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› ACTIVLIFE Carburetor Kit Instruction Manual for Craftsman 917.376655 Lawn Mower

ACTIVLIFE 917.376655

ACTIVLIFE Carburetor Kit Instruction Manual

For Craftsman Model 917.376655 Lawn Mower with 6.25hp 190cc Engine

1. INTRODUCTION

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of your ACTIVLIFE Carburetor Kit. This kit is specifically designed for Craftsman Model 917.376655 Lawn Mowers equipped with a 6.25hp 190cc engine. Proper installation and maintenance will ensure optimal engine performance and longevity.

2. SAFETY INFORMATION

WARNING: Always prioritize safety when working with power equipment and fuel. Failure to follow these safety guidelines may result in serious injury or property damage.

- Ensure the lawn mower 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 gloves and eye protection.
- Handle fuel with extreme care. Do not smoke or use open flames near fuel.
- Dispose of old parts and fuel responsibly according to local regulations.
- If you are unsure about any step, consult a qualified service technician.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your ACTIVLIFE Carburetor Kit. Refer to the image below for visual identification.



Image 1: Complete ACTIVLIFE Carburetor Kit. This image displays all included components: the main carburetor assembly, a spark plug, a red fuel shut-off valve, a black fuel line, a red inline fuel filter, a red primer bulb, a black O-ring, a black gasket, a rectangular paper air filter with a blue frame, and a rectangular foam pre-filter.

- Carburetor Assembly (1)
- Spark Plug (1)
- Fuel Shut-off Valve (1)
- Fuel Line (1)
- Inline Fuel Filter (1)
- Primer Bulb (1)
- Gaskets (various, including carburetor gasket and O-ring)
- Paper Air Filter (1)
- Foam Pre-filter (1)

4. INSTALLATION (SETUP)

Follow these steps carefully to install the ACTIVLIFE Carburetor Kit components. Refer to your lawn mower's original service manual for specific component locations and additional details if needed.

1. Prepare the Mower:

- Ensure the engine is cool.
- Disconnect the spark plug wire.
- Drain the fuel tank into an approved container or clamp the fuel line to prevent spills.

2. Remove Old Carburetor:

- Locate the air filter housing and remove it.
- Disconnect the fuel line from the carburetor.
- Carefully disconnect any linkages or springs attached to the carburetor. Take photos if necessary to remember their positions.
- Unbolt the old carburetor from the engine. Note the position of any gaskets.
- Remove and discard the old carburetor and associated gaskets.

3. Install New Carburetor:

- Clean the mounting surface on the engine block.
- Place the new gasket(s) in the correct position.
- Mount the new ACTIVLIFE carburetor onto the engine, ensuring all linkages and springs are correctly reconnected.
- Secure the carburetor with the bolts, tightening them evenly.
- Reconnect the fuel line to the new carburetor. If replacing the fuel line and filter, do so now.

4. Replace Fuel System Components:

- If replacing the fuel line, cut it to the appropriate length and connect it securely between the fuel tank, new fuel shut-off valve, new inline fuel filter, and the carburetor. Ensure the fuel filter is oriented correctly (arrow points towards the carburetor).
- Replace the old primer bulb with the new one if applicable.

5. Replace Spark Plug:

- Remove the old spark plug using a spark plug wrench.
- Install the new spark plug, hand-tightening first, then tightening with a wrench an additional 1/4 to 1/2 turn. Do not overtighten.

6. Install Air Filters:

- Place the foam pre-filter over the paper air filter.
- Install the new air filter assembly into the air filter housing.
- Reattach the air filter housing.

7. Final Checks:

- Ensure all connections are secure and there are no fuel leaks.
- Reconnect the spark plug wire.
- Refill the fuel tank with fresh, appropriate fuel.

5. OPERATION

After successful installation of the carburetor kit, the lawn mower engine should start and run smoothly. The carburetor is designed to provide the correct fuel-air mixture for optimal combustion. If the engine does not start or runs poorly, refer to the Troubleshooting section.

6. MAINTENANCE

Regular maintenance of your engine components is crucial for consistent performance. The components in this kit are wear items and should be inspected and replaced periodically.

- **Air Filter:** Inspect the air filter and foam pre-filter every 25 hours of operation or annually, whichever comes first. Clean the foam pre-filter with warm, soapy water, rinse, and allow to air dry. Replace both filters if they are excessively dirty or damaged.
- **Spark Plug:** Inspect the spark plug annually or every 50 hours. Clean or replace if electrodes are fouled or worn. Ensure the gap is set to the manufacturer's specification for your engine.
- **Fuel Filter:** Replace the inline fuel filter annually or if fuel flow appears restricted.
- **Fuel Lines:** Inspect fuel lines for cracks, leaks, or hardening annually. Replace if any damage is observed.

7. TROUBLESHOOTING

If your lawn mower experiences issues after installing the ACTIVLIFE Carburetor Kit, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine will not start	No fuel or stale fuel	Check fuel level; use fresh fuel.
	Spark plug not firing	Check spark plug connection; replace if faulty.
	Fuel line clogged or kinked	Inspect fuel line and filter; clear or replace.
	Carburetor jets clogged	Clean carburetor or replace if necessary.
Engine runs rough or stalls	Dirty air filter	Clean or replace air filter.
	Improper fuel-air mixture	Ensure carburetor is properly installed and sealed.
	Loose connections	Check all fuel lines and electrical connections.
Fuel leaks	Loose fuel line connections	Tighten fuel line clamps.
	Damaged gaskets or O-rings	Inspect and replace any damaged gaskets or O-rings.

If these steps do not resolve the issue, it is recommended to consult a professional small engine mechanic.

8. SPECIFICATIONS

- **Product:** Carburetor Kit
- **Brand:** ACTIVLIFE
- **Compatibility:** Craftsman Model 917.376655 Lawn Mower
- **Engine Type:** 6.25hp 190cc
- **Part Type:** Engine Fuel System and Ignition Components

9. WARRANTY AND SUPPORT

ACTIVLIFE products are manufactured to high-quality standards. For information regarding warranty coverage or technical support, please refer to the product packaging or contact ACTIVLIFE customer service through your retailer's platform.

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