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> KIMISS Carburetor Instruction Manual for 2Kw 3Kw Generators (Compatible with GX160, GX200, 168F Engines)

## KIMISS KIMISSa3yhoidngr

# KIMISS Carburetor Instruction Manual for 2Kw 3Kw Generators

Compatible with GX160, GX200, 168F Engines

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your new KIMISS carburetor. This carburetor is designed to deliver the precise fuel-air mixture required for the normal operation of 2Kw and 3Kw generators, as well as other equipment utilizing GX160, GX200, and 168F engines. Please read this manual thoroughly before attempting any installation or operation to ensure safe and efficient use.

## PRODUCT OVERVIEW

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The KIMISS carburetor is a vital component for your engine's fuel system, ensuring optimal performance by regulating the fuel-air mixture. This kit includes the carburetor, necessary gaskets, and an isolator for a complete replacement solution.



Figure 1: Front view of the KIMISS carburetor, highlighting its main body and fuel inlet.

### Key Features:

- **Optimized Fuel Delivery:** Produces the correct fuel-air mixture for stable engine operation.
- **Wide Compatibility:** Suitable for 2Kw/3Kw generators and engines such as GX160, GX200, and 168F.
- **Versatile Application:** Can be used in general generators, water pumps, lawnmowers, sprayers, and air compressors.
- **Complete Kit:** Includes carburetor, gaskets, and isolator for straightforward replacement.
- **Compact Design:** Small size for easy handling and installation.

### SETUP AND INSTALLATION

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Proper installation is crucial for the carburetor's performance. Follow these steps carefully:

1. **Safety First:** Ensure the engine is turned off and cooled down. Disconnect the spark plug wire to prevent accidental starting.
2. **Drain Fuel:** Close the fuel valve and drain any remaining fuel from the fuel tank and fuel line.
3. **Remove Air Filter:** Detach the air filter housing and air filter element to access the old carburetor.
4. **Disconnect Linkages:** Carefully disconnect the throttle and choke linkages from the old carburetor. Note their positions for reassembly.
5. **Remove Fuel Line:** Disconnect the fuel line from the carburetor. Be prepared for any residual fuel.
6. **Unbolt Old Carburetor:** Remove the mounting bolts that secure the old carburetor to the engine.
7. **Install New Carburetor:** Place the new gaskets and isolator (included in the kit) in their correct positions between the engine and the new carburetor. Mount the new KIMISS carburetor and secure it with the bolts.
8. **Reconnect Components:** Reattach the fuel line, throttle, and choke linkages. Ensure all connections are secure and move freely.
9. **Reinstall Air Filter:** Place the air filter element and housing back onto the carburetor.
10. **Refill Fuel:** Open the fuel valve and refill the fuel tank with fresh, appropriate fuel.
11. **Reconnect Spark Plug:** Reconnect the spark plug wire.



Figure 2: Intake port of the carburetor, showing where it connects to the engine's air filter assembly.





Figure 3: Side view of the carburetor, illustrating the choke lever mechanism and mounting points.

## OPERATING INSTRUCTIONS

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Once the carburetor is installed, follow your engine's specific starting procedure. The carburetor automatically adjusts the fuel-air mixture based on engine demand. Ensure the choke lever is used correctly during cold starts.

- **Cold Start:** Move the choke lever to the 'Choke' or 'Closed' position. Pull the starter cord (or engage electric start) until the engine fires. Gradually move the choke lever to the 'Run' or 'Open' position as the engine warms up.
- **Warm Start:** The choke may not be necessary. Start the engine directly in the 'Run' position.
- **Engine Speed:** The throttle linkage controls engine speed. Adjust as needed for your application.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your carburetor.

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel can clog the carburetor.
- **Fuel Filter:** Inspect and replace the fuel filter regularly to prevent debris from reaching the carburetor.
- **Air Filter:** Clean or replace the air filter as recommended by your engine manufacturer to ensure proper air intake.
- **Carburetor Cleaning:** If the engine runs poorly, the carburetor may need cleaning. This typically involves disassembling the float bowl and jets to remove any varnish or debris. It is recommended to use a carburetor cleaner spray.

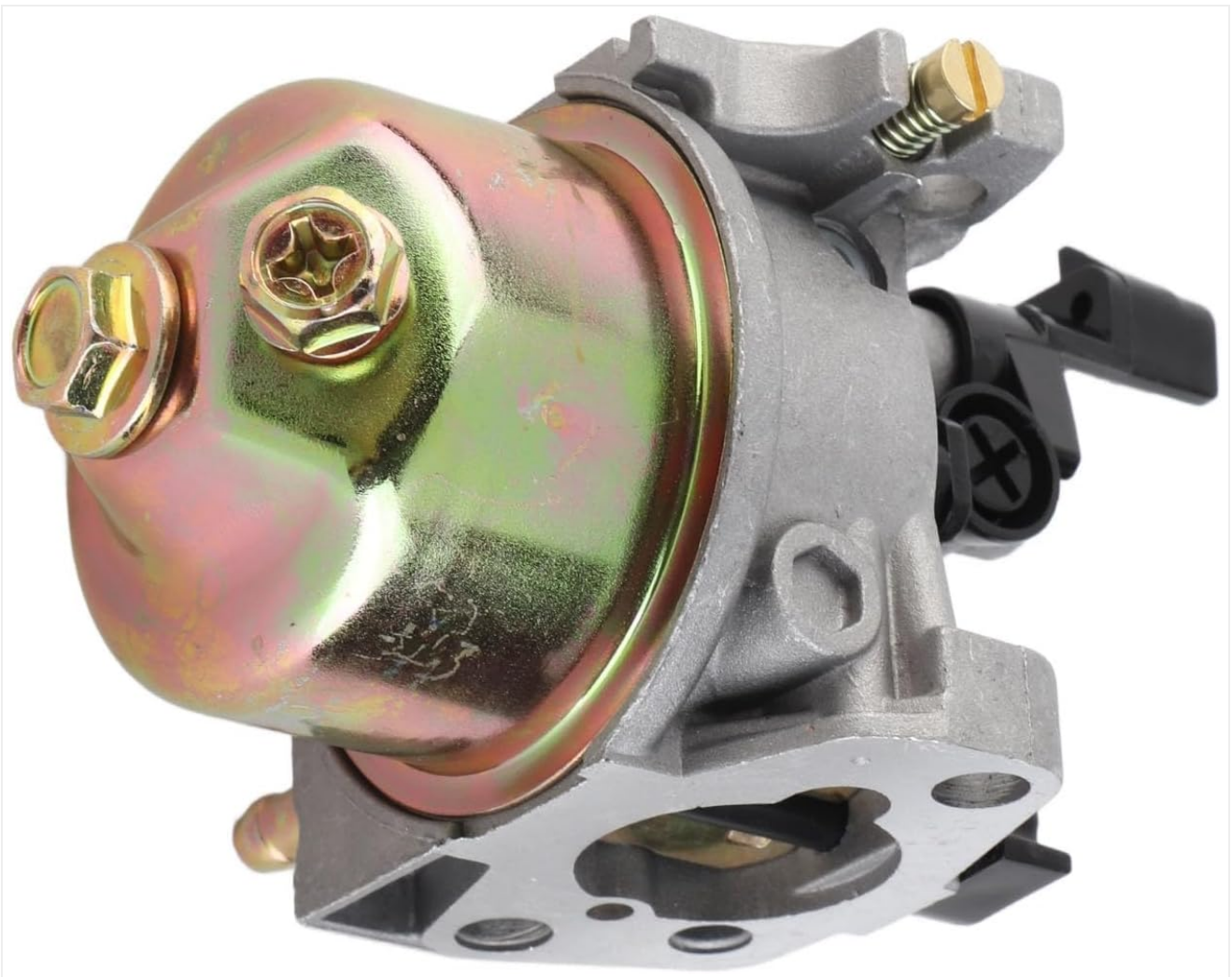


Figure 4: Bottom view of the carburetor, showing the float bowl which can be removed for cleaning.

## TROUBLESHOOTING

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Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel line/filter, clogged carburetor jet, incorrect choke position.	Check fuel level, clean/replace fuel filter, clean carburetor, adjust choke.
Engine runs rough/stalls	Dirty carburetor, incorrect fuel-air mixture, old/stale fuel.	Clean carburetor, use fresh fuel, check for air leaks.
Engine lacks power	Partially clogged carburetor, dirty air filter.	Clean carburetor, clean/replace air filter.
Fuel leaks from carburetor	Damaged float, worn needle valve, loose float bowl.	Inspect/replace float and needle valve, tighten float bowl screws.

## SPECIFICATIONS

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Feature	Detail
Brand	KIMISS
Model Number	KIMISSa3yhoidngr
Compatibility	GX160, GX200, 168F Engines
Generator Power Output	2Kw / 3Kw (Maximum power approx. 2Kw)
Product Dimensions (L x W x H)	13 x 9 x 8 cm
Product Weight	260 grams
Included Components	1 x Carburetor, 1 x Isolator, 3 x Gaskets
Country of Origin	China

## WARRANTY INFORMATION

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Specific warranty details for this KIMISS carburetor are not provided in the product information. Please refer to your purchase documentation or contact the retailer for information regarding warranty coverage and terms.

## SUPPORT INFORMATION

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For technical assistance or further inquiries regarding your KIMISS carburetor, please contact your original point of purchase or refer to the support channels provided by the retailer. Ensure you have your product model number (KIMISSa3yhoidngr) and purchase details available when seeking support.

