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> ATRACYPART Carburetor Instruction Manual

ATRACYPART AP-MHYQ009

Carburetor Instruction Manual

Brand: ATRACYPART | Model: AP-MHYQ009

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of the ATRACYPART Carburetor, designed as a replacement part for Onan Cummins Microquiet 4000-Watt generators, specifically models 4KYFA26100, 4KYFA26100P, and 4KYFA26100K. It replaces part numbers A042P619, A041D736, 146-0785, 146-0635, 146-0703, 146-0742, 146-0803, 146-0743, and 146-0759.

The carburetor is engineered to ensure optimal engine performance, fuel-air mixture, and smooth operation, preventing issues such as oil starvation or fuel spillage. It is constructed from high-quality materials for durability and reliability.

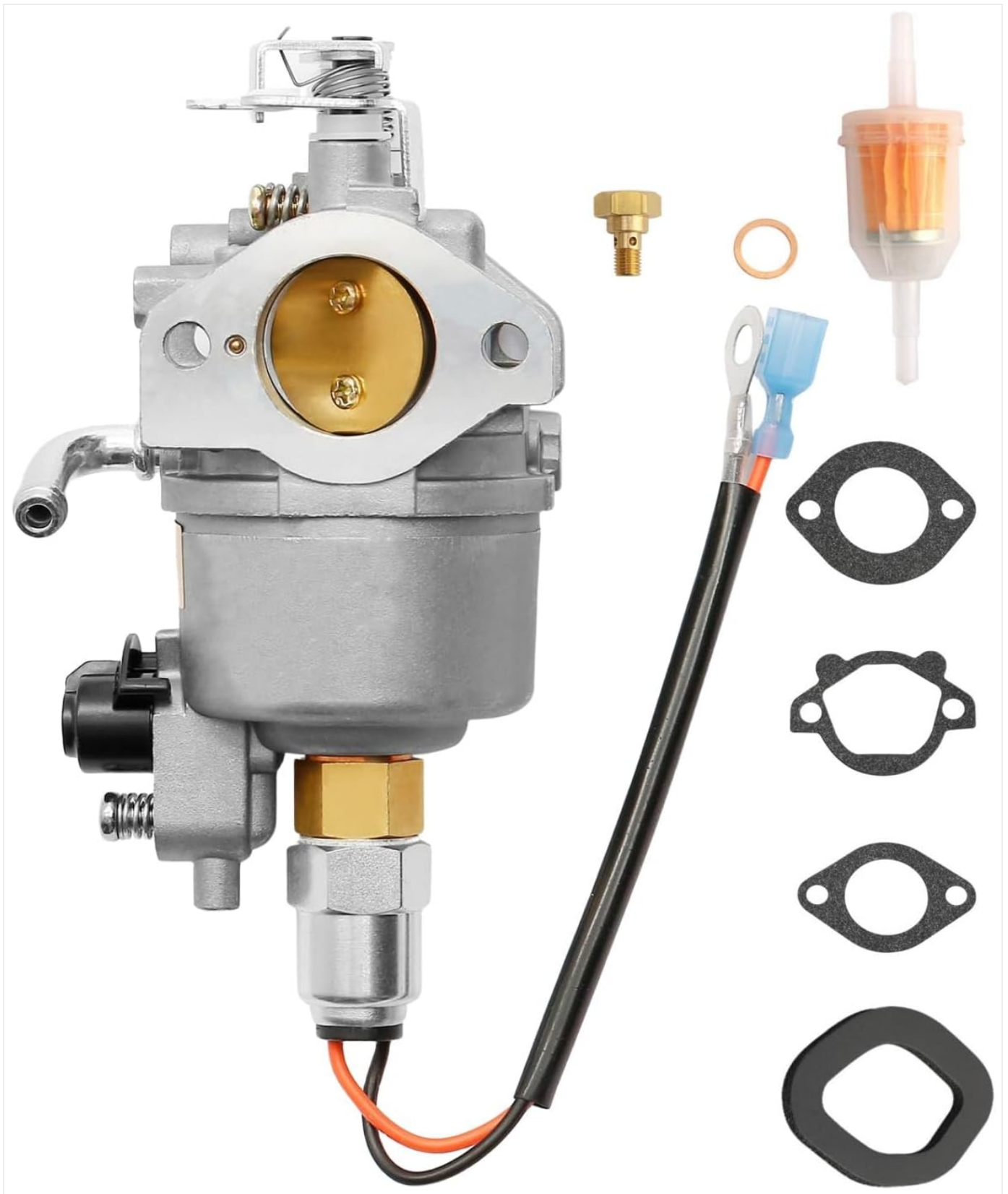


Image 1.1: The ATRACYPART Carburetor, including the main unit, fuel filter, and various gaskets.

2. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The package typically includes:

- 1 x Carburetor Assembly
- Multiple Gaskets (various shapes for different mounting points)
- 1 x Fuel Filter
- 1 x Fuel Shut-off Valve (if included in kit)

- Hose Clamps (if included in kit)
- Additional small components (e.g., brass fitting, washer)



Image 2.1: A visual representation of the carburetor and accompanying accessories included in the package.

3. INSTALLATION

Safety First: Before beginning any installation, ensure the generator is turned off, cooled down, and disconnected from any power source. Disconnect the battery if applicable. Wear appropriate personal protective equipment, including gloves and eye protection.

Carburetor replacement can be a complex task, often requiring access to confined spaces. It is recommended to consult a service manual specific to your generator model or seek professional assistance if you are unfamiliar with the procedure.

3.1. Preparation

1. Locate the existing carburetor on your Onan Cummins Microquiet 4000-Watt generator.
2. Carefully disconnect the fuel lines, air filter housing, and any electrical connections or linkages attached to the

carburetor. Be prepared for minor fuel spills.

3. Remove the mounting bolts securing the old carburetor to the engine. Note the orientation of all components for reassembly.

3.2. Carburetor Replacement

1. Clean the mounting surface on the engine to ensure a proper seal with the new gaskets.
2. Install the new gaskets provided with the ATRACYPART carburetor. Ensure they are correctly aligned.
3. Mount the new carburetor onto the engine, carefully aligning it with the mounting studs or bolt holes.
4. Secure the carburetor with the mounting bolts. Tighten them evenly to prevent warping the carburetor body or creating leaks.
5. Reconnect all fuel lines, ensuring they are securely clamped. If your kit includes a fuel shut-off valve, install it in the fuel line for easier future maintenance.
6. Reconnect all electrical connections and throttle/choke linkages. Verify that the linkages move freely and operate the carburetor's components correctly.
7. Reinstall the air filter housing and any other components removed during disassembly.

COMPATIBLE WITH

Onan Cummins Microquiet 4000-Watt

4KYFA26100

4KYFA26100P

4KYFA26100K

REPLACES NUMBER

A042P619 146-0742

146-0785 146-0803

A041D736 146-0743

146-0635 146-0759

146-0703

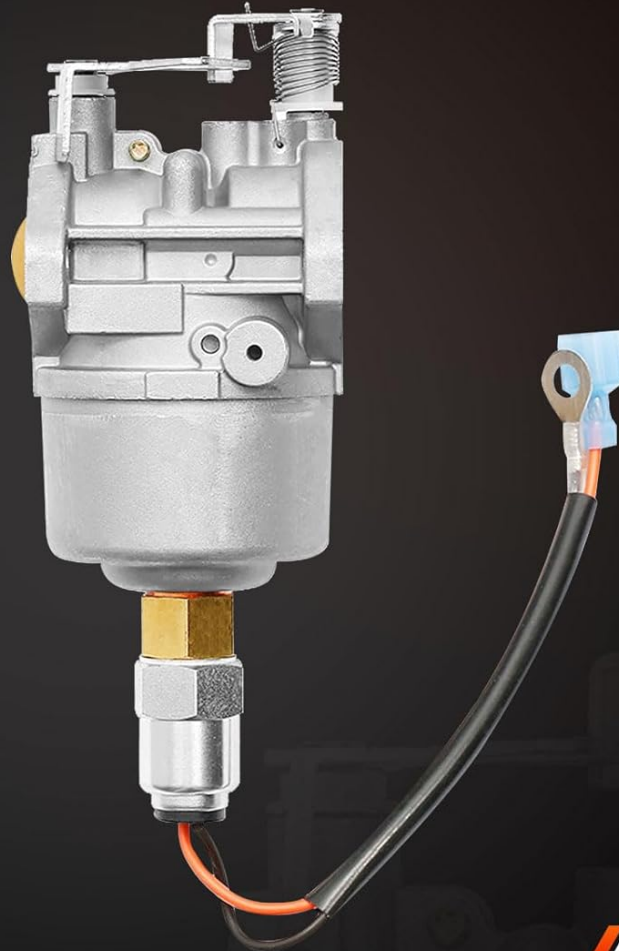


Image 3.1: Diagram showing compatibility with Onan Cummins Microquiet 4000-Watt models and corresponding replacement part numbers.

4. OPERATING

After installation, ensure all connections are secure and there are no fuel leaks. Before starting the generator, check the oil level and fuel supply.

1. If a fuel shut-off valve was installed, ensure it is in the "open" position.
2. Engage the choke if required by your generator's starting procedure.
3. Start the generator according to the manufacturer's instructions.
4. Once the engine starts, gradually disengage the choke as the engine warms up.
5. Monitor the engine's idle speed and overall performance. Minor adjustments to the governor or idle screw may be necessary to achieve optimal running conditions. Refer to your generator's service manual for specific adjustment procedures.



Image 4.1: Key features of the carburetor, including excellent durability, enhanced horsepower, improved performance, stable idle speed

5. MAINTENANCE

Regular maintenance of your carburetor is crucial for prolonging its lifespan and ensuring consistent generator performance. Fuel quality is a significant factor in carburetor longevity.

- **Fuel Management:** When storing the generator for extended periods, it is highly recommended to shut off the fuel supply and allow the engine to run until the carburetor runs dry. This prevents fuel from stagnating and causing clogs or corrosion within the carburetor's delicate components.
- **Fuel Filter Replacement:** Periodically inspect and replace the fuel filter to ensure clean fuel delivery to the carburetor. A clogged fuel filter can restrict fuel flow and lead to poor engine performance.
- **Air Filter Inspection:** Ensure the air filter is clean and free of debris. A dirty air filter can restrict airflow, leading to a rich fuel mixture and inefficient combustion.
- **General Cleaning:** If performance issues arise, a thorough cleaning of the carburetor may be necessary. This typically involves disassembling the carburetor and cleaning jets and passages with carburetor cleaner. This task should only be performed by individuals with appropriate mechanical knowledge.

6. TROUBLESHOOTING

If your generator experiences issues after carburetor replacement, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine floods / Runs too rich	Incorrect float level, stuck float, faulty needle valve, incorrect jetting, or improper gasket sealing.	Verify float level, inspect needle valve, ensure gaskets are properly seated and not obstructing air passages. If issues persist, professional inspection of internal components may be required.
Engine runs rough / Surging	Clogged jets, air leaks around gaskets, improper idle mixture adjustment, or governor issues.	Clean carburetor jets, check for air leaks (e.g., with carb cleaner spray), adjust idle mixture screw, or adjust governor settings according to generator manual.
Engine will not start or dies shortly after starting	No fuel, restricted fuel flow, incorrect choke operation, or improperly connected linkages.	Check fuel level and fuel shut-off valve position. Ensure fuel filter is not clogged. Verify choke operates correctly and all linkages are securely connected and moving freely.

For persistent issues, it is advisable to consult a qualified technician or refer to the specific service manual for your generator model.

7. SPECIFICATIONS

Feature	Detail
Brand	ATRACYPART
Model Number	AP-MHYQ009
Flange Type	Bolt On

Feature	Detail
Fuel Type	Gasoline
Specific Uses	Performance, Power
Product Dimensions (D x W x H)	4.45"D x 5.31"W x 4.05"H
Item Weight	1.04 pounds

8. WARRANTY AND SUPPORT

ATRACYPART offers a **24-month warranty** on this carburetor assembly. If you encounter any issues or are not fully satisfied with the product for any reason, please contact ATRACYPART directly through the Amazon messaging system for assistance, replacement, or refund.

For further support or technical inquiries, refer to the contact information provided by ATRACYPART on their official store page or product packaging.

