

echosari PB-755ST

ECHO PB-755ST 63.3cc Backpack Blower Instruction Manual

Model: PB-755ST

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INTRODUCTION

This manual provides essential information for the safe and efficient operation and maintenance of your ECHO PB-755ST 63.3cc Backpack Blower. Please read this manual thoroughly before operating the equipment and keep it for future reference.

The ECHO PB-755ST is designed for outstanding performance in various outdoor cleaning tasks. Key features include:

- 63.3 cc professional-grade, 2-stroke engine for powerful operation.
- Pleated, automotive-style air filter for superior filtration, ensuring engine longevity.
- Extra flexible tube for cold weather operation, maintaining flexibility in various conditions.
- Padded backrest and shoulder straps for enhanced operator comfort during extended use.
- Tube-mounted throttle with cruise control for convenient and consistent operation.

SAFETY INFORMATION

Always prioritize safety when operating power equipment. Read and understand all safety warnings and instructions provided in the full owner's manual before use. Key safety considerations include:

- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Ensure the work area is clear of bystanders, children, and pets.
- Operate the blower in well-ventilated areas to avoid inhaling exhaust fumes.

- Handle fuel with care, ensuring proper storage and refueling procedures to prevent fire hazards.
- Inspect the equipment before each use for any loose parts, damage, or blockages.
- Be aware of the Proposition 65 warning regarding potential exposure to chemicals known to cause cancer and birth defects or other reproductive harm.

PRODUCT COMPONENTS

Familiarize yourself with the main components of your ECHO PB-755ST Backpack Blower:



Image: Rear view of the ECHO PB-755ST Backpack Blower, highlighting the padded backrest and shoulder straps, the engine housing, and the flexible blower tube connection.

- **Engine:** 63.3 cc 2-stroke engine, providing the power for air movement.
- **Fuel Tank:** Located at the base, holds the mixed fuel.
- **Air Filter:** Automotive-style, located near the engine for air intake filtration.
- **Starter Handle:** Used to manually start the engine.
- **Choke Lever:** Controls the air-fuel mixture for starting a cold engine.
- **Primer Bulb:** Pumps fuel into the carburetor for easier starting.
- **Blower Tube:** Flexible tube that directs the airflow.

- **Tube-Mounted Throttle:** Control handle on the blower tube for adjusting engine speed, includes cruise control.
- **Backpack Harness:** Padded shoulder straps and backrest for comfortable carrying.

SETUP

Fueling the Blower

The ECHO PB-755ST uses a 2-stroke engine, requiring a specific mixture of gasoline and 2-stroke engine oil. Always use fresh, high-quality unleaded gasoline with an octane rating of 89 or higher, mixed with a premium 2-stroke engine oil at the ratio specified in your full owner's manual (typically 50:1). Do not use straight gasoline or automotive oil, as this will damage the engine.

- Ensure the engine is off and cool before refueling.
- Mix fuel in a separate, approved fuel container.
- Carefully pour the mixed fuel into the blower's fuel tank, avoiding spills.
- Securely fasten the fuel cap after refueling.

Assembly

Your blower may require minor assembly out of the box, typically involving attaching the flexible blower tube and nozzle sections. Refer to the detailed diagrams and instructions in your full owner's manual for proper assembly. Ensure all connections are secure and clamps are tightened to prevent air leaks during operation.

OPERATING INSTRUCTIONS

Starting the Engine (Cold Start)

1. Place the blower on a flat, stable surface.
2. Move the choke lever to the "CLOSED" (cold start) position.
3. Press the primer bulb 8-10 times, or until fuel is visible in the return line.
4. Pull the starter handle firmly and smoothly until the engine attempts to start (usually 1-3 pulls). Do not pull the cord to its full extension.
5. Once the engine "pops" or attempts to start, immediately move the choke lever to the "RUN" (open) position.
6. Pull the starter handle again until the engine starts and runs smoothly.
7. Allow the engine to warm up for 30-60 seconds before applying full throttle.

Operating the Blower

Once the engine is running and warmed up, you can begin operation. The tube-mounted throttle allows for precise control of engine speed. Use the cruise control feature for sustained operation at a desired speed, reducing operator fatigue.

- Adjust the shoulder straps and waist belt for a comfortable and secure fit.
- Direct the blower tube towards the debris you wish to move.
- Gradually increase throttle to achieve desired blowing force.
- For large areas, use a sweeping motion to gather leaves and debris into piles.
- Avoid directing the air stream towards people, animals, or fragile objects.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your ECHO PB-755ST. Always perform maintenance tasks with the engine off and cool, and disconnect the spark plug wire to prevent accidental starting.

Air Filter Cleaning

The pleated, automotive-style air filter should be inspected and cleaned regularly, especially in dusty conditions. A clogged air filter can reduce engine performance and lead to premature wear.

- Remove the air filter cover.
- Carefully remove the air filter element.
- Clean the filter by tapping it gently to remove loose debris or by washing it with warm, soapy water if heavily soiled. Allow it to dry completely before reinstallation.
- Replace the filter if it is damaged or excessively dirty.

Spark Plug Inspection

Inspect the spark plug periodically for wear, carbon buildup, or damage. Replace if necessary, ensuring the correct gap and type as specified in your owner's manual.

Fuel System

Always use fresh fuel. If storing the blower for an extended period, drain the fuel tank or use a fuel stabilizer to prevent fuel degradation and carburetor issues.

TROUBLESHOOTING

If your ECHO PB-755ST experiences issues, consult this basic troubleshooting guide. For complex problems, refer to your full owner's manual or contact a qualified service technician.

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect starting procedure, fouled spark plug, clogged fuel filter.	Check fuel level and mix. Follow cold start procedure. Inspect/replace spark plug. Clean/replace fuel filter.
Engine runs, then dies	Clogged air filter, old/stale fuel, fuel line blockage.	Clean air filter. Use fresh fuel. Check fuel lines for kinks or blockages.
Loss of power / Bogging down	Clogged air filter, improper fuel mix, carburetor issues.	Clean air filter. Ensure correct fuel/oil mix. If problem persists, carburetor may need adjustment or cleaning by a professional.
Excessive vibration	Loose components, damaged fan/impeller.	Check all fasteners. If vibration is severe, discontinue use and have it inspected by a service center.

SPECIFICATIONS

Feature	Detail
Brand	echosari
Model Number	PB-755ST
Engine Displacement	63.3 cc
Power Source	Gas Powered (2-stroke)
Form Factor	Backpack
Noise Level	71 Decibels
Item Weight	29.1 Pounds
Product Dimensions	22"L x 21"W x 16"H
Material	Plastic
Throttle Type	Tube-mounted with cruise control

WARRANTY & SUPPORT

For detailed warranty information, please refer to the official documentation included with your ECHO PB-755ST Backpack Blower. ECHO typically offers a manufacturer's warranty against defects in materials and workmanship. Additionally, protection plans are available for purchase to extend coverage:

- **2-Year Protection Plan:** Available for extended coverage.
- **3-Year Protection Plan:** Available for extended coverage.
- **Complete Protect:** A monthly plan covering eligible past and future purchases.

For technical support, service, or to inquire about replacement parts, please contact ECHO customer service or visit their official website. Always use genuine ECHO replacement parts to maintain product integrity and warranty.