
Engine lacks power	Clogged fuel filter, dirty air filter, carburetor running too lean or rich.	Inspect fuel and air filters. Adjust carburetor settings if applicable (refer to service manual).
Fuel leaks	Loose fuel line, damaged gasket, float bowl issue.	Check all fuel line connections. Inspect and replace gaskets. Ensure float bowl is properly seated and not damaged.

For persistent issues, it is recommended to consult a professional small engine mechanic.

8. SPECIFICATIONS

Brand: FTYHFEFH

Compatibility: Craftsman 16.0 Hp 42" Mower with Kohler 917.271080 Engine

Item Weight: 1 pounds

Product Dimensions: 1 x 1 x 1 inches *(Note: These dimensions may refer to packaging or a generic placeholder. Actual carburetor dimensions may vary slightly.)*

Manufacturer Part Number: 1 *(Note: This may be a generic internal identifier)*

ASIN: B0F8ZQ8V7Y

UPC: 779824707807

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your FTYHFEFH carburetor, please contact the seller directly through the platform where the purchase was made. Keep your purchase receipt or order number handy for faster service.

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