

BlesConi UUU0023067001

BlesConi Garden Multi-Tool Carburetor Instruction Manual

For 22cc-36cc 2-Stroke Engines (Model UUU0023067001)

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your BlesConi Mechanical Carburetor. This carburetor is designed for 22cc-36cc 2-stroke garden multi-tool engines, including models 32F, 34F, 36F, and TU26, compatible with various brands such as Zama and Belitong. Please read this manual thoroughly before attempting any installation or operation to ensure safe and efficient use of the product.

2. PRODUCT OVERVIEW

The BlesConi Mechanical Carburetor is a high-quality replacement part crafted from durable aluminum alloy, engineered to enhance the performance of compatible 2-stroke engines. Its flat suction plunger design ensures stable airflow and fuel mixture, contributing to reliable engine operation.

Key Features:

- **Enhanced Compatibility:** Designed for carb brushcutter engines from 22cc to 36cc, including models 32F, 34F, 36F, TU26, and G32F setups.
- **Performance Upgrade:** Calibrated for improved response and smoother power delivery in stock or lightly modified engines.
- **Accurate Fit Specifications:** Features a flat suction plunger design, 11mm venturi tube side opening, and precise 31mm bolt hole spacing for straightforward installation.
- **Robust Mechanism:** Constructed from aluminum alloy for durability and consistent performance under various load conditions.
- **Consistent Results:** Promotes reliable starting, steady idle, and smooth acceleration without complex tuning.



Figure 2.1: Front view of the BlesConi Mechanical Carburetor, showing the primer bulb and fuel lines.



Figure 2.2: Side view of the carburetor, highlighting the mounting bracket and adjustment screws.



Figure 2.3: The carburetor shown in a typical application, demonstrating its use in garden multi-tools.

3. SPECIFICATIONS

Specification	Detail
Type	Mechanical Carburetor
Material	Aluminum Alloy
Structure	Flat Suction Plunger Carburetor
Venturi Tube Side Opening	11mm
Bolt Hole Spacing	31mm
Compatible Engine Models	32F, 34F, 36F, TU26
Applicable Engine Displacement	22cc, 26cc, 33cc, 34cc, 36cc (2-stroke)
Brand	BlesConi

Specification	Detail
Model Number	UUU0023067001

4. SETUP AND INSTALLATION

Safety First: Always ensure the engine is turned off and cooled down before beginning any installation or maintenance. Disconnect the spark plug wire to prevent accidental starting. Wear appropriate safety gear, including gloves and eye protection.

- 1. Preparation:** Gather necessary tools (e.g., screwdrivers, wrenches) and ensure you have a clean workspace.
- 2. Remove Old Carburetor:** Carefully disconnect fuel lines, throttle linkage, and mounting bolts from the old carburetor. Note the orientation and connections for reassembly.
- 3. Inspect Gaskets:** Check if new gaskets are required or if the existing ones are in good condition. It is recommended to use new gaskets for a proper seal.
- 4. Install New Carburetor:** Position the BlesConi carburetor, ensuring the gaskets are correctly seated. Secure it with the mounting bolts, tightening them evenly to prevent warping.
- 5. Connect Fuel Lines:** Reconnect the fuel lines to the appropriate inlets/outlets on the new carburetor. Ensure connections are secure and free of leaks.
- 6. Connect Throttle Linkage:** Attach the throttle linkage, ensuring smooth operation without binding.
- 7. Final Checks:** Double-check all connections, ensuring everything is tight and correctly routed.

Note: For detailed, engine-specific installation instructions, refer to your engine's original service manual.

5. OPERATING INSTRUCTIONS

This carburetor is designed to provide reliable fuel delivery to your 2-stroke engine. Proper operation involves correct fuel mixture and starting procedures.

Fuel Mixture:

Always use the correct fuel-to-oil mixture specified by your engine manufacturer. Using an incorrect mixture can lead to engine damage. Typically, 2-stroke engines require a specific ratio of gasoline to 2-stroke engine oil.

Starting Procedure (General):

- 1. Prime the Carburetor:** Press the primer bulb several times until fuel is visible in the bulb and flows freely, indicating the carburetor is primed.
- 2. Set Choke:** Move the choke lever to the 'FULL CHOKE' position (usually closed).
- 3. Start Engine:** Pull the starter cord firmly until the engine attempts to start or fires once.
- 4. Open Choke:** Once the engine fires or starts, immediately move the choke lever to the 'HALF CHOKE' or 'RUN' position.
- 5. Warm-up:** Allow the engine to warm up for a few moments before applying full throttle.

Note: Cold starting may require more priming or choke time. Consult your engine's specific operating manual for precise starting procedures.

6. MAINTENANCE

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

Cleaning the Carburetor:

- Periodically inspect the exterior of the carburetor for dirt, debris, or fuel leaks.
- If the engine experiences performance issues, the carburetor may need internal cleaning. This typically involves disassembling the carburetor, cleaning jets and passages with carburetor cleaner, and replacing gaskets if necessary. This task is recommended for experienced users or professional technicians.

Fuel System Checks:

- Inspect fuel lines for cracks, hardening, or leaks. Replace damaged lines promptly.
- Check the fuel filter (if applicable) and clean or replace it as needed to prevent contaminants from reaching the carburetor.
- Always use fresh, properly mixed fuel. Stale fuel can cause carburetor clogging and engine issues.

7. TROUBLESHOOTING

If your engine experiences issues, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Engine will not start	No fuel, incorrect choke, fouled spark plug, clogged fuel filter, carburetor issues	Check fuel level and mixture, ensure choke is set correctly, inspect/replace spark plug, clean/replace fuel filter, clean carburetor.
Engine runs rough or stalls	Improper fuel mixture, dirty air filter, carburetor adjustments needed, vacuum leak	Verify fuel mixture, clean/replace air filter, adjust idle/mixture screws (if accessible), check for loose connections.
Loss of power	Clogged fuel filter, dirty carburetor, restricted exhaust, incorrect fuel mixture	Clean/replace fuel filter, clean carburetor, check exhaust for blockages, ensure correct fuel mixture.
Fuel leaks	Loose fuel lines, damaged gaskets, cracked primer bulb	Tighten fuel line clamps, replace damaged gaskets, replace primer bulb.

If problems persist after attempting these troubleshooting steps, it is recommended to consult a qualified service technician.

8. WARRANTY AND SUPPORT

For warranty information and customer support regarding your BlesConi Mechanical Carburetor, please refer to your purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.

When contacting support, please provide the product model number (UUU0023067001) and a detailed description of the issue.

