

Black Max BM25AXB

Black Max Gas 2-Cycle Axial Fan Blower User Manual

Model: BM25AXB

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Black Max Gas 2-Cycle Axial Fan Blower. Please read this manual thoroughly before operating the equipment to ensure proper use and to prevent injury or damage.



Figure 1: The Black Max Gas 2-Cycle Axial Fan Blower, showcasing its ergonomic design and powerful axial fan. This view highlights the main body, engine housing, and blower tube.

SAFETY INFORMATION

Always prioritize safety when operating power equipment. Failure to follow safety instructions can result in serious injury or death.

- **Personal Protective Equipment (PPE):** Always wear eye protection (safety glasses or goggles), hearing protection (earplugs or earmuffs), long pants, and sturdy, non-slip footwear. Consider wearing gloves.
- **Fuel Handling:** Gasoline is highly flammable. Handle fuel outdoors in a well-ventilated area, away from sparks, open flames, or other ignition sources. Store fuel in approved containers.
- **Engine Exhaust:** Engine exhaust contains carbon monoxide, a colorless, odorless, poisonous gas. Never operate the blower in an enclosed area.

- **Clear Work Area:** Before starting, clear the work area of debris, children, pets, and bystanders. Maintain a safe distance from others.
- **Inspect Before Use:** Check the blower for loose parts, damaged components, or fuel leaks before each use. Do not operate if damaged.
- **Proper Grip:** Always maintain a firm grip on the blower with both hands during operation.

SETUP

Before operating your blower, ensure it is properly assembled and fueled.

1. Assembly

Attach the blower tube securely to the main unit. Ensure all connections are tight before use.



Figure 2: An angled view of the Black Max Blower, illustrating the attachment point for the blower tube and the overall compact design. This perspective helps in understanding the assembly process.

2. Fuel Mixing (2-Cycle Engine)

This blower uses a 2-cycle engine and requires a specific gasoline-to-oil mixture. Refer to the engine's fuel cap or a sticker on the unit for the exact mixing ratio (e.g., 50:1 or 40:1).

1. Use fresh, unleaded gasoline with an octane rating of 87 or higher.
2. Use high-quality 2-cycle engine oil specifically designed for air-cooled engines.
3. Mix the fuel and oil thoroughly in an approved fuel container before pouring into the blower's fuel tank.

4. Fill the fuel tank carefully, avoiding spills. Wipe up any spilled fuel immediately.

OPERATING INSTRUCTIONS

Follow these steps for safe and efficient operation of your Black Max blower.

1. Starting the Engine

1. Place the blower on a flat, stable surface.
2. Set the ON/OFF switch to the "ON" position.
3. Engage the choke lever (usually to the "FULL CHOKE" or "START" position).
4. Press the primer bulb 5-10 times until fuel is visible in the clear return line.
5. Pull the starter rope firmly and smoothly until the engine attempts to start (usually 1-3 pulls).
6. Once the engine "pops" or attempts to start, move the choke lever to the "HALF CHOKE" or "RUN" position.
7. Pull the starter rope again until the engine starts and runs smoothly.
8. Allow the engine to warm up for a few seconds before applying full throttle.

2. Using the Blower

The Black Max blower features a variable speed trigger for precise control.

- Hold the blower firmly with both hands.
- Direct the blower tube towards the debris you wish to move.
- Squeeze the variable speed trigger to increase airflow. Use lower speeds for delicate areas and full power (520 CFM / 160 MPH) for heavy debris.
- Work in a systematic pattern to efficiently clear areas.



Figure 3: A person operating the Black Max Blower to clear leaves from a lawn, demonstrating its practical application and ease of use in outdoor environments.

3. Shutting Down

To turn off the blower, release the throttle trigger and move the ON/OFF switch to the "OFF" position. Allow the engine to cool before storing.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your blower. Always disconnect the spark plug wire before performing any maintenance.

- **Air Filter:** Clean the air filter regularly (every 5-10 hours of operation or more frequently in dusty conditions). Remove the filter cover, clean the filter element with warm, soapy water, rinse, and allow to dry completely. Reinstall.
- **Spark Plug:** Inspect the spark plug every 25 hours of operation. Clean or replace if fouled or worn. Ensure the gap is correct according to manufacturer specifications.
- **Fuel System:** For long-term storage (over 30 days), drain the fuel tank and run the engine until it stops from lack of fuel. This prevents fuel degradation and carburetor issues. Alternatively, use a fuel stabilizer.
- **General Cleaning:** Keep the engine cooling fins and air intake clear of debris to prevent overheating. Wipe down the exterior of the blower with a damp cloth.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke position, fouled spark plug, clogged fuel filter, stale fuel.	Check fuel level and mix, adjust choke, clean/replace spark plug, replace fuel filter, use fresh fuel.
Engine starts then dies	Incorrect choke position, air filter clogged, fuel line kinked, carburetor issues.	Adjust choke, clean air filter, check fuel lines, consult service center if carburetor is suspected.
Low power output	Clogged air filter, fouled spark plug, improper fuel mix, debris in blower tube.	Clean air filter, clean/replace spark plug, ensure correct fuel mix, clear blower tube.

SPECIFICATIONS

Feature	Value
Product Dimensions	28.74 x 12.62 x 11.26 inches
Item Weight	14.02 pounds
Item Model Number	BM25AXB
Brand	Black Max
Form Factor	Handheld
Air Flow Capacity	520 Cubic Feet Per Minute (CFM)
Style	Handheld
Speed	160 Miles per Hour (MPH)
UPC	810022398951

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Black Max website.

For technical support, replacement parts, or service inquiries, please contact Black Max customer service. Contact information can typically be found on the product packaging or the manufacturer's website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question