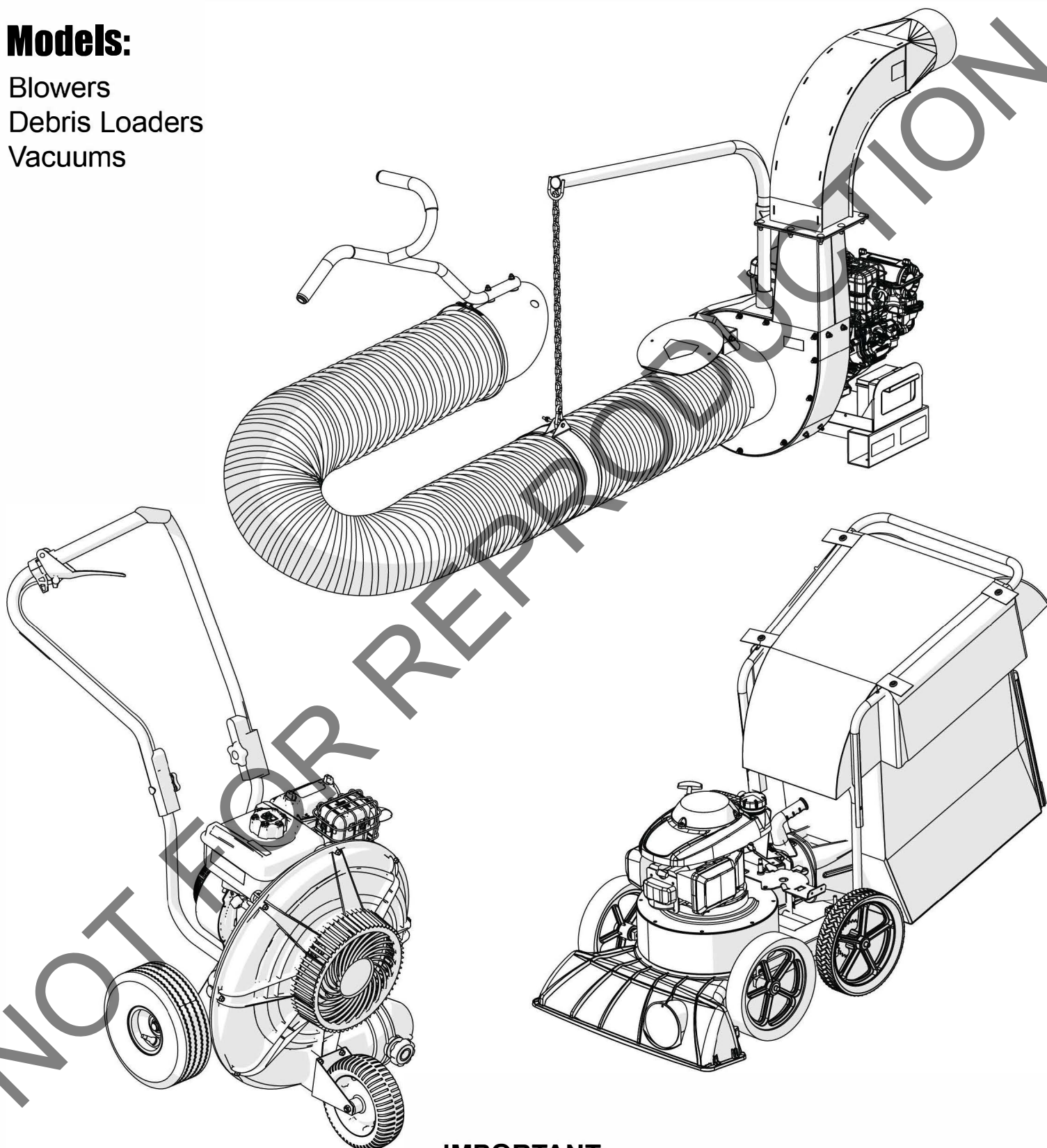


# General Safety Manual: Debris Line

## Models:

Blowers  
Debris Loaders  
Vacuums



## IMPORTANT:

READ CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE

# About this Manual

Thank you for purchasing this high quality outdoor power equipment. Your new unit has been carefully designed and manufactured to provide years of reliable and productive service. This manual will provide you with safety instructions and general maintenance tips to help keep your machine in top running order. Please read this manual, the Operator's Manual, and the Illustrated Parts Book included in the literature pack before assembling, operating, or servicing your equipment.

## Intended Use

Each unit has a particular intended use. Please read the intended use of your unit.

**Blower:** This machine is designed for cleaning outdoor surfaces. Debris can be effectively blown into a consolidated area for convenient pick up and removal.


**Vacuum:** This machine is designed for vacuuming *small* loads of leaves, grass clippings, and other organic litter. Debris mixed with cans, bottles, and small amounts of sand can be vacuumed. However, vacuuming non-organic litter is not this machine's primary purpose. Vacuuming cans, bottles, and sand will affect the longevity of your machine.

**Debris Loader:** This machine is designed for vacuuming *large* loads of leaves, grass clippings, and other organic litter. Debris mixed with cans, bottles, and small amounts of sand can be vacuumed. However, vacuuming non-organic litter is not this machine's primary purpose. Vacuuming cans, bottles, and sand will affect the longevity of your machine.

## Serial Plate Data

MODEL  
XXXXXXX




Briggs & Stratton, LLC.  
Lee's Summit, MO 64082 USA  
Briggsandstratton.com  
Basco.com/patents




SERIAL NO. XXXXXXXXX

XXXX min<sup>-1</sup>  
XXX kW  
DOM XX/XX/XXXX XXX kg

Assembled in U.S.A.



LWA

XXX  
XXX dB

Record the model number, serial number, date of purchase, and location of purchase.











Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase date: \_\_\_\_\_



Purchase location: \_\_\_\_\_


## General Safety Symbols


Symbol	Description
	Indicates important information that will prevent injury to yourself or others. Failure to adhere to these guidelines can result in injury and/or death to yourself or others.
	Indicates important information that will prevent damage to your equipment. Failure to adhere to these guidelines can result in damage or failure to your machine.
	Indicates that injury can occur from flying objects. Failure to recognize flying objects and wear protection from them can cause injury.
	Indicates foot protection is recommended when operating this equipment.
	Indicates ear protection is recommended when operating this equipment.
	Indicates eye protection is recommended when operating this equipment.
	Indicates breathing protection is recommended when operating this equipment.
	Indicates that gloves should be worn when assembling, operating, or servicing equipment.
	Indicates that this manual, the operator's manual, the illustrated parts list, and the engine manufacturer's manual should be read carefully before assembling, operating, or servicing equipment.
	Indicates that the engine oil level should be read carefully before assembling, operating, or servicing equipment.


## Safety Guidelines


### All Units


  **ALWAYS** use reasonable care when operating this machinery as you would any other mechanical tool.


 **ALWAYS** read the operator's manual before initial operation. The operator's manual contains important safety information you need to be aware of *before* you operate your unit as well as *during* operation.


 **ALWAYS** inspect machine before operating. Be sure that *all* operators of this equipment are trained in general machine safety and operation.


 **ALWAYS** wear appropriate clothing including safety shoes, safety glasses and ear protection. Safety glasses must be to ANSI Z87 standard. Long hair, loose clothing or jewelry may get tangled in moving parts. Always tie back long hair and remove jewelry before operation. Long pants should be worn during operation.


 **ALWAYS** evaluate the terrain to determine what accessories and attachments are needed to properly and safely perform the job. Use only accessories and attachments approved by the manufacturer.


 **ALWAYS** identify and mark all fixed objects to be avoided during work such as sprinkler heads, water valves, buried cables, clothes line anchors, etc.


 **ALWAYS** operate only in daylight or with good artificial light.


 **ALWAYS** keep hands and feet away from moving or rotating parts.


 **ALWAYS** shut down the unit completely and allow the engine to cool before performing maintenance.


 **ALWAYS** disengage the self-propelled mechanism or drive clutch on equipped units before starting the engine.

 **NEVER** tamper with any Safety Interlock Systems equipped on the unit.


 **NEVER** operate a unit if the Safety Interlock Systems do not function properly. Contact an authorized service dealer for repair.

 **DO NOT** operate the unit under the influence of drugs or alcohol.


 **DO NOT** leave equipment unattended during operation.


 **DO NOT** operate equipment with bystanders in or around the work area.


 **DO NOT** allow children to operate this equipment.


 **DO NOT** allow children anywhere near the area of operation. Never assume that children will remain where you last saw them. If there is a risk that children may enter the

area where you are working, have another responsible adult watch them.


 **DO NOT** place hands or feet underneath unit or near any moving parts.


 **DO NOT** operate equipment on slopes greater than specified in the Specifications section of the machine operator's manual.


 **DO NOT** park equipment on a steep grade or slope.


 **DO NOT** change the governor setting or overspeed the machine.


## Blowers

 **DO NOT operate if excessive vibration occurs.** If excessive vibration occurs, shut engine off immediately and check for loose hardware, damaged housing, damaged handles, and/or loose engine or debris stuffed in fan or housing.


 **NEVER** blow dust or debris in the direction of bystanders. Be mindful of air direction and debris flow during operation.


 **DO NOT** run this machine without the director cone attached.


 **DO NOT** run this equipment with an improper or damaged air director cone.


 **DO NOT** run this equipment with a cracked or damaged housing under any circumstances.


## Debris Loaders


 **DO NOT operate if excessive vibration occurs.** If excessive vibration occurs, shut engine off immediately and check for damaged or worn impeller, loose impeller bolt, loose impeller key, and/or loose engine or debris in fan or housing. To remove debris from impeller, see the Troubleshooting section of the operator's manual.



 **DO NOT** start engine without hose and exhaust elbow connected firmly in place to housing and outlet.




 **DO NOT** operate with hose or exhaust elbow removed.




 **DO NOT** place hands or feet inside the nozzle intake, near the exhaust elbow, or near the impeller during operation.




 **DO NOT** operate this unit freestanding. Always secure the unit in place before operation.

 **DO NOT** operate with a cracked or damaged impeller under any circumstances.



  **DO NOT** operate without discharging exhaust into enclosed container with adequate meshed venting.



   **DO NOT** use this machine for vacuuming exclusively sand, dust, fine dirt, rocks, glass, string-like material, grain, rags, cans, metal, bark or water.



   **ALWAYS** check the condition of the replaceable liner before every use. Be sure that the machine is off and the spark plug is disconnected before checking for wear.



   **DO NOT** remove hose until engine has been turned off and has come to a complete stop.



## Vacuums




  **DO NOT operate if excessive vibration occurs.** If excessive vibration occurs, shut engine off immediately and check for damaged or worn impeller, loose impeller bolt, loose impeller key, and/or loose engine or debris stuffed in fan or housing.




  **DO NOT** place hands or feet inside the nozzle hose intake or near the impeller.




  **DO NOT** operate the unit with a cracked or otherwise damaged impeller under any circumstances.




  **DO NOT** operate the unit without a debris bag in place.

  **DO NOT** operate the unit with an overstuffed debris bag. Always take breaks to thoroughly empty the debris bag during operation.

   **ALWAYS** stop the unit and shut down the engine before emptying the debris bag.

   **DO NOT** use this machine for vacuuming exclusively sand, dust, fine dirt, rocks, glass, string-like materials, grain, rags, cans, metal, bark, or water.

   **ALWAYS** identify and mark all fixed objects to be avoided during work such as sprinkler heads, water valves, buried cables, clothes line anchors, etc.



   **ALWAYS** remove all rocks, wire, string, plastic, etc. that can present a hazard during work prior to starting.



## Handling and Transporting



Follow these instructions to ensure the safety of yourself and others while handling and transporting your debris machine.

Follow these instructions to also maintain the quality of your unit.

## All Debris Units


  **ALWAYS** be mindful of the unit's weight and dimensions during handling and transport. See the operator's manual for machine weight and dimension specifications.


  **ALWAYS** use two or more people to lift these debris machines. Use lifting tools such as hydraulic jacks when appropriate.

  **ALWAYS** use your legs to lift, not your back. Units can be heavy and cause injury. Use care and caution when lifting the units to transport.

   **ALWAYS** wear gloves when lifting.



  **ALWAYS** secure the machine in place while transporting.

 **DO NOT** lift the machine while its engine is running.







 **ALWAYS** clean all debris from unit, drives, mufflers, and engine before transport and storage to help prevent fires.

## Blowers



### Wheeled Blowers:



-   **DO NOT** use the front grill as an anchor point when securing the unit for transport. Use the Quick Hold-Down Kit (available through an authorized dealer) to safely mount the blower to a trailer or truck bed.



### Stand-On Blowers:

-   **NEVER** attempt to lift the unit yourself. Always use mechanical lifting tools.
-   **NEVER** use the front grill as an anchor point when securing the unit for transport. Use secure anchor points on the frame of the unit.
-   **ALWAYS** be sure the parking brake is engaged and all safety interlock systems are in proper working condition before transporting the unit.










## Debris Loaders

  **ALWAYS** secure the nozzle before transporting unit.

  **DO NOT** drag the hose when transporting.

  **DO NOT** transport unit without securing the exhaust elbow and ensuring that the elbow will not strike. (Applies to rotating elbows or elbows with rotating accessory).

### Debris Loaders Mounted to Trailers:

-   **ALWAYS** read the operator's manual from the trailer manufacturer before use.
-  **VERIFY** the trailer is properly coupled to the tow vehicle hitch ball. Verify that the trailer safety chains are fastened to the vehicle frame.
-  **VERIFY** that the trailer wiring harness is properly connected to the vehicle wiring. Check that all lights function properly.
-  **INSPECT** tires for damage. If any tire is damaged (bald spots, bulges, cuts, tears, etc.), replace the tire immediately.
-  **CHECK** tire pressures and fill if necessary. Correct tire pressure is listed on the trailer Certification/VIN label.
-  **INSPECT** trailer for structural damage including bending, cracks, or failures. Do not operate the trailer if structural damage is present.
-  **CHECK** wheel lug nuts and be sure they are tight.
-  **VERIFY** the debris loader is securely mounted to the trailer before transport.

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