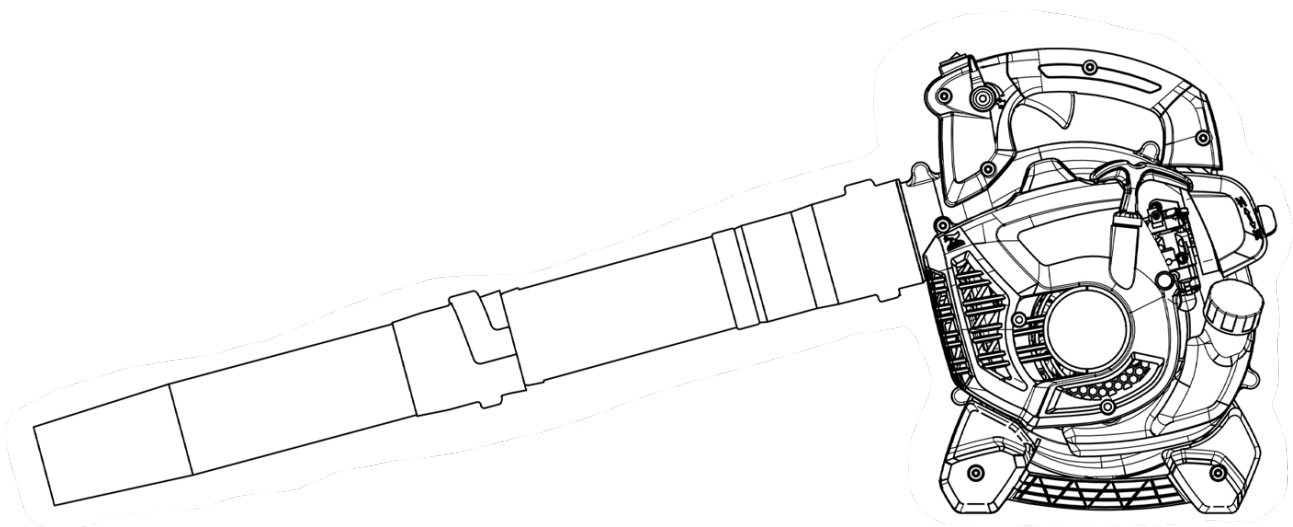


Petrol Blower MB26S

Including Engine EBV260EA.1

Owner's Manual



Important

Please read this Owner's Manual and the Express Warranty before using this product. The Warranty does not cover damage due to misuse or failure to follow the operating and assembly instructions.

Keep these instructions in a safe place for future use.



Do not operate this machine before it has been assembled correctly and you have read and understood these instructions.



These instructions are intended as a general guide and do not supersede national or local codes in any way. Contact local Authorities for clarity of laws relating to operation of this appliance.

Keep the instructions in a safe place for future use.

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Warning Symbols on the Machine



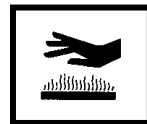
Caution! Read the operating instructions and follow the warnings and safety instructions. This product is for outdoor use only and to be used in a well ventilated area.



Wear protective eye wear and ear muffs.

1. **AVOID DANGEROUS WORK ENVIRONMENTS.** Do not use the petrol blower in poorly ventilated areas where fumes may accumulate. Do not operate the blower near flammable liquids, gases, or in explosive atmospheres. Petrol fumes and normal engine sparking could ignite vapors. Always use the blower outdoors in well-ventilated, well-lit areas.
2. **KEEP CHILDREN AND VISITORS AWAY.** Visitors and children

3. **AVOID UNINTENTIONAL STARTING.** Make sure the throttle control is set low before starting the blower. Do not carry the blower with your finger on the trigger or while the engine is running.
4. **STORE TOOLS SAFELY.** When not in use, store the blower in a dry, secure location, out of reach of children. Store away from heat sources, sparks, or open flames. Always empty the fuel tank before long-term storage.
5. **DISCONNECT IDLE TOOLS.** Switch off the engine, allow it to cool, and disconnect the spark plug wire before making adjustments, cleaning, or performing maintenance. Never leave the blower unattended while running.
6. **DO NOT FORCE THE TOOL.** Use the blower only for tasks it was designed for. Do not overload the engine or use attachments not recommended by the manufacturer.
7. **USE THE CORRECT TOOL FOR THE JOB.** Do not attempt to use the blower as a vacuum, sprayer, or for any job beyond its intended use.
8. **DRESS CORRECTLY.** Do not wear loose clothing or jewellery, they can be caught in moving parts. Rubber gloves and non-slip footwear and recommended when working outdoors. If you have long hair, wear a protective hair covering.
9. **ALWAYS USE SAFETY ACCESSORIES.** Safety glasses and earmuffs should always be worn. Everyday eyeglasses have impact resistant lenses only, they are not safety glasses. A face or dusk mask is also required if dust is going to be created.
10. **DON'T OVERREACH.** Keep proper footing and balance at all times. Do not use blower on a ladder or unstable support. Secure blower when working at elevated levels.
11. **MAINTAIN TOOLS WITH CARE.** Regularly inspect the blower for damage or wear. Keep air intake and exhaust clear of debris. Follow manufacturer instructions for fuel mixing, lubrication, and maintenance. Never use gasoline, solvents, or caustic cleaners to clean plastic parts. Ensure the spark arrestor is in place and functioning.
12. **STAY ALERT AND EXERCISE CONTROL.** Stay focused and operate the blower carefully. Do not use the blower when tired, under the influence of drugs, alcohol, or medication.



Warning! When in use, and in the cool down period after use this surface is very hot. Do not touch as doing so can result in serious burns.



BLOWER IMPELLER CAN CAUSE SERIOUS INJURY
Make sure to turn the engine off and wait for the impeller to come to a complete stop before opening the cage. Never insert hand into the tube while unit is on.



KEEP HANDS
AND FEET
CLEAR

Warning! Keep hands and feet clear when machine is operating as rotating parts can cause serious injury.



Warning! Flammable fuel keep away from naked flames and cigarettes.

Symbols in this Owner's Manual



Threatened hazard or hazardous situation.
Not observing this instruction can lead to injuries or cause damage to property.



Important information on proper handling.
Not observing this instruction can lead to faults in the machine.



User information. This information helps you to use all the functions correctly.
Keep this owners manual for future reference and for others who may want to use this tool.

Proper Use

For safety reasons, the blower is not to be used by children, young people under 16 years of age, or any other persons who are not acquainted with these directions for use.



Specific safety information Please read this safety information and the directions for use carefully and be sure to follow the instructions to the letter.



Failure to follow safety instructions can result in serious injury to yourself and others.

Safety Instructions

Use the machine only as described in this manual. Any other types of use are at your own risk and could well be dangerous. The manufacturer cannot be held liable for damage caused by improper or incorrect usage.



Warning!
Read the operating instructions in their entirety before using the machine for the first time. All the information on the handling of the machine is relevant to your personal safety. Ask a professional to show you to use the machine!



Do not operate this machine if you are tired, ill or are under the influence of alcohol, drugs or medicine.

This Owner's Manual covers EBV260EA.1 engine for the MB26S Blower.

Before starting, check the machine is in good working order. If damage is discovered, have it repaired by a specialist immediately. Always wear goggles and protective ear muffs when working with the machine.

Always switch off the machine before pulling it down.

Always stop the engine before doing any work on the machine.

Only one person must use the machine at a time. All other persons must stay clear of the Blower. Children and pets in particular must be kept well away at all times.

Important Information!

The information contained in this manual describes machines available at the time of production. While every attempt has been made to give you the very latest information about your Petrol Blower, there may be some differences between your machine and what is described here. We reserve the right to make changes in production without prior notice, and without obligation to make alterations to machines previously manufactured.

Before using this product, consult local regulations concerning noise restrictions and hours of operation



Caution!

This petrol engine blower is equipped with a spark arresting muffler. Never operate this machine without both the muffler and spark arrestor installed and properly functioning!

Operation Warning!



Important!

The operational procedures described in this manual are intended to help you get the most from your machine and also to protect you and others from harm. These procedures are general guidelines only, and are not intended to replace any safety rules/laws that may be in force in your area.

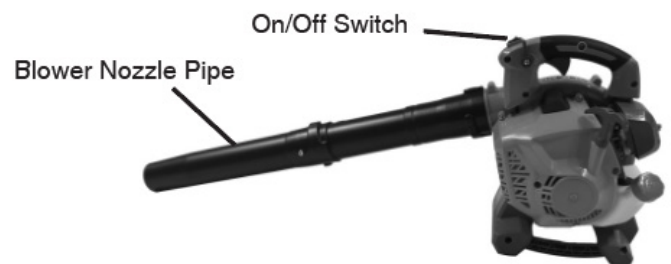
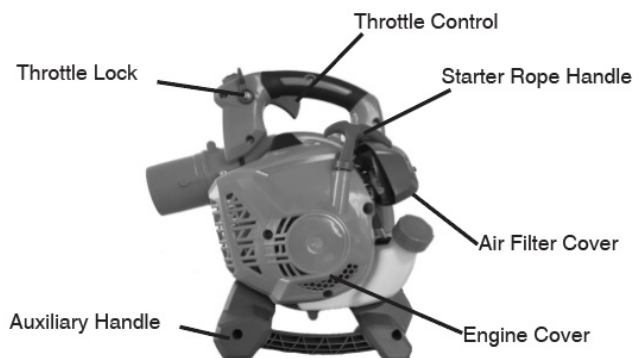
If you have any questions regarding your petrol engine blower, or if you do not understand something in this manual, your dealer will be glad to assist you.



Warning!

Do not make unauthorised modifications to this machine!

List of Parts



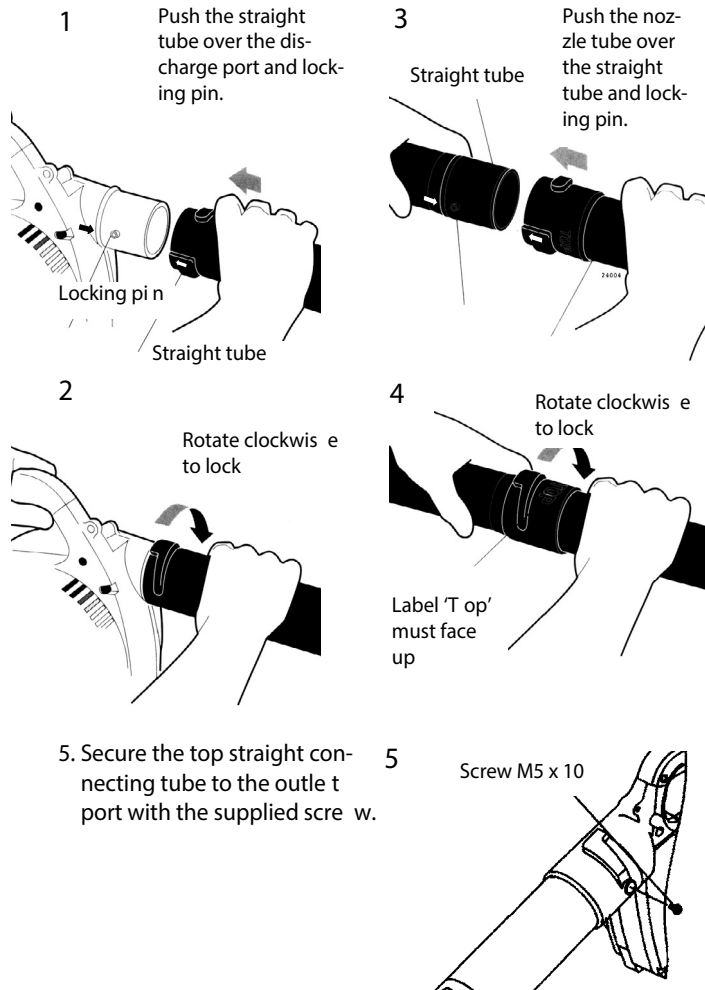
Assembling the Blower

Place the blower upright on the ground or on a sturdy work surface.

1. With the air vent closed, push the straight nozzle tube over the discharge port and locking pin, the arrowhead on the straight nozzle tube should be on the same line with the volute case. Rotate the tube clockwise to lock(Fig.1&2).

2. Push the blower nozzle tube over the straight nozzle tube and locking pin. Rotate clockwise to lock(Fig.3).

3. Tighten the screw in place to secure(Fig.5).



Important!
Blower tube installation affects both blower balance and performance!
The tube and nozzle are correctly installed when the label "TOP" is visible to the operator during normal operation.



Warning!
Danger from rotating impeller! Stop the engine before installing or removing the blower tubes!
Never perform any maintenance or assembly procedures on this machine while the engine is running!

Mixing Fuel

Fuel Requirements

Use only fresh, clean fuel

Use only fuel with an octane rating of 90 or higher

2 Stroke Oil / Fuel Mixing Ratios and Volumes

It is recommended to always use Masport 2 stroke oils as these are formulated for best results. If Masport 2 stroke oil is not available, check with a Service Dealer for a suitable alternative.



Important!
Check type of oil, 'Synthetic Oil' or 'Semi Synthetic Oil'

If Using Synthetic Oil, it is recommended using a mixing Ratio of 50:1
Note - 50:1 = 20ml of oil for each one litre (1) of Fuel
if using Semi Synthetic Oil, it is recommended using a mixing Ratio of 40:1
Note - 40:1 = 25ml of oil for each one litre (1) of Fuel



Warning!
Incorrect amount of oil will cause failure of the motor, plus void any warranty claim. Do not store fuel for longer than 3 months; as stale petrol can cause motor issues. Mix only the required amount of fuel for the task; ensure petrol is fresh.



Warning!
Danger of fire! Never transfer or store fuels in the presence of combustible materials! Before starting the engine, always move the blower to a clear area at least 10 feet (3 metres) away from fuels and other combustible materials!



Warning!
Never attempt to mix fuel in the blower fuel tank! Always mix all fuels in a clean, container!
Use 2-stroke engine oil mixed at the recommended ratio for your model. Be aware that generic oils and some outboard mixing oils may not be intended for use in high performance air cooled 2-cycle engines, and should never be used in your engine blower. If unsure seek advice from your garden product specialist. Add fuel in a well ventilated area. Wipe away any spilt fuel before starting the engine.



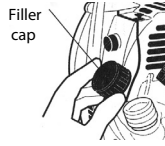
• **Important!** Mix only enough fuel for your immediate needs! If fuel must be stored longer than 30 days, it should first be treated with a stabiliser or equivalent product!

Filling the Fuel Tank



Warning!
Danger of fire and burn injury!

Place the blower upright on the ground or on a sturdy work surface, and wipe any debris from around the fuel cap. Remove the fuel cap. Fill the tank with clean, fresh fuel. Replace the cap, and wipe away any spilled fuel before starting the blower.



Always use extreme care when handling fuel! Fuel is highly flammable! Never operate this blower if fuel system components are damaged or are leaking!

Never attempt to refuel the engine while it is running!

Never attempt to refuel a hot engine! Always allow the blower engine to cool before fuelling!

Never smoke or light any fires near the blower or fuels!

Always transport and store fuels in a safe container!

Never place flammable material close to the engine muffler!

Never operate the blower without a properly functioning muffler and spark arrestor installed!

Never operate the blower unless it is properly assembled and in good working condition!

closed position (choke is closed).

Hot Engine Only, move the choke control to the open position.

(jump to step 6)

3. Place the blower on the ground, and hold the blower handle firmly.
4. Pull the starter rope rapidly 1-4 times or until the engine fires/pops.
5. Move the choke lever to the open position.
6. Pull the starter rope rapidly 1-4 times to start the engine.



Choke closed
(cold Start)



Choke Open
(Hot Start/Run)



Important!

When the engine starts:

For maximum performance and operating life, allow the engine to warm before use.

Run the engine at idle speed until operating temperature is reached (2-3 minutes).

The machine should now be ready for use.

If the engine does not start:

Repeat the appropriate starting procedure for "hot" or "cold" engine for a few times. If the engine still will not start, follow the "Starting a Flooded Engine" procedure (below).

Starting a flooded engine:

Disconnect the spark plug lead, and use the spark plug wrench to remove the plug in a counterclockwise direction.

If the spark plug is fouled or is soaked with fuel, clean or replace the plug as required.

Clear excess fuel from the combustion chamber by cranking the engine several times while the spark plug is removed.

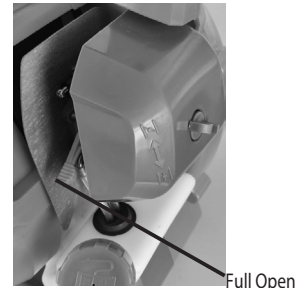
Install the spark plug and firmly tighten it with the spark wrench. If a torque wrench is available, torque the spark plug to 148-165 inch-pounds. Reconnect the spark plug lead.

Ensure the choke control

lever is in the appropriate position for the temperature of the engine.

Repeat the starting procedures for "Hot engine".

If the engine still fails to fire or start, refer to the troubleshooting flowchart at the end of this manual.



Warning!
Danger from rotating impeller! The impeller will rotate whenever the blower is operated! Never operate this blower unless the intake cover and blower tubes are properly installed and in good working order. Danger from thrown dust or debris! Always wear eye protection when operating this machine! Never direct the blower stream toward people or animals! Never operate this blower unless all controls are properly installed and in good working order.

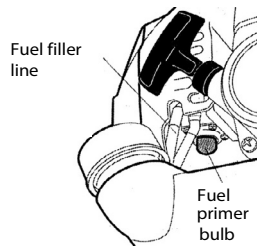


Warning!
The recoil starter can be damaged by abuse!

- Never pull the starter cord to its full length.
- Always engage the starter before cranking the engine!
- Always rewind the starter cord slowly!
- Never operate the blower if blower tubes are missing or damaged!



Important!
A two-position "ON-OFF" switch located on the top of the blower handle grip controls the engine ignition



Starting Procedure:

1. Prime the fuel system by repeatedly depressing the fuel primer bulb until no air bubbles are visible in the fuel discharge line.
2. Cold Engine. Choke the engine by moving the choke control to the

Using the machine



Think Safety!

In the hands of an experienced operator, the machine can efficiently move a wide variety of debris ranging from grass clippings to gravel. As a general rule, try to operate your engine at the lowest throttle setting necessary to get the job done:

Use low throttle settings when clearing lightweight materials from around lawns or shrubbery.

Use medium to higher throttle settings to move lightweight grass or leaves from parking lots or walkways.

Use full throttle when moving heavy loads such as dirt or snow.



User Information!

Noise increases at higher throttle settings!

Safe operation

Never operate the blower when visibility is poor.

Always wear eye protection such as face shield or goggles while operating this machine.

Wear a dust mask to reduce the risk of inhalation injuries.

Wear close fitting clothing to protect your legs and arms.

Wear hearing protection when operating this machine.

Never operate the blower if any component parts are damaged, loose, or missing.

1. Using the blower

Always be aware of the strength and direction of stream. Never direct the blower discharge stream toward people or animals.



Inspect the entire blower for damage, loose or missing components or fastenings, and repair as necessary.

EVERY 10 HOURS

More frequently in dusty conditions.

Loosen the air cleaner cover retaining screw, and remove the cover and filter element. Inspect the element. If the element is distorted or damaged, replace it with a new one. Clean the element and the cover or blow dry. Install the element and cover and then tighten the cover retaining screw.

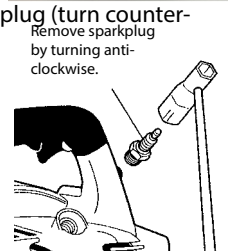


EVERY 10/15 HOURS

Use the spark plug wrench to remove the spark plug (turn counter-clockwise to remove).

Clean and adjust the spark plug gap to 0.6-0.7mm. Replace any damaged or visibly worn plug with the correct plug

Install the spark plug finger tight in the cylinder head, then tighten it firmly with the spark plug wrench. If a torque wrench available, torque the spark plug to 148-165 inch pounds.



Important!

Never allow dirt or debris to enter the cylinder bore! Before removing the spark plug, thoroughly clean the spark plug and cylinder head area! Allow the engine to cool before servicing the spark plug! Cylinder tightening or loosening the spark plug while the engine is hot can result in serious engine damage! Incorrect spark plug installation can result in serious engine damage!

EVERY 50 HOURS

More frequently if you notice reduced performance.

INSPECTION

Inspect the entire blower and tubes for damage, including loose or missing components, and repair as necessary.

SPARK PLUG

Replace the spark plug

FUEL FILTER

Use a wire hook to extract the fuel filter from inside the fuel tank, and then remove and wash the filter element in clean fuel. Before reinstalling the filter, inspect the condition of the fuel line. If damage or deterioration is noted, the blower should not be used until it can be inspected by a trained service technician.



Warning!

Before performing any maintenance on this blower, stop the engine and disconnect the spark plug wire!

Daily Maintenance

Remove dirt and debris from the blower exterior.

Inspect the engine, tank, and hoses for possible fuel leaks, and repair as necessary.

Inspect the engine cooling fins for accumulations of dirt or debris, and clean as necessary.



Important!

Dirty or damaged cooling system components may allow the engine to overheat, possibly causing serious engine damage!



Important!

Operating the blower with loose, missing, or damaged components could allow the engine to over speed, possibly causing serious engine damage!

Cleaning And Storage



Warning!

Never store the machine with any fuel remaining in the tank, fuel lines, or carburettor! Your warranty does not include coverage for damage caused by 'stale' or contaminated fuels!

CLEANING

• Use a small soft brush to clean the outside of the unit. Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic housing or handle. Wipe off any moisture with a soft cloth.

INSPECTION Inspect the entire machine and tubes for damage, including loose or missing components, and repair as necessary.

FUEL Drain the fuel tank, and then clear the carburettor and lines by running the machine until it stops from lack of fuel.

AIR CLEANER Remove, clean, and reinstall the filter element as described under "daily maintenance."

STORAGE

- Never store the unit with fuel in the tank.
- Allow the engine to cool before storing.
- Lock up the unit to prevent unauthorized use or damage.
- Store the unit in a dry, well-ventilated area.
- Store unit out of reach of children.

LONG TERM STORAGE (WINTER)

Should the unit will be stored for an extended time, use the following storage procedure.

1. Drain all fuel from the fuel tank. Do not store mixed fuel for more than 30 days.
2. Start the engine and allow it to run until it stalls. This ensures that all the fuel has been drained from the carburettor.
3. Allow the engine to cool. Remove the spark plug and put 30ml of high quality motor oil or 2-stroke oil into the cylinder. Pull the starter rope slowly to distribute the oil. Reinstall the spark plug.
4. Thoroughly clean the unit and inspect for any loose or damaged parts. Repair or replace damaged parts and tighten loose screws, nuts or bolts. The unit is ready for storage.

NOTE : Remember to have your machine serviced at an authorized service centre at least once a year!

Specifications

Model	MB26S
Engine	Two stroke air cooled petrol/oil engine, vertical cylinder
Displacement	25.4cc
Fuel	Gasoline/oil mixture
Carburettor	Diaphragm-type with primer pump
Ignition	All transistor electronic ignition system
Starting	Recoil starter
Stopping	Grounding (toggle switch)
Fuel Tank Capacity	0.5 Litre
Exhaust system	Low dB; spark-arrestor muffler
Weight; dry, fully assembled	4.6kg
Performance	0.80kw
Engine Idle Speed	3200+/- 150 rpm
Sound Power level	94.8 dB(A)

Engine does not start

What to Check	Possible Cause	Remedy
Does the engine crank?	Faulty recoil starter. Fluid in the crankcase. Internal damage.	Take blower to the technician.
Good compression?	Loose spark plug. Excess wear on cylinder, piston, rings.	Tighten and re-test. Take blower to the technician.
Does the tank contain fresh fuel of the proper grade?	Fuel/mixture incorrect, stale, contaminated.	Re-fill with fresh fuel (2-cycle engine oil and gasoline)
Is fuel visible and moving in the return line when priming?	Check for clogged fuel filter and/or vent.	Clear as required. Re-start.
Check the spark plug	If the plug is wet, excess fuel may be in the cylinder.	Crank the engine with plug removed, replace the plug and restart.
	The plug may be fouled or improperly gapped	Clean and regap the plug to 0.6-0.7mm. Restart.
	The plug may be damaged internally or of the wrong size.	Replace the plug



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