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› FTYHFEFH Carburetor Instruction Manual for Craftsman M250 21-inch Self-Propelled Mower (CMXGMAM1125503)

FTYHFEFH CMXGMAM1125503

FTYHFEFH Carburetor Instruction Manual

FOR CRAFTSMAN M250 21-INCH SELF-PROPELLED MOWER (CMXGMAM1125503)

Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your new FTYHFEFH carburetor. This carburetor is designed as a direct replacement for the Craftsman M250 21-inch Self-Propelled Mower, model CMXGMAM1125503. Please read this manual thoroughly before attempting any installation or maintenance to ensure proper function and safety.

Safety Information

Always observe safety precautions when working with internal combustion engines and fuel systems. Failure to do so can result in serious injury or property damage.

- Ensure the engine is cool and the spark plug wire is disconnected before beginning any work.
- Work in a well-ventilated area.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Handle gasoline with extreme care. It is highly flammable.
- Keep children and pets away from the work area.

Package Contents

Your package includes the FTYHFEFH carburetor, exactly as pictured. Please verify all components are present and undamaged upon receipt.



Image: Front view of the FTYHFEFH carburetor, showing the fuel bowl and primary intake.

Compatibility

This FTYHFEFH carburetor is a direct replacement part specifically designed for the **Craftsman M250 21-inch Self-Propelled Mower** with model number **CMXGMAM1125503**. It meets original factory specifications for dimensions and performance standards.

Setup and Installation

The installation process is designed to be straightforward, typically not requiring special tools beyond basic hand tools. Follow these steps carefully:

1. **Preparation:** Ensure the mower engine is off and cool. Disconnect the spark plug wire to prevent accidental starting. Turn off the fuel supply valve, if present, and drain the fuel tank if necessary.
2. **Remove Air Filter Assembly:** Locate and remove the air filter housing and air filter. This will expose the carburetor.
3. **Disconnect Linkages and Fuel Line:** Carefully disconnect the throttle and choke linkages from the old carburetor. Note their positions for reassembly. Disconnect the fuel line from the carburetor, being prepared for minor fuel spillage.

4. **Remove Old Carburetor:** Unbolt the old carburetor from the engine. There are typically two nuts holding it in place. Remove any gaskets.
5. **Install New Carburetor:** Place new gaskets (if supplied, or use existing ones if in good condition) onto the mounting studs. Position the new FTYHFEFH carburetor onto the studs, ensuring it seats correctly.



Image: Side view of the FTYHFEFH carburetor, highlighting the throttle and choke linkage points.

6. **Secure Carburetor:** Reinstall the mounting nuts and tighten them evenly, but do not overtighten.
7. **Reconnect Components:** Reattach the fuel line to the new carburetor. Reconnect the throttle and choke linkages to their correct positions.



Image: Top view of the FTYHFEFH carburetor, showing the air intake and internal components.

8. **Reinstall Air Filter Assembly:** Reattach the air filter housing and install a clean air filter.
9. **Final Checks:** Double-check all connections for tightness and ensure no fuel leaks are present. Reconnect the spark plug wire.

Operating Instructions

After installation, the carburetor should be ready for operation. No complex adjustments are typically required for this direct replacement part.

- **Fueling:** Ensure the mower has fresh, clean gasoline.
- **Starting:** Follow your mower's manufacturer instructions for starting the engine. This usually involves setting the choke and throttle.
- **Initial Run:** Allow the engine to run for a few minutes to warm up and circulate fuel. The engine should idle smoothly.

Maintenance

Proper maintenance extends the life of your carburetor and ensures optimal engine performance.

- **Fuel Quality:** Always use fresh, clean, and stabilized gasoline. Stale or contaminated fuel is a primary cause of carburetor issues.
- **Fuel Filter:** Regularly check and replace the fuel filter according to your mower's maintenance schedule.
- **Air Filter:** Keep the air filter clean to prevent dirt and debris from entering the carburetor.
- **Storage:** Before long-term storage, run the engine until it runs out of fuel, or drain the fuel system to prevent gumming and varnish buildup in the carburetor.

Troubleshooting

If you encounter issues after installing the new carburetor, consider the following common problems and solutions:

- **Engine Not Starting:**
 - Check fuel level and ensure fuel valve is open.
 - Verify spark plug is connected and in good condition.
 - Ensure choke is set correctly for starting.
 - Check for proper fuel flow to the carburetor.
- **Engine Runs Rough/Stalls:**
 - Ensure air filter is clean and properly installed.
 - Check for vacuum leaks around carburetor gaskets.
 - Verify fuel quality and fuel filter condition.
- **Fuel Leaks:**
 - Check all fuel line connections for tightness.
 - Inspect carburetor bowl gasket for proper seating and damage.

If problems persist, consult a qualified small engine technician.

Specifications

Brand	FTYHFEFH
Compatible Mower Model	Craftsman M250 21" Self-Propelled Mower (CMXGMAM1125503)
Item Weight	1 pound
Product Dimensions	1 x 1 x 1 inches
UPC	779824710081

Warranty Information

For specific warranty details regarding your FTYHFEFH carburetor, please refer to the product packaging or contact the manufacturer directly. Warranty terms typically cover manufacturing defects.

Customer Support

If you have questions or require assistance with your FTYHFEFH carburetor, please contact the seller or manufacturer through the platform where the purchase was made. Provide your product model number (CMXGMAM1125503) and purchase details for efficient support.

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