

ACTIVLIFE CC989 (12A-989Q709)

ACTIVLIFE Carburetor Replacement Kit Instruction Manual

For Cub Cadet CC989 (12A-989Q709) Lawn Mower

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of your new ACTIVLIFE carburetor replacement kit. This kit is specifically designed for Cub Cadet CC989 (model 12A-989Q709) lawn mowers to restore optimal engine performance and fuel efficiency. Please read these instructions thoroughly before proceeding with installation or use.

2. SETUP AND INSTALLATION

The ACTIVLIFE carburetor is engineered for a precise fit and easy installation. Before beginning, ensure your lawn mower is turned off, the spark plug wire is disconnected, and the engine is cool. Always wear appropriate safety gear, including gloves and eye protection.

1. **Visual Inspection:** Carefully inspect all components of the replacement kit against your existing parts and the provided images to ensure compatibility and completeness.
2. **Fuel Drainage:** Drain all fuel from the mower's fuel tank into an approved container.
3. **Remove Old Carburetor:** Disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Remove the mounting bolts and carefully detach the old carburetor. Note the orientation of all gaskets and linkages for reassembly.
4. **Install New Carburetor:** Place new gaskets (included in the kit) in their correct positions. Mount the new ACTIVLIFE carburetor, ensuring all linkages are properly connected and the mounting bolts are securely tightened.
5. **Reconnect Fuel Line:** Attach the new fuel filter (included) to the fuel line and connect it to the carburetor. Secure with clamps if necessary.
6. **Install Air Filter:** Replace the old air filter with the new one provided in the kit. Ensure it is seated correctly in the air filter housing.
7. **Install Spark Plug:** Replace the old spark plug with the new one provided. Tighten to manufacturer specifications.
8. **Refuel and Test:** Refill the fuel tank with fresh, appropriate fuel. Reconnect the spark plug wire. Start the engine

and check for proper operation and any fuel leaks.



Image 1: The ACTIVLIFE carburetor replacement kit, including the carburetor, various gaskets, a fuel filter, fuel line, air filter, and a spark plug. This image illustrates all components necessary for a complete replacement.

3. OPERATING CONSIDERATIONS

After successful installation, your lawn mower's engine should operate smoothly and efficiently. The carburetor is a critical component for fuel delivery and air-fuel mixture. Proper operation relies on a clean fuel supply and a well-maintained air filter.

- **Engine Starting:** Follow your lawn mower's manufacturer instructions for starting. A properly installed carburetor should allow for easier starting and consistent idle.
- **Performance:** Expect improved engine response, consistent power output, and better fuel economy compared to a worn or faulty carburetor.
- **Fuel Quality:** Always use fresh, clean fuel as recommended by your mower's manufacturer. Stale or contaminated fuel can negatively impact carburetor performance.

4. MAINTENANCE

- Regular maintenance of your carburetor and associated components will ensure long-lasting performance and reliability.
- **Air Filter:** The air filter (included in the kit) should be inspected regularly and replaced as needed, typically every 25 hours of operation or annually, whichever comes first. A dirty air filter restricts airflow and can cause the engine to run rich.
 - **Fuel Filter:** The fuel filter (included in the kit) prevents debris from reaching the carburetor. Replace it annually or if you notice reduced fuel flow or engine performance issues.
 - **Spark Plug:** The spark plug (included in the kit) should be checked for wear and fouling. Replace it annually or as recommended by your mower's manual to ensure efficient ignition.
 - **Fuel System Cleaning:** Consider using a fuel stabilizer or cleaner, especially during storage periods, to prevent gum and varnish buildup in the carburetor.

5. TROUBLESHOOTING COMMON ISSUES

- If you encounter problems after installing the new carburetor, review the following common issues and solutions:
- **Engine Not Starting:**
 - Check fuel level and ensure fresh fuel is used.
 - Verify spark plug connection and condition.
 - Ensure choke and throttle linkages are correctly connected and operating freely.
 - Check for proper fuel flow through the fuel filter.
 - **Engine Runs Rough or Idles Poorly:**
 - Inspect the air filter for cleanliness.
 - Check for any air leaks around the carburetor gaskets.
 - Ensure all fuel lines are securely connected and not kinked.
 - **Loss of Power During Operation:**
 - Verify the fuel filter is not clogged.
 - Ensure the air filter is clean and unobstructed.
 - Check for proper throttle linkage movement.

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

6. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	ACTIVLIFE
Compatible Mower Model	Cub Cadet CC989 (12A-989Q709)
Compatible Engine Models	HRT216, HRR216, GCV160a, HRS216
ASIN	B0G6Y2MQ95

7. WARRANTY AND SUPPORT

For any questions regarding the ACTIVLIFE carburetor replacement kit, or for assistance with installation and troubleshooting beyond the scope of this manual, please contact ACTIVLIFE customer support. Keep your purchase receipt as proof of purchase for any warranty claims.

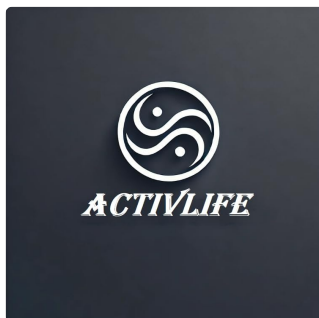


Image 2: The official ACTIVLIFE brand logo, representing quality and reliability in replacement parts.

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