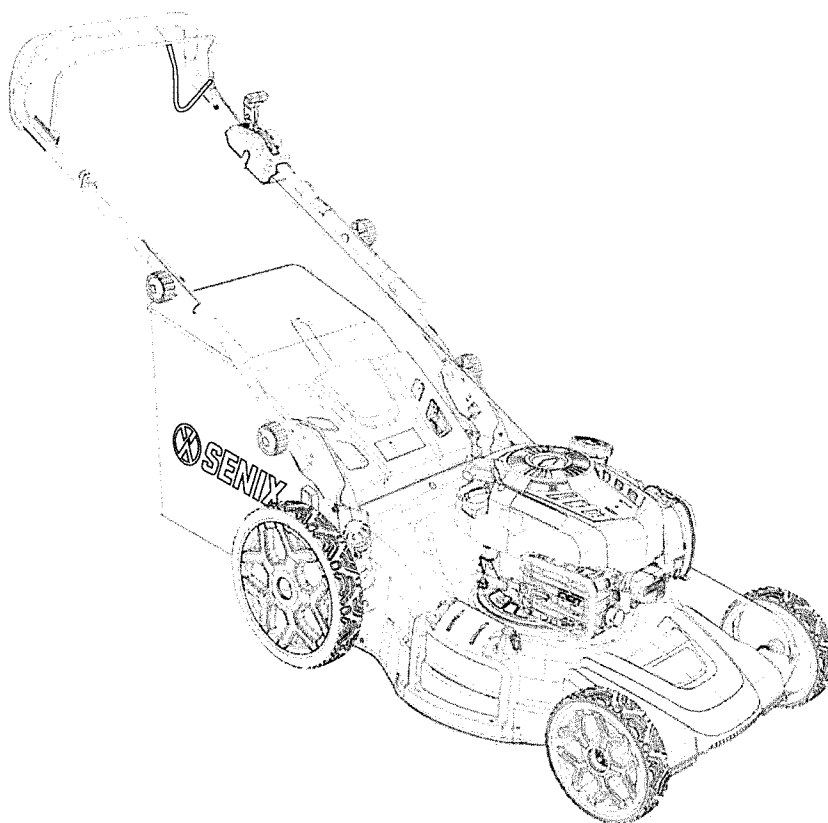


Operator's Manual



21" LAWN MOWER

Model No. LSSGBS-H



CAUTION: Before using this product, read this manual and follow all safety rules and operating instructions.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- ESPAÑOL

SENIX TOOLS 6441 Hendry Rd. Charlotte, NC. 28269

For customer support please call 1-800-261-3981 or go online at support@senixtools.com

www.senixtools.com

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WARRANTY STATEMENT

SENIX LIMITED WARRANTY

FOR TWO YEARS from the date of sale this product is warranted against defects in material or workmanship.

This warranty covers ONLY defects in material and workmanship. Warranty coverage does NOT include:

- Expendable items which can wear out from normal use within the warranty period, such as mower blades, blade adapters, belts, filters, or spark plugs.
- Product damage resulting from user attempts at product modification or repair or caused by product accessories.
- Repairs necessary because of accident or failure to operate or maintain the product according to all supplied instructions.
- Preventative maintenance or repairs necessary due to improper fuel mixture, contaminated or stale fuel.

This warranty is void if this product is ever used while providing commercial services or if rented to another person.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SENIX TOOLS 6441 Hendry Rd. Charlotte, NC. 28269

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PRODUCT SPECIFICATIONS

Engine Oil: SAE 30
Fuel: Unleaded Gasoline
Engine: Briggs & Stratton

MODEL NUMBER

Model Number: _____
Serial Number: _____
Date of Purchase: _____

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

SAFETY INSTRUCTIONS

WARNING

This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury. When you see this symbol, HEED ITS WARNING!

WARNING

CALIFORNIA PROPOSITION 65

Engine Exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to State of California to cause cancer and birth defects or other reproductive harm.

DANGER

This machine was built to be operated according to the safe operation practices in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. This machine is capable of amputating fingers, hands, toes and feet and throwing debris. Failure to observe the following safety instructions could result in serious injury or death.

WARNING

Your Responsibility—Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.

SAVE THESE INSTRUCTIONS!

GENERAL OPERATION

Read this operator's manual carefully in its entirety before attempting to assemble this machine. Read, understand, and follow all instructions on the machine and in the manuals before operation. Keep this manual in a safe place for future and regular reference and for ordering replacement parts

- Be completely familiar with the controls and the proper use of this machine before operating it.
- This machine is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times. This machine has been designed to perform one job: to mow grass. Do not use it for any other purpose.
- Never allow children under 14 years of age to operate this machine. Children 14 and over should read and understand the instructions and safe operation practices in this manual and on the machine and should be trained and supervised by an adult.
- Only responsible individuals who are familiar with these rules of safe operation should be allowed to use this machine.
- Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones, toys and other foreign objects, which could be tripped over or picked up and thrown by the blade. Thrown objects can cause serious personal injury.
- Plan your mowing pattern to avoid discharge of material toward roads, sidewalks, bystanders and the like. Also, avoid discharging material against a wall or obstruction, which may cause discharged material to ricochet back toward the operator.
- To help avoid blade contact or a thrown object injury, stay in operator zone behind handles and keep children, bystanders, helpers and pets at least 75 feet from mower while it is in operation. Stop machine if anyone enters area.
- Always wear safety glasses or safety goggles during operation and while performing an adjustment or repair to protect your eyes. Thrown objects which ricochet can cause serious injury to the eyes.
- Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Shirts and pants that cover the arms and legs and steel-toed shoes are recommended. Never operate this machine in bare feet, sandals, slippery or light-weight (e.g. canvas) shoes.
- Do not put hands or feet near rotating parts or under the cutting deck. Contact with blade can amputate fingers, hands, toes and feet.
- A missing or damaged discharge cover can cause blade contact or thrown object injuries.
- Many injuries occur as a result of the mower being pulled over the foot during a fall caused by slipping or tripping. Do not hold on to the mower if you are falling: release the handle immediately.
- Never pull the mower back toward you while you are walking. If you must back the mower away from a wall or obstruction first look down and behind to avoid tripping and then follow these steps:
 - a. Step back from mower to fully extend your arms forward.
 - b. Be sure you are well balanced with sure footing.
 - c. Pull the mower back slowly, no more than half way toward you.
 - d. Repeat these steps as needed.
- Do not operate the mower while under the influence of alcohol or drugs.
- Do not engage the self-propelled mechanism on machines so equipped while starting engine.
- The blade control handle is a safety device. Never attempt to bypass its operation. Doing so makes the safety device inoperative and may result in personal injury through contact with the rotating blade. The blade control handle must operate easily in both directions and automatically return to the disengaged position when released.
- Never operate the mower in wet grass. Always be sure of your footing. A slip and fall can cause serious personal injury. If you feel you are losing your footing, release the blade control handle immediately and the blade will stop rotating within three seconds.
- Mow only in daylight or good artificial light. Walk, never run.
- Stop the blade when crossing gravel drives, walks or roads.
- If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
- Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or undogging the chute. The cutting blade continues to rotate for a few seconds after the blade control is released.
- Never place any part of the body in the blade area until you are sure the blade has stopped rotating.
- Never operate mower without proper trail shield, discharge cover, grass catcher, blade control handle or other safety protective devices in place and working. Never operate mower with damaged safety devices. Failure to do so can result in personal injury.
- Muffler and engine become hot and can cause a burn. Do not touch.

SAFETY INSTRUCTIONS

- Never attempt to make a wheel or cutting height adjustment while the engine is running.
- Only use parts and accessories made for this machine by the manufacturer as listed in the Parts pages of this Operator's Manual. Failure to do so can result in personal injury.
- When starting engine, pull cord slowly until resistance is felt, then pull rapidly. Rapid retraction of starter cord (kickback) will pull hand and arm toward engine faster than you can let go. Broken bones, fractures, bruises or sprains could result.
- If situations occur which are not covered in this manual, use care and good judgement.

SLOPE OPERATION

Slopes are a major factor related to slip and fall accidents, which can result in severe injury. Operation on slopes requires extra caution. If you feel uneasy on a slope, do not mow it. For your safety, use the Slope Guide included as part of this manual to measure slopes before operating this machine on a sloped or hilly area. If the slope is greater than 15 degrees, do not mow it.

Do:

- Mow across the face of slopes; never up and down. Exercise extreme caution when changing direction on slopes.
- Watch for holes, ruts, rocks, hidden objects, or bumps which can cause you to slip or trip. Tall grass can hide obstacles.
- Always be sure of your footing. A slip and fall can cause serious personal injury. If you feel you are losing your balance, release the blade control handle immediately and the blade will stop rotating within three (3) seconds.

Do Not:

- Do not mow near drop-offs, ditches or embankments, because you could lose your footing or balance.
- Do not mow slopes greater than 15 degrees as shown on the slope guide.
- Do not mow on wet grass. Unstable footing could cause slipping.

CHILDREN

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the mower and the mowing activity. They do not understand the dangers. Never assume that children will remain where you last saw them.

- Keep children out of the mowing area and under watchful care of a responsible adult other than the operator.
- Be alert and turn mower off if a child enters the area.
- Before and while moving backwards, look behind and down for small children.
- Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your vision of a child who may run into the mower.
- Keep children away from hot or running engines. They can suffer burns from a hot muffler.
- Never allow children under 14 years of age to operate this machine. Children 14 and over should read and understand the instructions and safe operation practices in this manual and on the machine and be trained and supervised by an adult.

SERVICE

Safe Handling of Gasoline

To avoid personal injury or property damage use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive. Serious personal injury can occur when gasoline is spilled on yourself or your clothes which can ignite. Wash your skin and change clothes immediately.

- Use only an approved gasoline container.
- Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.
- Remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment on a trailer with a portable container, rather than from a gasoline dispenser nozzle.
- Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete. Do not use a nozzle lock-open device.
- Extinguish all cigarettes, cigars, pipes and other sources of ignition.
- Never fuel machine indoors because flammable vapors will accumulate in the area.
- Never remove gas cap or add fuel while engine is hot or running. Allow engine to cool at least two minutes before refueling.
- Never over-fill fuel tank. To allow for expansion of the fuel, do not fill above the bottom of the fuel tank neck.
- Replace gasoline cap and tighten securely.
- If gasoline is spilled, wipe it off the engine and equipment. Move machine to another area. Wait 5 minutes before starting engine.
- Never store the machine or fuel container near an open flame, spark or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.
- To reduce fire hazard, keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel-soaked debris.
- Allow machine to cool at least 5 minutes before storing.

SAFETY INSTRUCTIONS

GENERAL SERVICE

Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.

- Before cleaning, repairing, or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire and ground against the engine to prevent unintended starting.
- Check the blade and engine mounting bolts at frequent intervals for proper tightness. Also, visually inspect blade for damage (e.g., bent, cracked, worn).
- Replace blade with the original equipment manufacturer's (O.E.M.) blade only, listed in the Parts pages of this manual. Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!
- Mower blades are sharp and can cut. Wrap the blade or wear gloves, and use extra caution when servicing them.
- Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
- Never tamper with safety devices. Check their proper operation regularly.
- After striking a foreign object, stop the engine, disconnect the spark plug wire and ground against the engine. Thoroughly inspect the mower for any damage. Repair the damage before starting and operating the mower.
- Never attempt to make a wheel or cutting height adjustment while the engine is running.
- Grass catcher components, discharge cover, and trail shield are subject to wear and damage which could expose moving parts or allow objects to be thrown. For safety protection, frequently check components and replace immediately with original equipment manufacturer's (O.E.M.) parts only, listed in the Parts pages of this manual. Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!
- Do not change the engine's governor setting or over-speed the engine. The governor controls the maximum safe operating speed of the engine.
- Check fuel line, tank, cap, and fittings frequently for cracks or leaks. Replace if necessary.
- Do not crank engine with spark plug removed.
- Maintain or replace safety and instruction labels, as necessary.
- Observe proper disposal laws and regulations. Improper disposal of fluids and materials can harm the environment.
- According to the Consumer Products Safety Commission (CPSC) and the U.S. Environmental Protection Agency (EPA), this product has an Average Useful Life of seven (7) years, or 140 hours of operation. At the end of the Average Useful Life have the machine inspected annually by a qualified service dealer to ensure that all mechanical and safety systems are working properly and not worn excessively. Failure to do so can result in accidents, injuries or death.

DO NOT MODIFY ENGINE

To avoid serious injury or death, do not modify engine in any way. Tampering with the governor setting can lead to a runaway engine and cause it to operate at unsafe speeds. Never tamper with factory setting of engine governor.

NOTICE REGARDING EMISSIONS

Engines which are certified to comply with California and federal EPA emission regulations for SORE (Small Off Road Equipment) are certified to operate on regular unleaded gasoline, and may include the following emission control systems: Engine Modification (EM), Oxidizing Catalyst (OC), Secondary Air Injection (SAI) and Three Way Catalyst (TWC) if so equipped.

SPARK ARRESTOR

WARNING

This machine is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brushcovered or grass-covered land unless the engine's exhaust system is equipped with a spark arrestor meeting applicable local or state laws (if any).





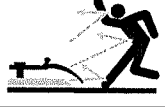




If a spark arrestor is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands.

A spark arrestor for the muffler is available through your nearest Briggs and Stratton dealer.

SAFETY INSTRUCTIONS

SAFETY SYMBOLS

This page depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.

Symbol	Description
	READ THE OPERATOR'S MANUAL(S) Read, understand, and follow all instructions in the manual(s) before attempting to assemble and operate.
	DANGER — ROTATING BLADES To reduce the risk of injury, keep hands and feet away. Do not operate unless discharge cover or grass catcher is in its proper place. If damaged, replace immediately.
	DANGER — BYSTANDERS Do not mow when children or others are around.
	DANGER — HAND/ FOOT CUT Keep hands and feet away from rotating parts.
	DANGER — THROWN DEBRIS Remove objects that can be thrown by the blade in any direction. Wear safety glasses.
	DANGER — SLOPES Use extra caution on slopes. Do not mow slopes greater than 15°.
	WARNING—GASOLINE IS FLAMMABLE Allow the engine to cool at least two minutes before refueling.
	WARNING— CARBON MONOXIDE Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.
	WARNING— HOT SURFACE Engine parts, especially the muffler, become extremely hot during operation. Allow engine and muffler to cool before touching.



WARNING: Your Responsibility—Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.

SAVE THESE INSTRUCTIONS!

SLOPE GAUGE

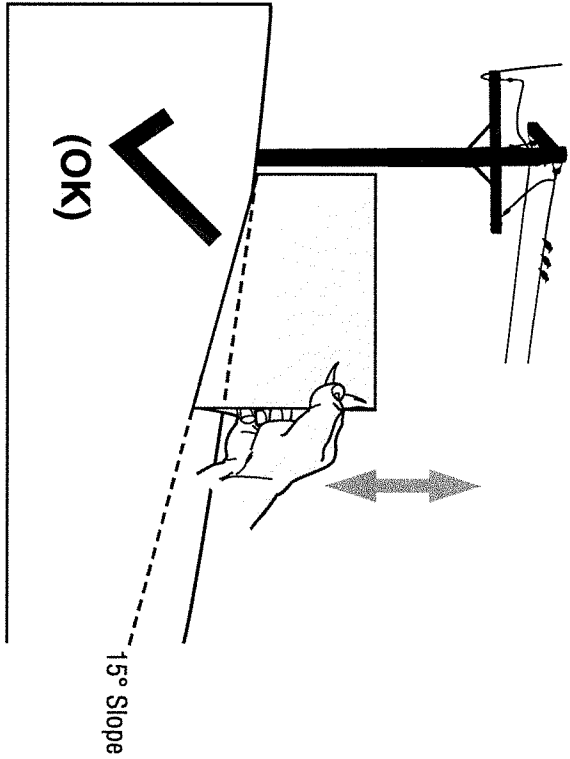


Figure 1

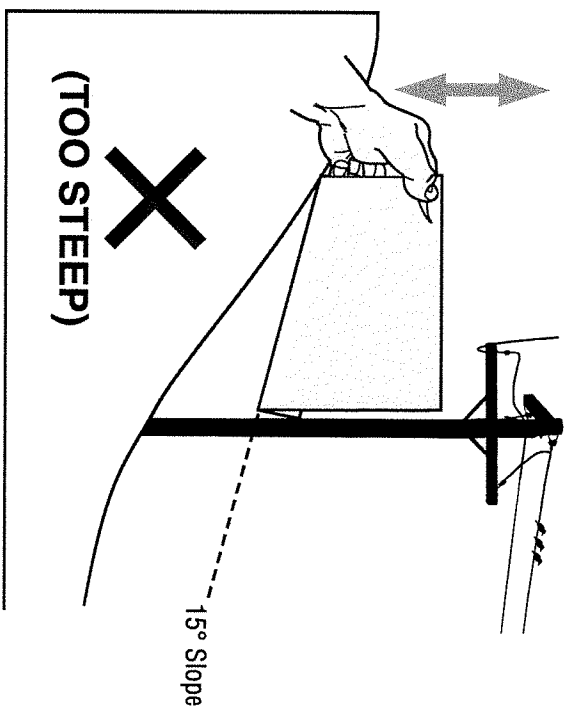


Figure 2

USE THIS SLOPE GAUGE TO DETERMINE IF A SLOPE IS TOO STEEP FOR SAFE OPERATION!

To check the slope, proceed as follows:

1. Remove this page and fold along the dashed line.
2. Locate a vertical object on or behind the slope (e.g. a pole, building, fence, tree, etc.)
3. Align either side of the slope gauge with the object (See Figure 1 and Figure 2).
4. Adjust gauge up or down until the left corner touches the slope (See Figure 1 and Figure 2).
5. If there is a gap below the gauge, the slope is too steep for safe operation (See Figure 2 above).

15° dashed line

⚠ WARNING

Slopes are a major factor related to tip-over and roll-over accidents which can result in severe injury or death. Do not operate machine on slopes in excess of 15 degrees. All slopes require extra caution. Always mow across the face of slopes, never mow up and down slopes.

ASSEMBLY

IMPORTANT: This unit is shipped without gasoline or oil in the engine. Make sure to service engine with gasoline and oil as instructed in the Engine Manual before starting or running the machine.

NOTE: Reference to right and left hand side of the Lawn Mower is observed from the operating position.

OPENING CARTON

1. Cut each corner of the carton vertically from top to bottom.
2. Remove all loose parts.
3. Remove loose packing material.

REMOVING UNIT FROM CARTON

1. Lift unit from the rear to detach it from underlying carton material and roll unit out of carton.
2. Check carton thoroughly for any other loose parts.

Loose parts in carton

- Upper Handle Knobs with bolts/washers (Qty. 2)
- Lower Handle Knobs with bolts/washers (Qty. 2)
- Cable Fasten Hook (Qty. 2)
- Side Discharge Cover
- Bottle of oil
- User Manual/Engine Manual

ASSEMBLY

Attach Handle

IMPORTANT: Do not crimp the cables when assembling the handle.

1. Stabilize the mower so it does not move. Attached the lower handles and secure them using the star knobs, washers, and carriage bolts (Figure 2).
2. Attach the upper handle
 - a. Secure the upper handle using the star knobs, washers, and carriage bolts (Figure 3).
 - b. Use the cable clamps to secure the control cables to the upper and lower handles (Figure 3).

IMPORTANT: To reduce wear and allow for proper operation, make sure to leave some slack in the upper portion of the cable.

Attach Starter Rope

3. Position the starter rope.
 - a. Hold the blade control handle against the upper handle.
 - b. Slowly pull starter rope handle from engine and slip starter rope into the rope guide.

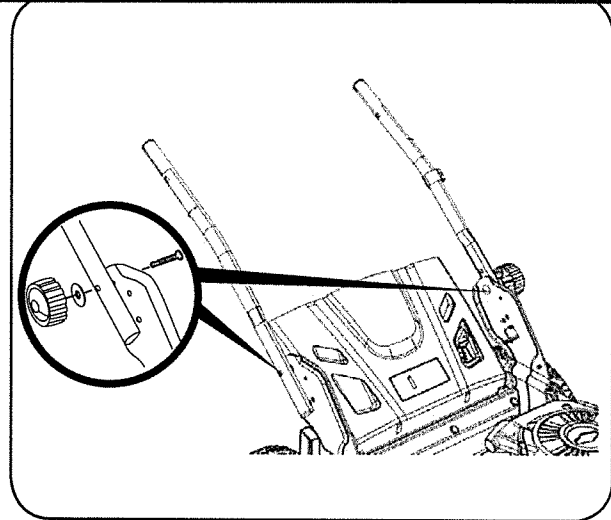


Figure 2

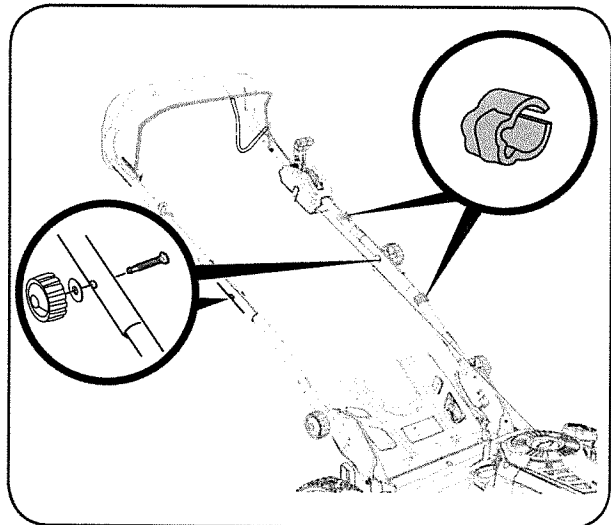


Figure 2

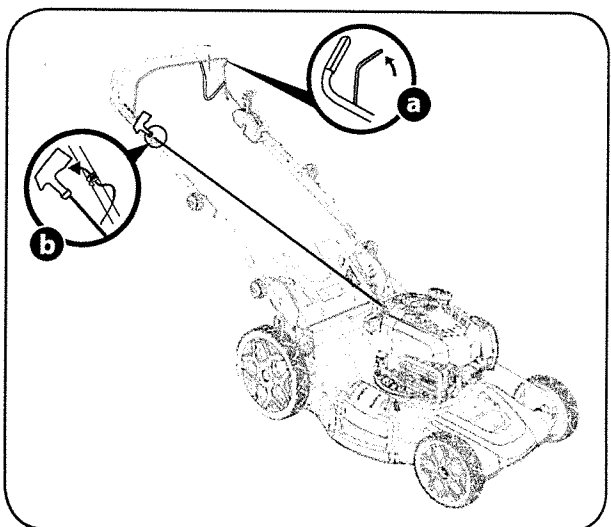


Figure 4

ASSEMBLY

Attaching Grass Catcher

Follow steps below to attach the grass catcher:

- a. Lift rear discharge door (Figure 5).
- b. Remove the mulch plug (Figure 5).
- c. Place grass catcher into the slots in the handle brackets (Figure 5). Let go of discharge door so that it rests on the grass catcher.

To remove grass catcher, lift rear discharge door on the mower. Lift grass catcher up and off the slots in the handle brackets. Release rear discharge door to allow it to close rear opening of mower.

Rear Discharge

Your mower is shipped as a mulcher. To convert to rear discharge, make sure the grass catcher is off, the mulching plug removed, and the mulching cover is closed (Figure 5 and Figure 7).

1. Slightly lift the rear discharge door.
2. Lift the rear discharge handle to extend it on the back side of the discharge door (Figure 6).
3. Lower the rear discharge door.

Attaching Side Discharge Cover

Your mower is shipped as a mulcher. To convert to side discharge, make sure the grass catcher is off of the unit and the rear discharge door is closed.

1. On the side of the mower, lift the mulching cover (Figure 7).
2. Slide two hooks of side discharge cover under hinge pin on mulching cover assembly (Figure 7). Lower mulching cover. Do not remove side mulching cover at any time, even when you are not mulching.

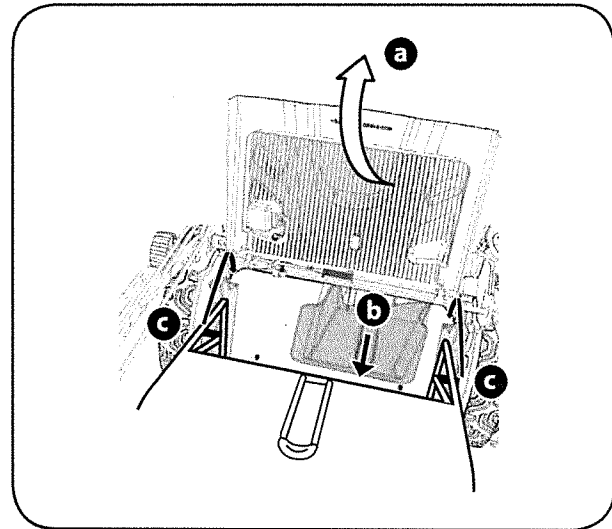


Figure 5

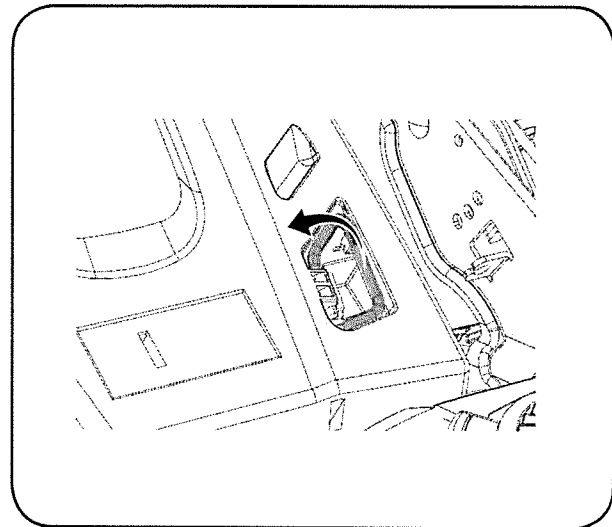


Figure 6

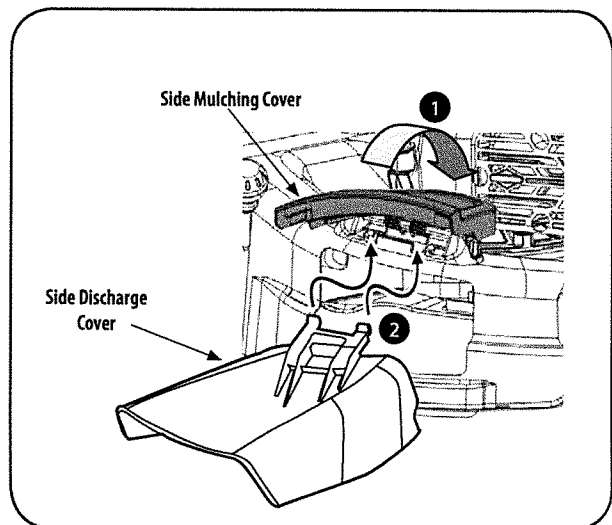


Figure 7

ASSEMBLY

ADJUSTMENTS

Handle Pitch

For convenience of operation, you can adjust the pitch of the handle as follows:

1. Remove star knobs and carriage bolts from the lower handle (Figure 8).
2. Position the handle in one of the two positions that is most comfortable.
3. Secure into position with star knobs and carriage bolts removed earlier.

Cutting Height

There is a cutting height adjustment lever located above the rear left wheel.

1. Pull the height adjustment lever outward towards wheel (unit will tend to fall when lever is moved outward). See Figure 9.
2. Move lever to desired position for a change in cutting height (Figure 9).
3. Release lever towards deck.

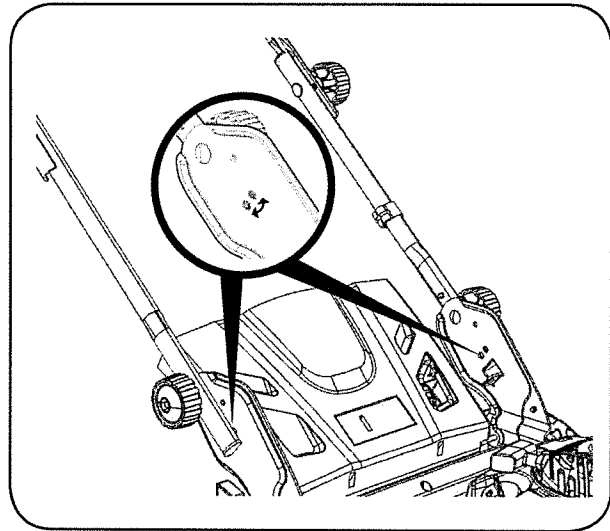


Figure 8

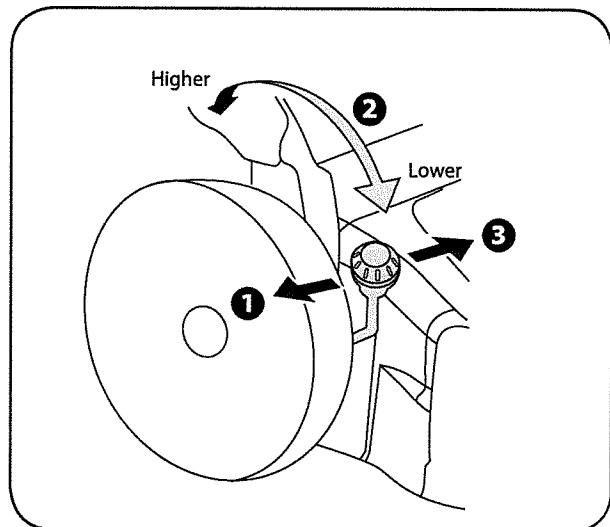


Figure 9

OPERATION

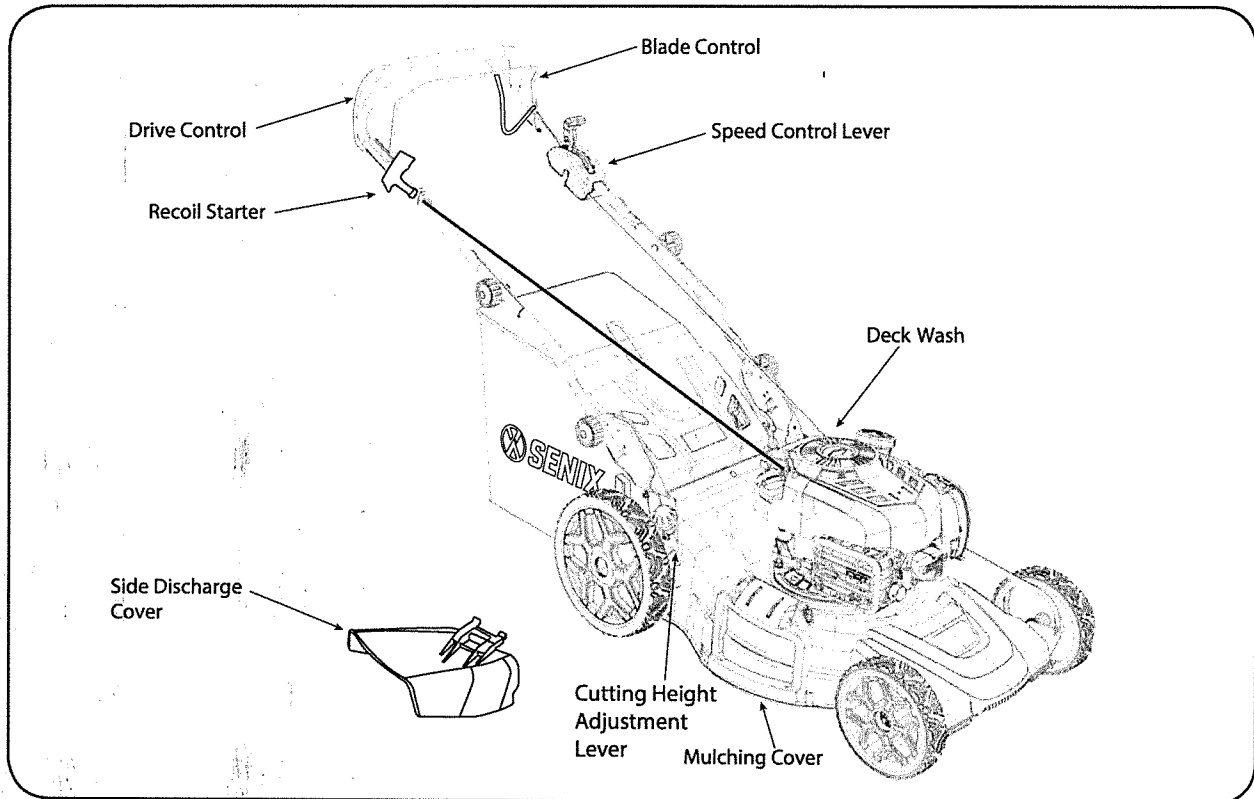


Figure 10

BLADE CONTROL

The blade control is attached to the upper handle of the mower. Depress and hold against the upper handle to operate the unit. Release it to stop the engine and blade.

⚠ WARNING

This blade control is a safety device. Never attempt to bypass its operation.

DRIVE CONTROL

The drive control is located on the upper handle and is used to engage the drive. Pushing the control forward will engage the drive. Once pressure is released from the control it will return to the neutral position and the drive will be disengaged.

CUTTING HEIGHT ADJUSTMENT LEVER

The cutting height adjustment lever is located above the right rear wheel. To adjust the cutting height, refer to the Assembly Section.

DECK WASH

Your mower's deck is equipped with a water port on its surface as part of its deck wash system. Use the deck wash to rinse grass clippings from the deck's underside.

MULCHING COVER

The mulching cover is used for mulching purposes. Instead of collecting the grass clippings in a grass catcher or using the side discharge chute, some mower models have the option of recirculating the clippings back to the lawn. This is called mulching.

SIDE DISCHARGE COVER

Your mower is shipped as a mulcher. To discharge the grass clippings to the side instead, follow the instructions in the Assembly section to attach the side discharge cover.

⚠ WARNING

Keep hands and feet away from the chute area on cutting deck. Refer to warning label on the unit.

RECOIL STARTER

The recoil starter is attached to the right upper handle. Stand behind the unit, depress and hold the blade control handle, then pull the recoil starter rope to start the unit.

OPERATION

⚠ WARNING

Make sure no one other than the operator is standing near the lawn mower while starting engine or operating mower. Never run engine indoors or in enclosed, poorly ventilated areas. Engine exhaust contains carbon monoxide, an odorless and deadly gas. Keep hands, feet, hair and loose clothing away from any moving parts on engine and lawn mower.

TO START ENGINE

1. Standing behind the mower, pull the blade control handle back against the upper handle (Figure 11).
2. While holding the blade control against the upper handle, grasp the recoil starter handle and pull rope out with a rapid, continuous, full arm stroke (Figure 11). Keeping a firm grip on the starter handle, let the rope rewind slowly. Repeat until engine starts. Let the rope rewind each time slowly.

⚠ WARNING

Keep a firm grip on the starter cord handle to prevent rapid retraction of starter cord (kickback). Rapid retraction can pull hand and arm toward engine faster than you can let go, and result in broken bones, fractures, bruises or sprains.

TO STOP ENGINE

1. Release the blade control to stop the engine and blade.

⚠ WARNING

Wait for the blade to stop completely before performing any work on the mower.

USING YOUR LAWN MOWER

Be sure lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. Such objects could be accidentally thrown by the mower in any direction and cause serious personal injury to the operator and others.

⚠ WARNING

The operation of any lawn mower can result in foreign objects being thrown into the eyes, which can damage your eyes severely. Always wear safety glasses while operating the mower, or while performing any adjustments or repairs on it.

⚠ WARNING

If you strike a foreign object, stop the engine. Disconnect the spark plug wire, thoroughly inspect mower for any damage, and repair damage before restarting and operating. Extensive vibration of mower during operation is an indication of damage. The unit should be promptly inspected and repaired. Refer to the Engine Manual.

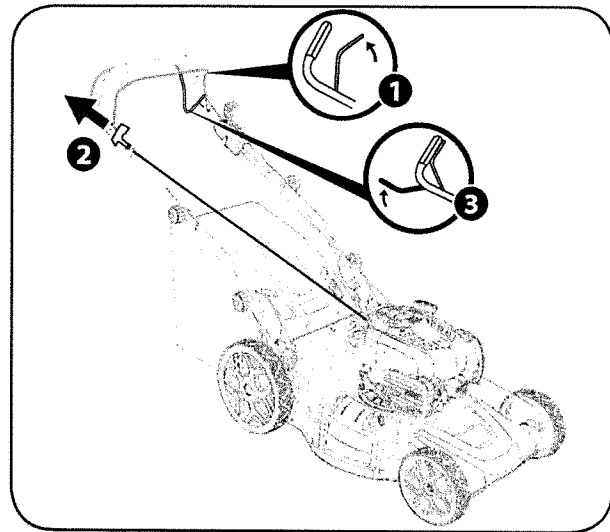


Figure 11

Using Your Lawn Mower

Be sure lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. Such objects could be accidentally thrown by the mower in any direction and cause serious personal injury to the operator and others.

1. Hold the blade control against the upper handle (Figure 11).
2. Start the engine (Figure 11).
3. Once the engine is running, pull and hold the drive control handle together with the blade control handle to propel the mower forward at the speed set on the speed control lever (Figure 11). Once pressure is released from the drive control it will return to the neutral position and the drive will be disengaged.

Using as Mulcher

For mulching grass, remove the grass catcher and side discharge chute from the mower. For effective mulching, do not cut wet grass. If the grass has been allowed to grow in excess of four inches, mulching is not recommended. Use the grass catcher to bag clippings instead.

Using Grass Catcher

You can use the grass catcher to collect clippings while you are operating the mower.

1. Attach grass catcher following instructions in the Assembly Section. Grass clippings will automatically collect in bag as you run mower. Operate mower until grass bag is full.
2. Stop engine completely by releasing the blade control. Make sure that the unit has come to a complete stop.
3. Lift discharge door and pull grass bag up and away from the mower to remove the bag. Dispose of the grass clippings and reinstall the bag when complete.

NOTE: Make sure to clean any excess grass from around the rear opening of the mower, especially between the transmission cover and sidewall on the left hand side and along the bottom, to ensure tight fit of bag onto mower.

OPERATION

Variable Drive Control

Ground speed varies with terrain, slope, grass height, etc. Increasing or decreasing the mower speed allows you to maintain the desired speed under changing mowing conditions. Four speeds are available, position 1 is slowest speed, position 4 is the fastest speed.

With the engine running and the blades rotating, set the drive control lever to position 1. Push the drive control handle forward to propel the mower. Ground speed will increase as the drive control lever is moved from position 1 to position 4 (Figure 12).

Release the drive control handle to disengage the drive when mowing around trees and obstacles. Push the mower around obstacles for better control.

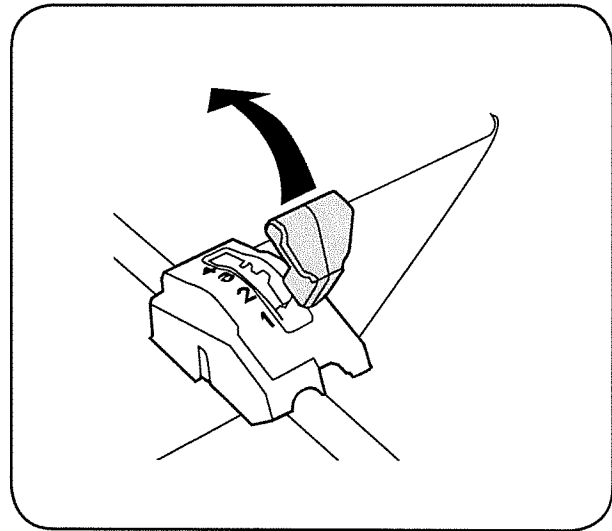


Figure 12

SERVICE AND MAINTENANCE

WARNING

Before performing any type of maintenance/service, disengage all controls and stop the engine. Wait until all moving parts have come to a complete stop. Disconnect spark plug wire and ground it against the engine to prevent unintended starting.

Follow the maintenance schedule given below. This chart describes service guidelines only. Use the Service Log column to keep track of completed maintenance tasks. To refer to engine manual for nearest Briggs and Stratton dealer.

Interval	Item	Service	Service Log
Each use	1. Engine oil level 2. Loose or missing hardware 3. Unit and engine	1. Check 2. Tighten or replace 3. Clean	
1st 5 hours	1. Engine oil	1. Change	
Annually or 25 hours	1. Spark Plug 2. Control linkages/pivots and wheels 3. Underside of mower deck ²	1. Check 2. Lube with light oil 3. Clean	
Annually or 50 hours	1. Air filter & Pre-Cleaner (If Equipped) ¹ 2. Engine Oil	1. Clean 2. Change	
Annually or 200 hours	1. Air filter & Pre-Cleaner ¹	1. Change	
Annually	1. Spark plug	1. Replace	
Before Storage	1. Fuel system	1. Run engine until it stops from lack of fuel, or add stabilizer to a full tank of fresh fuel prior to storage.	

¹ Clean more often under dusty conditions or when airborne debris is present.

² Check and clean more often if mower is typically used in the mulching configuration.

WARNING

Always stop engine, disconnect spark plug wire, and ground against engine before performing any type of maintenance on your machine.

GENERAL RECOMMENDATIONS

- Always observe safety rules when performing any maintenance.
- The warranty on this lawn mower does not cover items that have been subjected to operator abuse or negligence. To receive full value from warranty, operator must maintain the equipment as instructed here.
- Changing of engine-governed speed will void engine warranty.
- All adjustments should be checked at least once each season.
- Periodically check all fasteners and make sure these are tight.

CLEAN ENGINE

- Daily or before every use, clean grass, chaff or accumulated debris from engine. Keep linkage, spring, and controls clean. Keep area around and behind muffler free of any combustible debris.
- Keeping engine clean allows air movement around engine.
- Engine parts should be kept clean to reduce the risk of overheating and ignition of accumulated debris.

CAUTION

Do not use water to clean engine parts. Water could contaminate fuel system. Use a brush or dry cloth.

SERVICE AND MAINTENANCE

DECK WASH

Your mower's deck is equipped with a water port on its surface as part of its deck wash system.

Use the deck wash to rinse grass clippings from the deck's underside and prevent the buildup of corrosive chemicals. Complete the following steps AFTER EACH MOWING:

1. Push the mower to a level, clear spot on your lawn, near enough for your garden hose to reach. Remove the grass bag if attached.

CAUTION

Make sure the discharge chute is directed AWAY from your house, garage, parked cars, etc.

2. Thread the hose coupler (user-supplied) onto the end of your garden hose.
3. Attach the hose coupler to the water port on your deck's surface (Figure 13).
4. Turn the water on.
5. Start the engine as described in the Operation section.
6. Run the engine for a minimum of two minutes, allowing the underside of the cutting deck to thoroughly rinse.
7. Release blade control to stop the engine and blade.
8. Turn the water off and detach the hose coupler from the water port on your deck's surface.

After cleaning your deck, restart the mower. Keep the engine and blade running for a minimum of two minutes, allowing the underside of the cutting deck to thoroughly dry.

BLADE CARE

WARNING

When removing the cutting blade for sharpening or replacement, protect your hands with a pair of heavy gloves or use a heavy rag to hold the blade.

Periodically inspect the blade adapter for cracks, especially if you strike a foreign object. Replace when necessary. Follow the steps below for blade service.

1. Disconnect spark plug boot from spark plug. Turn mower on its side making sure that the air filter and the carburetor are facing up.
2. Remove the bolt and the blade bell support which hold the blade and the blade adapter to the engine crankshaft (Figure 14).
3. To be careful not to lose or remove self propel pulley and washers.
4. Remove blade from the adapter for testing balance. Balance the blade on a round shaft screwdriver to check. Remove metal from the heavy side until it balances evenly. When sharpening the blade, follow the original angle of grind. Grind each cutting edge equally to keep the blade balanced.
5. Lubricate the engine crankshaft and the inner surface of the blade adapter with light oil. Slide the blade adapter onto the engine crankshaft. Place the blade on the adapter such that the side of the blade marked "Bottom" (or with part number) faces the ground when the mower is in the operating position. Make sure that the blade is aligned and seated on the blade adapter flanges. See Figure 14 insert.

6. Place blade bell support on the blade. Align notches on the blade bell support with small holes in blade.

7. Replace hex bolt and tighten hex bolt to torque: 29.5-33.2 ft-lb (40-45 Nm) max.

WARNING

An unbalanced blade will cause excessive vibration when rotating at high speeds. It may cause damage to mower and could break causing personal injury.

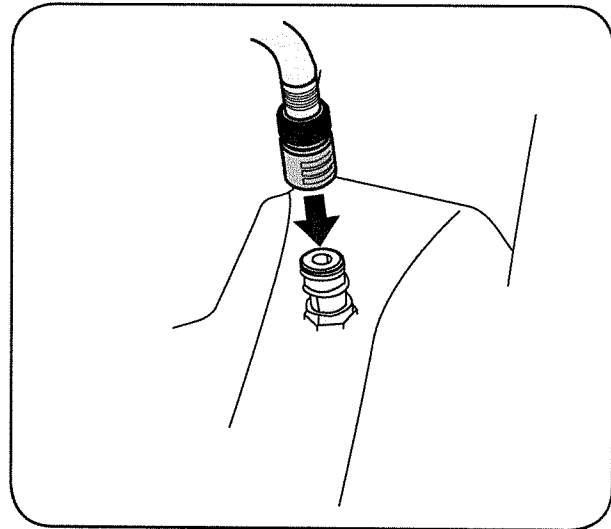


Figure 13

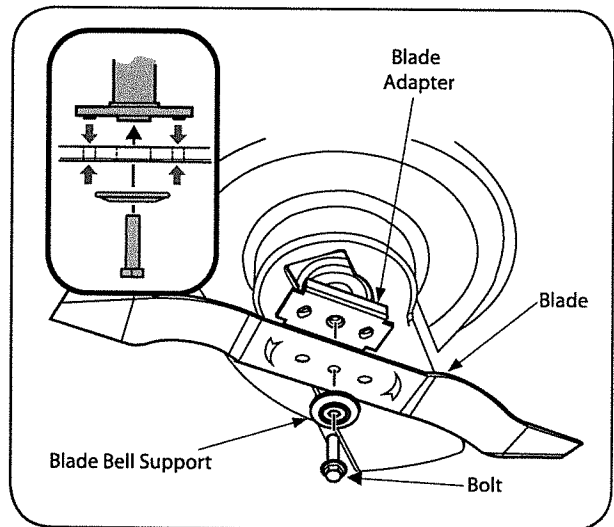


Figure 14

TROUBLESHOOTING

⚠ WARNING

Disconnect the spark plug wire and ground it against the engine to prevent unintended starting. Before performing any type of maintenance/service, disengage all controls and stop the engine. Wait until all moving parts have come to a complete stop. Always wear safety glasses during operation or while performing any adjustments or repairs.

This section addresses minor service issues. To refer to your engine manual to locate your nearest Briggs and Stratton service dealer.

Problem	Cause	Remedy
Engine Fails to start	<ol style="list-style-type: none"> 1. Blade control disengaged. 2. Spark plug boot disconnected. 3. Fuel tank empty or stale fuel. 4. Engine not primed (If equipped with primer). 5. Faulty spark plug. 6. Engine flooded. 7. Blocked fuel line. 	<ol style="list-style-type: none"> 1. Engage blade control. 2. Connect wire to spark boot. 3. Fill tank with clean, fresh gasoline. 4. Prime engine as instructed in the Operation section. 5. Clean, adjust gap, or replace. 6. Wait a few minutes to restart. 7. Contact your Briggs and Stratton dealer to clean the fuel line.
Engine runs erratic	<ol style="list-style-type: none"> 1. Spark plug boot loose. 2. Stale fuel. 3. Vent in gas cap plugged. 4. Water or dirt in fuel system. 5. Dirty air cleaner. 6. Blocked fuel line. 	<ol style="list-style-type: none"> 1. Connect and tighten spark plug boot. 2. Fill tank with clean, fresh gasoline. 3. Clear vent. 4. Run engine until it stops from lack of fuel. Refill with fresh fuel. 5. Refer to Air Cleaner in Engine Maintenance section. 6. Contact your Briggs and Stratton dealer to clean the fuel line.
Engine overheats	<ol style="list-style-type: none"> 1. Engine oil level low. 2. Air flow restricted. 	<ol style="list-style-type: none"> 1. Fill crankcase with proper oil. 2. Clean area around and on top of engine.
Occasional skips (hesitates)	<ol style="list-style-type: none"> 1. Spark plug gap too close. 	<ol style="list-style-type: none"> 1. Adjust gap. Refer to Spark Plug in Engine Maintenance section.
Idles poorly	<ol style="list-style-type: none"> 1. Spark plug fouled, faulty, or gap too wide. 2. Dirty air cleaner. 	<ol style="list-style-type: none"> 1. Reset gap or replace spark plug. 2. Refer to Air Cleaner in Engine Maintenance section.
Excessive vibration	<ol style="list-style-type: none"> 1. Cutting blade loose or unbalanced. 2. Bent cutting blade. 	<ol style="list-style-type: none"> 1. Tighten blade and adapter. Balance blade. 2. Replace blade.
Mower will not mulch grass	<ol style="list-style-type: none"> 1. Wet grass. 2. Excessively high grass. 3. Dull blade. 	<ol style="list-style-type: none"> 1. Do not mow when grass is wet; wait until later to cut. 2. Mow once at a high cutting height, then mow again at desired height or make a narrower cutting path. 3. Sharpen or replace blade.
Mower will not self propel	<ol style="list-style-type: none"> 1. Belt not installed properly. 2. Debris clogging drive operation. 3. Damaged or worn belt. 4. Drive control out of adjustment. 	<ol style="list-style-type: none"> 1. Check belt for proper pulley installation and movement. 2. Stop engine, disconnect spark plug boot, and clean out debris. 3. Inspect and replace belt. 4. Adjust drive control. See Drive Adjustment in Service & Maintenance section.
High pullback effort	<ol style="list-style-type: none"> 1. Pulling mower backwards before transmission disengages. 	<ol style="list-style-type: none"> 1. Allow the unit to roll forward slightly without the drive lever(s) engaged before pulling backwards.

WARRANTY

LIMITED TWO-YEAR WARRANTY

2-year limited warranty on all Senix B&S series gasoline powered equipment.

FOR TWO YEARS from the original date of retail purchase this Senix product is warranted against defects in materials or workmanship on power tools. Defective product will receive free repair.*

This warranty does not cover normal wear of parts and components such as cutting chain, line or blades nor does this warranty cover product transportation cost for warranty or service.

Warranty is subject to the following conditions:

- For engine parts issue, please refer to your engine manual to locate the nearest authorized service dealer for any warranty related issues
- Warranty applies to the original purchaser at retail and is not transferrable*
- Warranty Registration at www.senixtools.com

authorized service center

- Only genuine Senix accessories have been used with or on this product
- The tool has been subjected to normal wear and tear
- The tool has not been used for trade or professional purposes
- The tool has not been used for rental purposes
- This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse (including overloading the product, exposure to water or rain) accidents, neglect or lack of proper installation and improper maintenance or storage.

To locate your nearest Senix service provider call toll free at 1-800-261-3981 or email us at service@senixtools.com.

Additional Limitations

purpose, are limited to two years from the date of purchase on power tools and chargers and seven years on batteries. The manufacturer is not responsible for direct, indirect, incidental or consequential damages. Some states and provinces do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental damages, so the above limitations and exclusions may not apply to you. This

province to province.

The SENIX TOOLS declines any responsibility in regard to civil liability arising from abusive use or not in conformity with proper use and maintenance of the machine as described in the operator's manual.

SENIX TOOLS is not responsible for direct, indirect, incidental or consequential damages.

After the purchase, the manufacturer recommends proper maintenance of the machine and to read the operator's manual before using the machine.





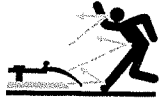




*Original purchase receipt may be required for proof of purchase

For customer support please call 1-800-261-3981 or go online at support@senixtools.com

INSTRUCCIONES DE SEGURIDAD

SÍMBOLOS DE SEGURIDAD

Esta página representa y describe la seguridad los símbolos que pueden parecer en este producto. Lea, comprenda, y siga todas instrucciones en la máquina antes procurar para reunir y operar.

Símbolo	Descripción
	LEA EL MANUAL(S) DEL OPERADOR Lea, comprenda, y siga todas instrucciones en el manual (manuales) antes procurar para reunir y operar.
	PELIGRO- GIRANDO HOJAS Para reducir el riesgo de herida, guarde manos y pies lejos, No funcione a menos que la tapa de descarga o el receptor de hierba estén en su lugar apropiado, De ser dañado, sustituya inmediatamente.
	PELIGRO- ESPECTADORES No siegue cuando los niños o los otros están alrededor.
	PELIGRO- DÉ EL CORTE DE PIE/ Guarde ma nos y pies lejos de hacer girar partes.
	PELIGRO-ESCOMBROS LANZADOS Quite objetos que pueden ser lanzados por la lámina en cualquier dirección, Lleve gafas de seguridad.
	PELIGRO- CUESTAS Use extra la precaución en cuestas, No siegue cuestas mayores que 15°.
	ADVERTENCIA DESPIDA Para reducir el riesgo de incendio mantenga la máquina limpia de pasto, hojas y de acumulación de otros escombros.
	ADVERTENCIA VAPORES TÓXICOS Nunca encienda un motor en espacios cerrados o en una zona con poca ventilación, El escape del motor contiene monóxido de carbono, un gas inodoro y letal.
	ADVERTENCIA- SUPERFICIE CALIENTE Las partes del motor, especialmente el silenciador, llega a ser muy caliente durante la operación, Permita motor y silenciador para ponerse frío antes de tocar.



ADVERTENCIA: Su responsabilidad-Restringir el uso de esta máquina motorizada a las personas que lean, comprendan y respeten las advertencias e instrucciones de este manual y en la máquina.

GUARDE ESTAS INSTRUCCIONES!

PENDIENTE DE CALIBRE

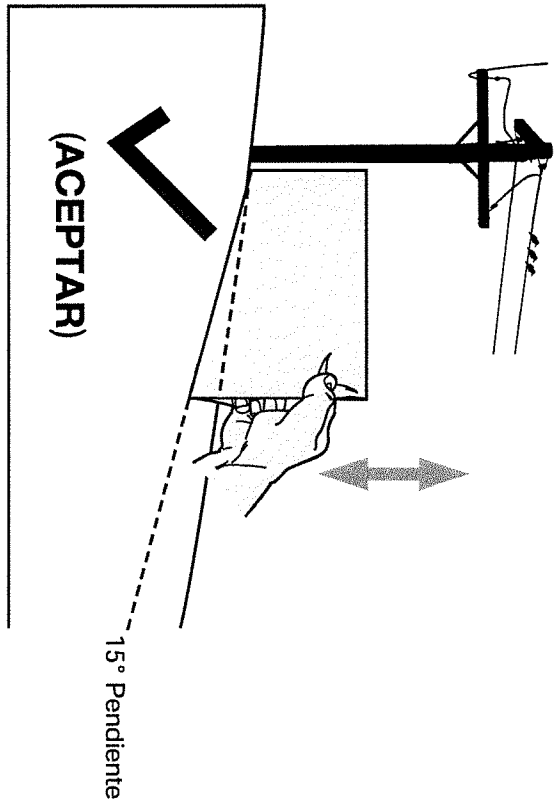


Figura 1

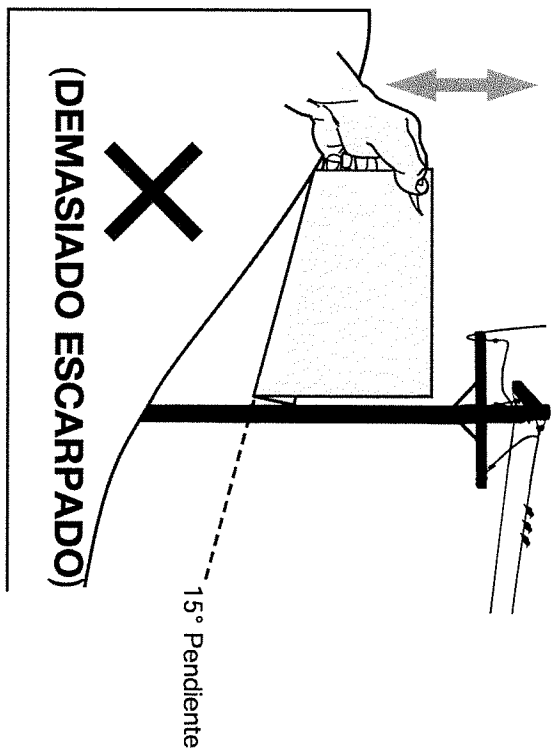


Figura 1

USO DE ESTE PENDIENTE DE CALIBRE PARA DETERMINAR SI UNA PENDIENTE ES DEMASIADO ESCARPADO PARA UNA OPERACIÓN SEGURA

Para comprobar la pendiente, haga lo siguiente:

1. Borrar esta página y doble a lo largo de la línea discontinua.
2. Localizar un objeto vertical sobre o detrás de la pendiente (un poste, un edificio, una valla, un árbol, etc.)
3. Alinee cada lado de pendiente de calibre con el objeto vertical (consultar Figura 1 and Figura 2).
4. Ajuste el pendiente de calibre arriba o hacia abajo hasta los toques esquina izquierda el pendiente (consultar Figura 1 and Figura 2).
5. Si hay un espacio par debajo de la pendiente de calibre, el pendiente es demasiado escarpado por operación segura (consultar Figura 2 above).

15° línea discontinua

⚠ ADVERTENCIA

Las pendientes son un factor importante relacionado con un vuelcos y renovación de los accidentes que pueden provocar lesiones graves o la muerte. No corte en inclinaciones mayores de 15 grados. Todas las pendientes requieren precaución extra. Opere las podadoras QUE SE EMPUJAN de manera que crucen el frente de las pendientes, nunca hacia arriba y hacia abajo.

MONTAJE

IMPORTANTE: Esta unidad se envía sin gasolina ni aceite en el motor. Antes de comenzar o correr la máquina cargue el motor con gasolina y aceite como se indica en la sección de operación de este manual.

APERTURA DE LA CAJA DE CARTÓN

1. Corte cada una de las esquinas de la caja verticalmente, de la parte superior a la base.
2. Saque todas las piezas sueltas.
3. Quite el material de empaque suelto.

CÓMO SACAR LA UNIDAD DE LA CAJA

1. Eleve la unidad desde la parte posterior para separarla del material de la caja que quede debajo y haga rodar la unidad fuera de la caja.
2. Verifique cuidadosamente si en la caja queda alguna parte suelta.

Piezas sueltas dentro de la caja

- Pernos, arandelas y tuercas de mariposa (Qty. 4)
- Atadura de cable (Qty. 2)
- Tolva de descarga lateral
- Instrucciones de uso/manual del motor
- Botella de aceite

MONTAJE

Montaje de la manija

IMPORTANT: No engarzado cable mientras levanta la palanca hacia arriba.

1. Si bien la estabilización de cortacésped por lo que no se mueve, fije la manija inferior con tuercas, arandelas y tuercas de mariposa (Figura 2).
2. Alinean con los agujeros en la manija inferior y fije manija asa superior con tuercas, arandelas y tuercas de mariposa (Figura 3).
 - a. La atadura de cable uso para garantizar cable para bajar de manejar.
3. Posicionar la la cuerda de arranque.
 - a. Sostenga la manija de control de la cuchilla contra la manija superior (Figura 4).
 - b. Jale la cuerda de arranque para sacarla del motor. Deslice la cuerda de arranque en la guía. Sujete el control de la cuchilla.
 - c. La atadura de cable uso para garantizar cable para bajar de manejar.

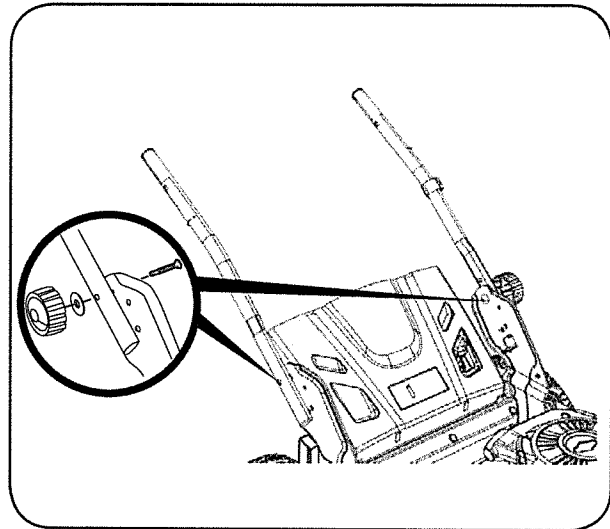


Figura 2

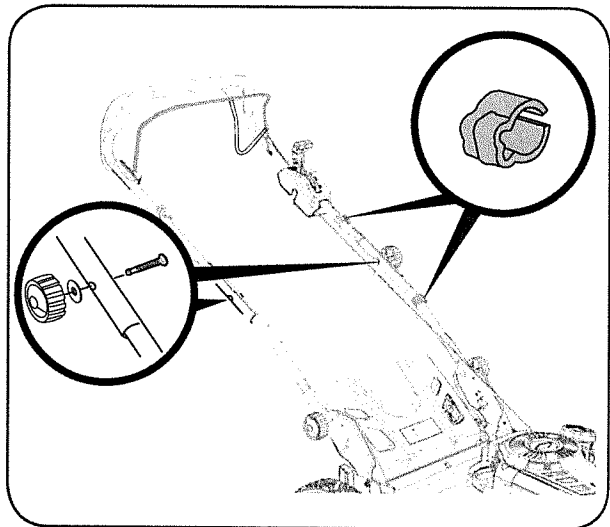


Figura 2

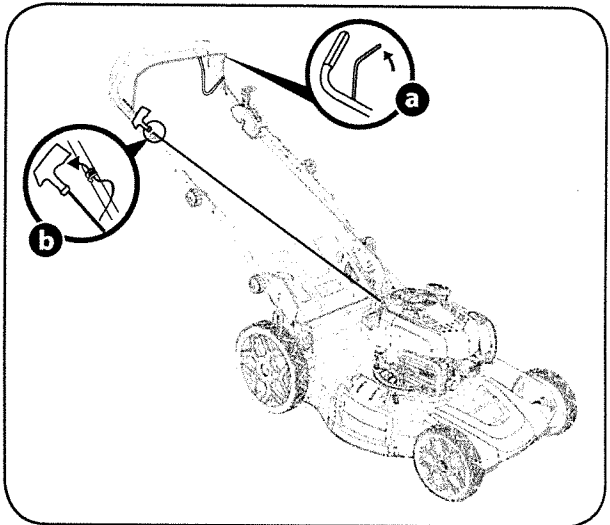


Figura 4

MONTAJE

Conexión de la colectora de césped

Para acoplar el colector de césped (Figura 5):

- a. Levante la puerta de descarga posterior.
- b. Retire el adaptador de mantillo.
- c. Lugar de colección de césped en las ranuras en el mango entre corchetes como se muestra en la Figura 8. Suelte la puerta de descarga de modo que descansa sobre el colector de césped.

Para quitar al receptor de hierba, levante la puerta de descarga trasera en el cortacésped. Ascensor césped y fuera de las ranuras en el mango entre paréntesis.

Conversión a Descarga Trasero

Su podadora ha sido enviada como abonadora. Si hace la conversión a descarga trasero, asegúrese de que el colector de césped esté fuera de la unidad. Retire el adaptador de mantillo y baje la puerta de descarga posterior (Figura 5 and Figura 7).

1. Levante la puerta de descarga posterior.
2. Levante el asa en la dirección indicada hasta que salga por completo. (Figura 6).
3. Baje la puerta de descarga posterior.

Conexión de Canal de Descarga Lateral

Su podadora ha sido enviada como abonadora. Si hace la conversión a descarga lateral, asegúrese de que el colector de césped esté fuera de la unidad y que la puerta de descarga trasera esté cerrada.

1. En el costado de la podadora, levante el adaptador para abono. Vea Figura 7.
2. Deslice los dos ganchos del canal de descarga lateral debajo del pasador de bisagra sobre el montaje del adaptador para abono. Baje el adaptador para abono. No extraiga la clavija para abono lateral en cualquier momento, aún cuando no esté abonando.

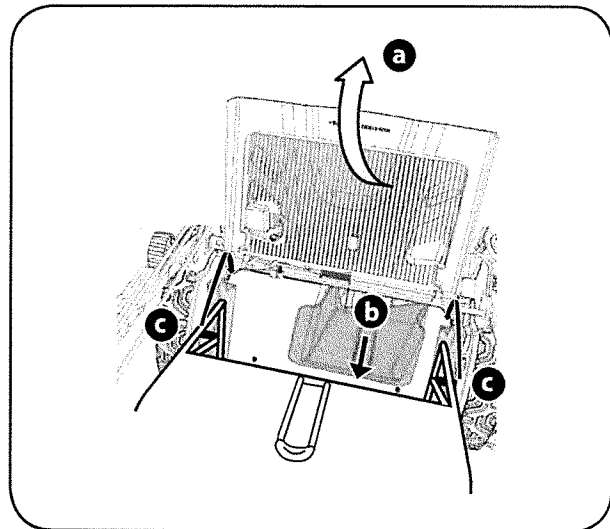


Figura 5

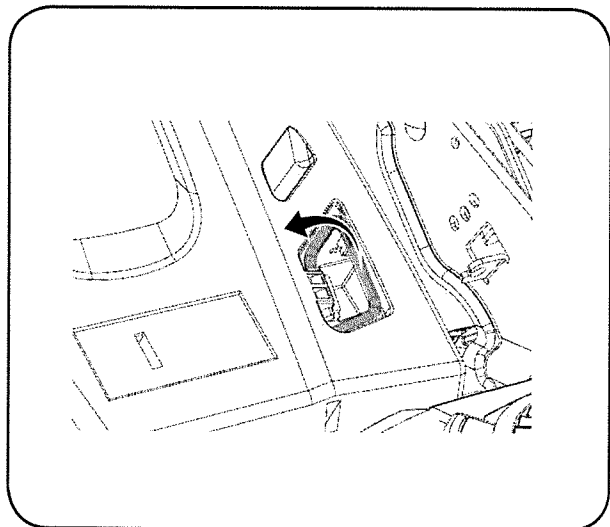


Figura 6

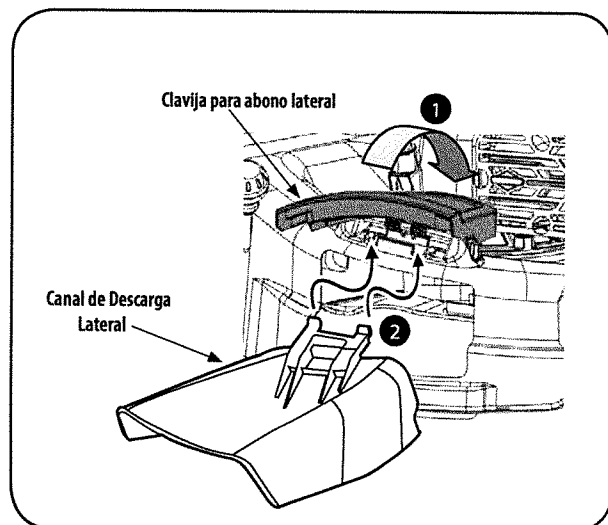


Figura 7

MONTAJE

AJUSTES

Inclinación de la manija

Por conveniencia de la operación, puede ajustar la inclinación de la manija de la siguiente manera:

1. Quite los tornillos, arandelas y tuercas de mariposa transporte de manejar. Vea la Figura 8.
2. Coloque el mango en una de las dos posiciones que se sienta más cómodo.
3. Fije la posición con tuercas, arandelas y tuercas de mariposa eliminado antes.

Altura de corte

Hay una palanca de ajuste de altura de corte, situado encima de la rueda trasera.

1. Presione la palanca hacia la rueda (unidad tenderá a caer cuando se suelta la palanca).
2. Muévela a cualquier de las posiciones para la altura de corte deseado. Vea la Figura 9.
3. Libere la palanca hacia la cubierta de la podadora.

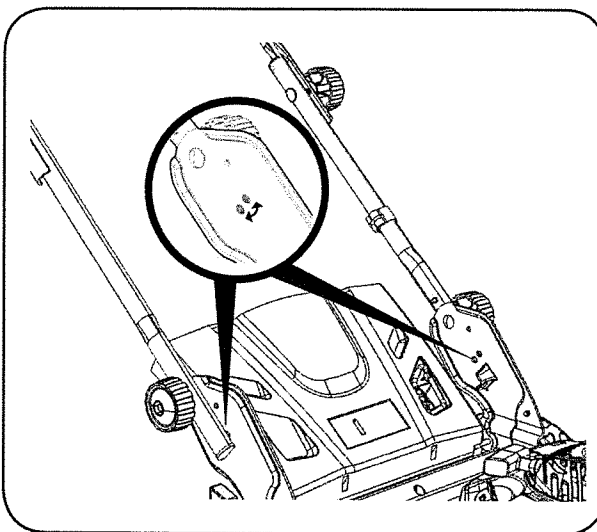


Figura 8

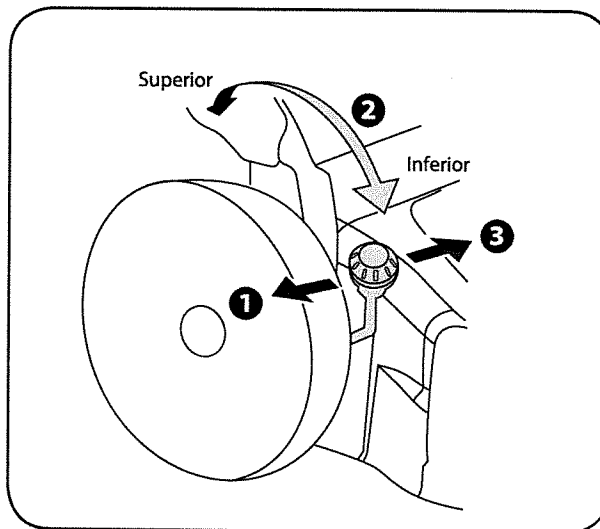


Figura 9

OPERACIÓN

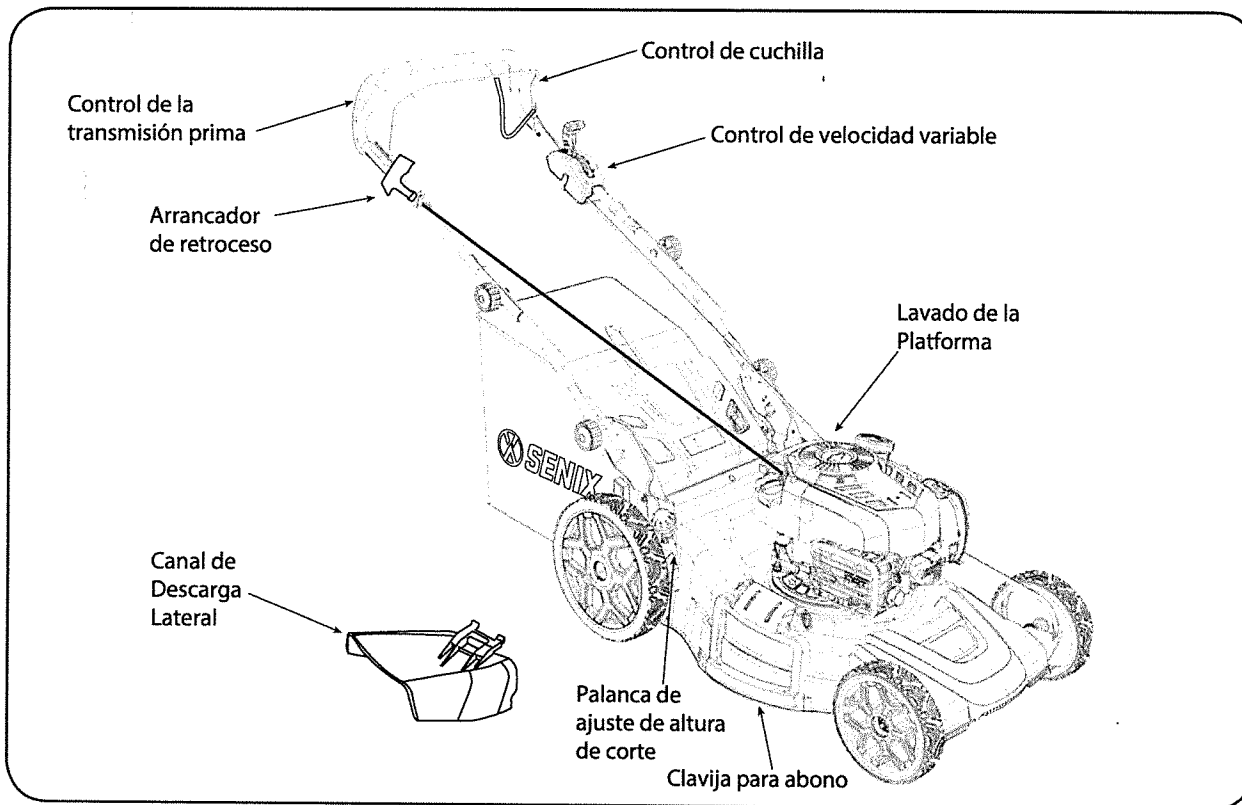


Figura 10

CONTROL DE CUCHILLA

El control de la cuchilla está unido a la manija superior. Presione y sostenga contra la manija superior para operar. Suelte la manija de control de la cuchilla para detener el motor y la cuchilla.

⚠ ADVERTENCIA

El control de la cuchilla es un dispositivo de seguridad. Nunca intente anular su funcionamiento.

CONTROL DE LA TRANSMISIÓN

El control de transmisión se encuentra ubicado por debajo de la manija superior y se utiliza para enganchar la transmisión. Al pulsar el mando hacia adelante se acoplará con el coche. Una vez que se libera la presión del control volverá a la posición neutral y la unidad se desactivará.

PALANCA DE AJUSTE DE LA ALTURA DE CORTE

La palanca de ajuste se encuentra en la rueda trasera derecha. Para ajustar la altura de corte, se refieren a la sección de Montaje.

LAVADO DE LA PLATAFORMA

La plataforma de su podadora está equipada con un puerto de agua sobre su superficie como parte del sistema de lavado de la plataforma. Utilice el lavado de la plataforma para lavar la parte inferior de la plataforma y quitar los recortes de césped.

CLAVIJA PARA ABONO

El adaptador para abono se utiliza únicamente para propósitos de abono. En vez de recolectar los recortes del césped en un colector de césped o canal de descarga lateral, algunos modelos de podadora tienen la opción de recircular los recortes en el césped. Esto se llama abonar.

CANAL DE DESCARGA LATERAL

Su cortacésped es transportado como un mulcher. Para descargar los recortes de periódico de hierba al lado en cambio, siga las instrucciones en la sección de Montaje para atar el canal de descarga lateral.

⚠ ADVERTENCIA

Mantenga sus manos y pies alejados del área del canal de la plataforma de corte. Consulte la etiqueta de advertencias en la unidad.

ARRANCADOR DE RETROCESO

El arrancador de retroceso está unido a la manija superior derecha. Presione y sostenga la manija de control de la cuchilla.

OPERACIÓN

⚠ ADVERTENCIA

Asegúrese de que ninguna persona aparte del operador permanezca cerca de la cortadora mientras arranca el motor u opera la misma. Nunca encienda el motor en espacios cerrados o en una zona con poca ventilación. El escape del motor contiene monóxido de carbono, un gas inodoro y letal. Mantenga las manos, los pies, el cabello y la ropa suelta alejados de las partes móviles del motor y de la cortadora.

PARA ENCENDER EL MOTOR

1. Colóquese detrás de la podadora, apriete la manija de control de la cuchilla y sosténgala contra la manija superior. (Figura 11).
2. Sostenga firmemente las dos manijas juntas, tome la manija del arrancador de retroceso y tire de la cuerda para sacarla con un movimiento rápido y continuo. Mantenga firme la manija del arrancador, deje que la cuerda regrese lentamente al arrancador. Repita hasta que el motor esté en marcha. Deje que la cuerda se enrosque lentamente de regreso.

⚠ ADVERTENCIA

De retracción rápida del cordón de arranque (soborno) tirará de mano y el brazo hacia el motor más rápido de lo que puede dejar ir. Las fracturas de huesos, fracturas, contusiones o esquinces podría resultar.

PARA DETENER EL MOTOR

1. Suelte la manija de control de la cuchilla para detener el motor y la cuchilla.

⚠ ADVERTENCIA

Espere a que la cuchilla se haya detenido por completo antes de hacer cualquier trabajo en la cortadora o de retirar el colector de césped.

USO DE LA CORTADORA DE CÉSPED

Asegúrese de que el césped está libre de piedras, palos, cables u otros objetos que pudiesen dañar la cortadora o el motor. Dichos objetos pueden ser arrojados accidentalmente por la cortadora en cualquier dirección y provocar lesiones personales graves al operador y a otras personas.

Una vez que el motor está en marcha y sin dejar de pulsar los controles de la hoja y en coche juntos, empujar la palanca de control hacia adelante para propulsar la podadora (Figura 11). Una vez que se libera la presión del control volverá a la posición neutral y la unidad se desactivará.

⚠ ADVERTENCIA

Al operar una cortadora de césped es posible que objetos extraños sean arrojados a los ojos, lo cual puede dañarlos gravemente. Utilice siempre gafas de seguridad durante la operación de la cortadora de césped o mientras la ajusta o repara.

⚠ ADVERTENCIA

Si golpea un objeto extraño, detenga el motor. Retire el cable de la bujía, inspeccione detenidamente la cortadora para ver que no tenga daños, y repare el daño antes de volver a encender y operar. El exceso de vibración de la cortadora durante la operación es una indicación de daño. Se debe inspeccionar y reparar la unidad lo antes posible.

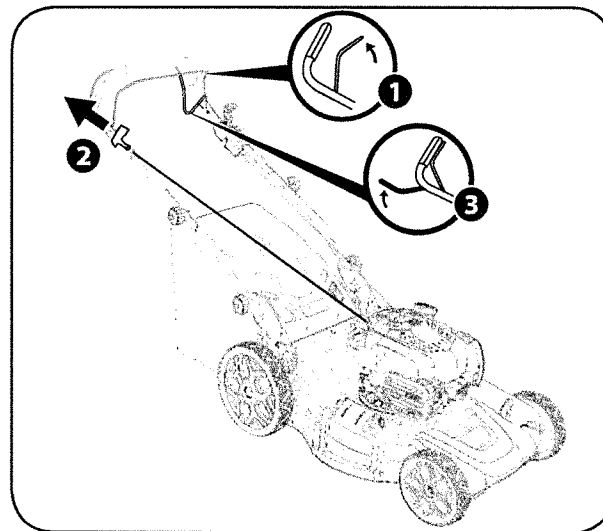


Figura 11

Uso como abonador

Para abonar el césped, quite el colector de césped y el canal de descarga lateral de la máquina. Para un abono eficiente, no corte césped húmedo. Si el césped ha crecido más de 10,2 cm. (4 pulg.) no se recomienda el uso de la podadora como abonadora. En ese caso, use el colector de césped para embolsar los recortes.

Uso del Colector de Césped

Puede utilizar el colector de césped para recoger dichos recortes mientras opera la podadora.

1. Acople el colector de césped siguiendo las instrucciones en la sección de Montaje. Los recortes de césped se recolectarán automáticamente en la bolsa a medida que pase la podadora. Opere la podadora hasta que la bolsa de recolección esté llena.
2. Detenga el motor por completo soltando la manija de control de la cuchilla. Compruebe que la unidad se haya detenido por completo.
3. Para deshacerse de los recortes de césped levante la puerta de descarga y tire de la bolsa de recolección hacia arriba, apartándola de la podadora.

NOTA: Asegúrese de limpiar cualquier exceso de césped alrededor de la abertura trasera de la segadora, especialmente entre la cubierta de la transmisión y la pared lateral en el lado izquierdo y en la parte inferior, para asegurar un ajuste apretado de la bolsa en la segadora.

OPERACIÓN

CONTROL DE VELOCIDAD VARIABLE

La velocidad de marcha varía con el terreno, la inclinación, la altura del césped, etc. Incrementar o disminuir la velocidad de la podadora le permite mantener la velocidad deseada pese a que las condiciones de podado vayan cambiando. Tiene a su disposición cuatro velocidades; la posición 1 es la velocidad más lenta, mientras que la 4 es la más rápida.

Con el motor en marcha y la cuchilla girando, ponga la palanca de control de velocidad en posición

Empuje la palanca de control de velocidad hacia adelante para hacer que la podadora se mueva. La velocidad de marcha incrementará conforme mueva la palanca de control de velocidad de la posición 1 a la 4 (Figura 12).

Suelte la manija de control de velocidad para desacoplar la transmisión al podar alrededor de árboles y obstáculos. Empuje la podadora al rodear obstáculos para controlarla mejor.

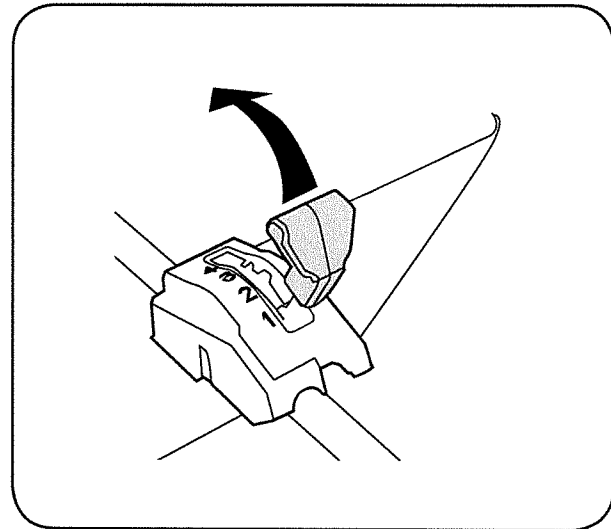


Figura 12

SOLUCIÓN DE PROBLEMAS

ADVERTENCIA

Antes de realizar cualquier tipo del mantenimiento/servicio, suelte todos los mandos y pare el motor. Espere hasta que todas las partes de movimiento hayan venido a una parada completa. Desconecte el alambre de bujía y béselo contra el motor para prevenir el comienzo involuntario. Siempre lleve puestos cristales inastillables durante la operación o realizando cualquier ajuste o reparaciones.

Esta sección se ocupa de cuestiones de menor importancia del servido. Para ver el manual del motor del concesionario de servicio Briggs and Stratton más cercano

Problema	Causa	Solución
El motor no arranca	<ol style="list-style-type: none"> 1. Control de la cuchilla desenganchado. 2. Se ha desconectado el capuchón de la bujía. 3. El depósito de combustible está vacío o el combustible se ha echado a perder. 4. El motor no está cebado. (Si lo tiene) 5. La bujía no funciona correctamente. 6. El motor se desbordó. 7. Línea de combustible bloqueada. 	<ol style="list-style-type: none"> 1. Engrane el control de la cuchilla. 2. Conecte el cable al capuchón de la bujía. 3. Llene el tanque con gasolina limpia y nueva. 4. Ceba el motor tal como se explica en la sección de Funcionamiento. 5. Limpie, ajuste la separación, o cambie la bujía. 6. Esperar unos minutos para reactivarse, pero no ceba. 7. Para ver el manual del motor del concesionario de servicio Briggs and Stratton más cercano.
El motor funciona de manera errática	<ol style="list-style-type: none"> 1. El capuchón de la bujía está flojo. 2. El combustible se ha echado a perder. 3. La ventilación de la tapa del combustible está obstruida. 4. Agua o suciedad en el sistema del combustible. 5. El filtro de aire está sucio. 6. Línea de combustible bloqueada. 	<ol style="list-style-type: none"> 1. Conecte y ajuste el capuchón de la bujía. 2. Llene el tanque con gasolina limpia y nueva. 3. Destape la ventilación. 4. Vacíe el tanque de combustible. Cargue combustible nuevo en el depósito. 5. Consulte la sección Mantenimiento del manual. 6. Para ver el manual del motor del concesionario de servicio Briggs and Stratton más cercano.
El motor recalienta	<ol style="list-style-type: none"> 1. El nivel de aceite del motor está bajo. 2. Flujo de aire restringido. 	<ol style="list-style-type: none"> 1. Llene el motor con la cantidad y tipo de aceite adecuado. 2. Limpie los residuos de alrededor de las aletas de refrigeración del motor y del alojamiento del soplador.
El motor vacila a altas revoluciones	<ol style="list-style-type: none"> 1. Poca separación de los electrodos de la bujía. 	<ol style="list-style-type: none"> 1. Ajuste la separación. Consulte la sección Mantenimiento del manual.
El motor funciona mal en marcha lenta	<ol style="list-style-type: none"> 1. Bujía atorada, averiada o exceso de separación. 2. El filtro de aire está sucio. 	<ol style="list-style-type: none"> 1. Limpie, reemplace o reajuste la separación. 2. Consulte la sección Mantenimiento del manual.
Demasiada vibración	<ol style="list-style-type: none"> 1. Cuchilla de corte floja o descentrada. 2. Cuchilla abollada. 	<ol style="list-style-type: none"> 1. Apriete la cuchilla y el adaptador Balancee la cuchilla. 2. Cambie la cuchilla.
La cortadora de césped no regresa el recorte de césped como abono	<ol style="list-style-type: none"> 1. Césped húmedo. 2. Césped demasiado alto. 3. La cuchilla de la cortadora no está afilada. 	<ol style="list-style-type: none"> 1. No corte el césped cuando esté mojado, espere hasta que sea más tarde para hacerlo. 2. Corte una vez a altura de corte elevada, luego vuelva a cortar a la altura deseada o haga un sendero de corte más angosto. 3. Afile o cambie la cuchilla.
La podadora no avanza por sí misma	<ol style="list-style-type: none"> 1. Correa mal instalada. 2. Hay desechos bloqueando el funcionamiento de la transmisión. 3. Correa dañada o desgastada. 	<ol style="list-style-type: none"> 1. Compruebe la correa para ver si la polea está bien instalada y se mueve correctamente. 2. Detenga el motor, desconecte el cable de la bujía y limpie los desechos. 3. Inspeccione y, si es necesario, consulte sus piezas centro de servicio Sears tener cinturón sustituido.
Toma mucho esfuerzo el hacerla retroceder	<ol style="list-style-type: none"> 1. Halar hacia atrás la podadora antes de que la transmisión se desacople. 	<ol style="list-style-type: none"> 1. Permita que la unidad se mueva un poco hacia adelante sin accionar la(s) palanca(s) de velocidad antes de tratar de hacerla retroceder



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