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› [HOQO 6698373 Carburetor Kit for Hitachi RB24EA, RB24EAP, RB24EA \(S\) Leaf Blowers - Installation and Maintenance Guide](#)

HOQO RB24EA, RB24EAP, RB24EA (S)

HOQO 6698373 Carburetor Kit Instruction Manual

For Hitachi 23.9cc RB24EA, RB24EAP, RB24EA (S) Leaf Blowers

1. PRODUCT OVERVIEW

This HOQO 6698373 Carburetor Kit is designed as a replacement part for specific Hitachi leaf blower models. It includes essential components required for fuel delivery and air filtration, aiming to restore optimal engine performance.



Image 1.1: Overview of the HOQO 6698373 Carburetor Kit, showing the carburetor, fuel lines, air filters, spark plug, and gaskets.

2. COMPATIBILITY

This carburetor kit is compatible with the following Hitachi 23.9cc leaf blower models:

- Hitachi RB24EA
- Hitachi RB24EA (S)
- Hitachi RB24EAP

The manufacturer part number replaced by this kit is **6698373**. Please verify your existing carburetor and model number against the images and specifications provided before purchase to ensure proper fitment.

3. PACKAGE CONTENTS

The HOQO 6698373 Carburetor Kit typically includes the following components:

- 1x Carburetor
- 2x Air Filters
- 1x Fuel Line Kit with Grommet and Fuel Filter
- 1x Primer Bulb
- 2x Gaskets

- 1x Spark Plug



Special Attention

Amazon Compatibility is not 100% accurate and it is for search purpose only . Before purchase, please carefully compare the pictures , models, and OEM part number.

To verify proper fitment , also you can email us your old parts photo/model number to confirm

Image 3.1: All components of the HOQO 6698373 Carburetor Kit, including the carburetor, air filters, fuel lines, primer bulb, gaskets, and spark plug.

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Video 3.1: A detailed view of the components included in the 6698373 Carburetor Kit for Hitachi Tanaka RB24EAP 23.9cc Blower.

4. INSTALLATION

Disclaimer: Carburetor replacement can be complex. If you are not comfortable performing this procedure, it is recommended to seek assistance from a qualified technician. Always ensure the engine is cool and disconnected from any power source before beginning work.

4.1. General Steps for Carburetor Replacement

1. **Preparation:** Gather necessary tools (screwdrivers, pliers, wrench, fuel-resistant gloves, clean rags). Ensure the fuel tank is empty or drained.
2. **Access the Carburetor:** Remove the air filter cover and air filter. You may need to remove other components to gain full access to the carburetor.
3. **Disconnect Components:** Carefully disconnect the fuel lines, throttle linkage, and any other connections from the old carburetor. Note the routing of fuel lines for correct reinstallation.

4. **Remove Old Carburetor:** Unscrew the mounting bolts holding the carburetor to the engine. Remove the old carburetor and gaskets.
5. **Install New Gaskets:** Place the new gaskets in their correct positions between the engine, carburetor, and air filter housing.
6. **Install New Carburetor:** Mount the new carburetor, ensuring it is properly seated. Secure it with the mounting bolts, tightening them evenly.
7. **Reconnect Components:** Reconnect the throttle linkage and fuel lines to the new carburetor. Pay close attention to the fuel line connections (inlet and return).
8. **Replace Fuel Line Kit (if applicable):** If replacing the fuel line kit, carefully remove the old lines and grommet from the fuel tank. Install the new grommet and fuel lines, ensuring the fuel filter is at the end of the line inside the tank.
9. **Install New Air Filters and Spark Plug:** Replace the old air filters with the new ones. If included, replace the spark plug, ensuring the gap is correct.
10. **Final Assembly:** Reassemble any covers or components removed earlier.
11. **Test:** Refill the fuel tank with the correct fuel mixture. Prime the carburetor using the primer bulb until fuel is visible. Start the engine and check for leaks or abnormal operation. Adjust idle speed if necessary.

4.2. Visual Aids for Installation

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Video 4.1: Demonstration of the fuel line and air filter components, useful for understanding their assembly.

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Video 4.2: Overview of the air filter and fuel line kit, providing visual guidance for component identification and basic assembly.

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Video 4.3: A 360-degree view of the carburetor for Hitachi RB24EAP, showing various angles and connection points.

5. MAINTENANCE

Regular maintenance of your leaf blower's fuel and air systems is crucial for longevity and performance.

- **Air Filter:** Inspect and clean the air filter regularly, especially after heavy use. Replace it if it's excessively dirty or damaged. A clogged air filter can lead to poor engine performance and increased fuel consumption.
- **Fuel Filter:** The fuel filter should be replaced periodically, typically once a season or if you notice fuel delivery issues. A dirty fuel filter can restrict fuel flow to the carburetor.
- **Spark Plug:** Check the spark plug for wear and proper gap. Replace it if the electrode is fouled or worn. A new spark plug ensures efficient ignition.
- **Fuel Lines:** Inspect fuel lines for cracks, hardening, or leaks. Replace them if any damage is observed to prevent fuel leaks and ensure proper fuel flow.
- **Carburetor Cleaning:** If the engine runs poorly despite new filters and spark plug, the carburetor may need cleaning. This often involves disassembling the carburetor and cleaning jets and passages with carburetor cleaner.

6. TROUBLESHOOTING

Here are some common issues and potential solutions related to the carburetor and fuel system:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, fouled spark plug, incorrect fuel mixture, carburetor issues.	Check fuel level, replace fuel filter, replace spark plug, ensure correct fuel/oil mix, inspect carburetor.
Engine runs rough/stalls	Dirty air filter, clogged fuel filter, carburetor needs adjustment/cleaning, old fuel.	Clean/replace air filter, replace fuel filter, clean/adjust carburetor, use fresh fuel.
Lack of power	Clogged air filter, restricted exhaust, carburetor issues.	Clean/replace air filter, check exhaust for blockages, inspect carburetor.
Fuel leaks	Damaged fuel lines, loose connections, faulty primer bulb.	Inspect and replace damaged fuel lines, tighten connections, replace primer bulb.

7. SPECIFICATIONS

Feature	Detail
Brand	HOQO
Part Number	6698373
Compatibility	Hitachi 23.9cc RB24EA, RB24EA (S), RB24EAP Leaf Blowers
Kit Contents	Carburetor, Air Filters, Fuel Line Kit, Primer Bulb, Gaskets, Spark Plug