

[Manuals.plus](#) /

> [HURI](#) /

> HURI Carburetor and Fuel Line Kit Instruction Manual for Echo PB-400, PB-400E, LBB-4000 Backpack Blowers

HURI Carburetor Fuel Line Kit (WA55, WA55A/B, WA551 replacement)

HURI Carburetor and Fuel Line Kit Instruction Manual

For Echo PB-400, PB-400E, LBB-4000 Backpack Blowers (Replaces WA55 Series)

INTRODUCTION

This manual provides instructions for the HURI Carburetor and Fuel Line Kit. This kit is designed as a replacement part for specific Echo backpack blower models. Proper installation and maintenance are crucial for optimal performance and safety.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling fuel and engine components.
- Ensure the engine is cool and disconnected from the spark plug wire before performing any maintenance or installation.
- Work in a well-ventilated area.
- Keep fuel away from open flames or ignition sources.
- Refer to your Echo backpack blower's original owner's manual for specific safety precautions related to your equipment.

PACKAGE CONTENTS

Verify that all components are present in your package:

- 1x Carburetor
- 1x Fuel Filter
- 1x Spark Plug
- 1x Tank Vent
- 2x Fuel Lines (one yellow, one black)
- 2x Gaskets



This image displays the complete HURI Carburetor and Fuel Line Kit, featuring the main carburetor unit, a spark plug, a fuel filter, a tank vent, two distinct fuel lines (one yellow, one black), and two sealing gaskets.

COMPATIBILITY

This HURI Carburetor and Fuel Line Kit is a replacement for Walbro WA55, WA55A/B, and WA551 carburetors. It is compatible with the following Echo backpack blower models:

- Echo PB-400 (Serial Numbers 001001-054522 and 054523 and up)
- Echo PB-400E (Serial Numbers 001001-128095, 128096-249241, and 249242 and up)
- Echo LBB-4000 (After Serial Number 001001)

Please verify your blower's model and serial number to ensure compatibility before installation.

INSTALLATION INSTRUCTIONS

1. **Preparation:** Ensure the blower's engine is off and cool. Disconnect the spark plug wire. Drain any remaining fuel from the tank.
2. **Remove Air Filter and Housing:** Carefully remove the air filter cover and the air filter. Then, unbolt and remove the air filter housing to access the carburetor.

3. **Disconnect Fuel Lines:** Note the routing of the existing fuel lines. Disconnect them from the carburetor and the fuel tank.
4. **Remove Old Carburetor:** Unbolt the old carburetor from the engine manifold. Remove any old gaskets.
5. **Install New Gaskets:** Place the new gaskets in their correct positions between the engine manifold, the new carburetor, and the air filter housing.
6. **Install New Carburetor:** Mount the new HURI carburetor, ensuring it is properly seated with the gaskets. Secure it with the bolts.
7. **Connect Fuel Lines:** Route the new fuel lines (yellow and black) according to the original configuration. Connect them to the carburetor and the fuel tank. Ensure the fuel filter is attached to the end of the fuel line inside the tank.
8. **Install Tank Vent:** Replace the old tank vent with the new one if applicable.
9. **Replace Spark Plug:** Remove the old spark plug and install the new spark plug, tightening it to the manufacturer's specifications (refer to your blower's manual).
10. **Reassemble:** Reattach the air filter housing, air filter, and air filter cover. Reconnect the spark plug wire.



This image provides a detailed close-up of the HURI replacement carburetor, highlighting key features such as the fuel inlet, throttle linkage, and accessible adjustment screws.

INITIAL OPERATION AND ADJUSTMENT

After installation, perform the following steps:

1. **Refuel:** Fill the fuel tank with the appropriate fuel/oil mixture as specified by your blower's manufacturer.
2. **Prime:** Prime the carburetor by pressing the primer bulb several times until fuel is visible.

3. **Start Engine:** Follow your blower's starting procedure.
4. **Carburetor Adjustment (if necessary):** If the engine does not run smoothly, idles poorly, or lacks power, minor adjustments to the carburetor's high and low-speed screws may be required. Refer to your blower's original manual for specific adjustment procedures. Typically, these involve turning the screws in small increments (e.g., 1/8 turn) and testing performance.

MAINTENANCE

Regular maintenance of your blower and its components ensures longevity and optimal performance.

- **Fuel Filter:** Inspect the fuel filter periodically for clogs or debris. Replace it if it appears dirty or restricted.
- **Spark Plug:** Check the spark plug for wear, carbon buildup, or incorrect gap. Replace it annually or as needed.
- **Fuel Lines:** Inspect fuel lines for cracks, hardening, or leaks. Replace them immediately if any damage is observed.
- **Air Filter:** Clean or replace the air filter regularly to prevent dirt from entering the carburetor and engine.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine won't start	No fuel, clogged fuel filter, faulty spark plug, incorrect carburetor adjustment	Check fuel level, replace fuel filter, check/replace spark plug, adjust carburetor
Engine runs poorly/stalls	Clogged fuel filter, dirty air filter, incorrect carburetor adjustment, old fuel	Replace fuel filter, clean/replace air filter, adjust carburetor, use fresh fuel
Fuel leaks	Loose fuel lines, cracked fuel lines, improperly seated gaskets	Tighten connections, replace damaged fuel lines, ensure gaskets are correctly installed

SPECIFICATIONS

- **Product Type:** Carburetor and Fuel System Replacement Kit
- **Brand:** HURI
- **Replaces:** Walbro WA55, WA55A/B, WA551
- **Compatibility:** Echo PB-400, PB-400E, LBB-4000 Backpack Blowers
- **Package Weight:** Approximately 5.9 ounces (167 grams)
- **Package Dimensions:** Approximately 3.15 x 2.36 x 1.97 inches (8 x 6 x 5 cm)

WARRANTY AND SUPPORT

For warranty information or technical support regarding this HURI product, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

DISCLAIMER

This is a replacement part and not an original equipment manufacturer (OEM) product. While designed for compatibility, always exercise caution and consult your original equipment manual for detailed instructions and safety warnings.

