LITTLE WONDER®

BRC-26 HYDRO
26” LITTLE WONDER BRUSH CUTTER

MODELS:
5126-22-59 HONDA GX390

OPERATOR MANUAL

MAN 4169574
Rev C
Original Language Instructions

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

⚠ WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

CALIFORNIA

Proposition 65 Warning

Battery posts, terminals, wiring insulation, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **WASH HANDS AFTER HANDLING.**

BRUSH CUTTER

IMPORTANT MESSAGE

Thank you for purchasing this Schiller Grounds Care, Inc. product. You have purchased a world class product, one of the best designed and built anywhere.

This machine comes with an Operation and Safety Manual, Parts and Service Manual, and Engine Manual. The useful life and good service you receive from this machine depends to a large extent on how well you read and understand these manuals. Treat your machine properly, lubricate and adjust it as instructed, and it will give you many years of reliable service.

Your safe use of this Schiller Grounds Care, Inc. product is one of our prime design objectives. Many safety features are built in, but we also rely on your good sense and care to achieve accident-free operation. For best protection, study the manuals thoroughly. Learn the proper operation of all controls. Observe all safety precautions. Follow all instructions and warnings completely. Do not remove or defeat any safety features. Make sure those who operate this machine are as well informed and careful in its use as you are.

See a Schiller Grounds Care, Inc. dealer for any service or parts needed. Schiller Grounds Care, Inc. service ensures that you continue to receive the best results possible from Schiller Grounds Care, Inc. products. You can trust Schiller Grounds Care, Inc. replacement parts because they are manufactured with the same high precision and quality as the original parts.

Schiller Grounds Care, Inc. designs and builds its equipment to serve many years in a safe and productive manner. For longest life, use this machine only as directed in the manuals, keep it in good repair and follow safety warnings and instructions. You'll always be glad you did.

Schiller Grounds Care, Inc.
1028 Street Road
Southampton, PA 18966-4217
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This Operator Manual is part of the machine. Suppliers of both new and second-hand machines must make sure that this manual is provided with the machine.

NOTICE !!!

Unauthorized modifications may present **extreme** safety hazards to operators and bystanders and could also result in product damage.

Schiller Grounds Care, Inc. strongly warns against, rejects and disclaims any modifications, add-on accessories or product alterations that are not designed, developed, tested and approved by Schiller Grounds Care, Inc. Engineering Department. Any Schiller Grounds Care, Inc. product that is altered, modified or changed in any manner not specifically authorized after original manufacture-including the addition of "after-market" accessories or component parts not specifically approved by Schiller Grounds Care, Inc. will result in the Schiller Grounds Care, Inc. Warranty being voided.

Any and all liability for personal injury and/or property damage caused by any unauthorized modifications, add-on accessories or products not approved by Schiller Grounds Care, Inc. will be considered the responsibility of the individual(s) or company designing and/or making such changes. Schiller Grounds Care, Inc. will vigorously pursue full indemnification and costs from any party responsible for such unauthorized post-manufacture modifications and/or accessories should personal injury and/or property damage result.

This symbol means:
ATTENTION!
BECOME ALERT!

Your safety and the safety of others is involved.

Signal word definitions:

The signal words below are used to identify levels of hazard seriousness. These words appear in this manual and on the safety labels attached to Schiller Grounds Care, Inc. machines. For your safety and the safety of others, read and follow the information given with these signal words and/or the symbol shown above.

⚠DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

⚠WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

⚠CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices or property damage.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage.

SCHILLER GROUNDS CARE, INC.
1028 Street Rd.
Southampton, PA 18966
www.littlewonder.com

Model: XXXX-XX-XX
S/N: 1234567890

SCHILLER
GROUNDS CARE

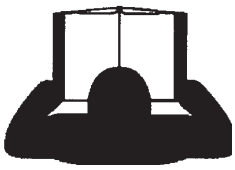
DATE: 0523

MODEL NUMBER: This number appears on sales literature, technical manuals and price lists and serial tag.

SERIAL NUMBER: This number appears only on your unit. It contains the model number followed consecutively by the serial number. Use this number when ordering parts or seeking warranty information.

OPERATOR PREPARATION AND TRAINING

READ THE OPERATION & SAFETY MANUAL



- If an operator or mechanic cannot read English, it is the owner's responsibility to explain this material to them. If any portion of this material is unclear, contact your factory representative for clarification.
- Become familiar with the safe operation of the equipment, operator controls and safety signs. Be prepared to stop the engine quickly in an emergency. Do not operate or allow another person to operate this machine if there are any questions about safety.
- All operators and mechanics should be trained. The owner is responsible for training the users.
- Wear appropriate clothing, including safety goggles or safety glasses with side shields when operating. Wear substantial footwear and long pants. Do not operate barefoot or wearing open sandals. Long hair, loose clothing or jewelry may get tangled in moving parts.
- Wear appropriate hearing protection.
- Wear safety glasses.
- Never allow children, unskilled or improperly trained people to operate this equipment. Local regulations can restrict the age of the operator.
- Do not put hands or feet near or under rotating parts. Keep clear of the front deck opening at all times.
- Never pick up or carry the unit while the engine is running.
- Keep warning labels and this operator's manual legible and intact. Replacement labels and manuals are available from the factory.
- Do not operate machine while under the influence of drugs or alcohol, or any other condition of impairment.
- The owner/user can prevent and is responsible for accidents or injuries occurring to themselves, other people, or property.

SITE PREPARATION AND CIRCUMSTANCES

- Evaluate the terrain to determine how to safely perform the job. Only use accessories and attachments approved by the manufacturer.
- Clear the area to be cut of objects such as rocks, toys, wire or any other debris that may be thrown or get tangled in the brush cutter.
- Be sure the area is clear of pets and people, especially young children. Never assume they will remain where you last saw them. Stop the machine if any enter the area.
- Only cut in daylight or in good artificial light.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Do not cut wet grass as tires may lose traction.

MULTIPLE OPERATORS

- Keep a safe distance between operators when working together.

MACHINE PREPARATION

- Read engine manual.
- Check operator presence interlock system. Adjust or have any problems repaired before using.
- Damage to the engine can occur if there is no oil or oil level is low. Check the oil level and add oil per engine manual as necessary.
- Do not tamper with or defeat safety devices. Keep guards, shields and interlock safety devices in place and in proper working condition. They are for your protection.
- Keep all fasteners such as nuts, bolts, and pins well secured.
- Visually inspect blades, blade bolts and the cutter assembly for wear or damage. Replace worn or damaged blades and bolts to preserve balance.
- Verify that machine and attachments, if any, are in good operating condition.
- Do not engage blades until ready to mow.

OPERATING SAFELY

IN GENERAL

- Use extra care when loading or unloading the machine into a trailer or truck.
- Use caution when making turns and crossing roads and sidewalks. Stop blade when not cutting.
- Never operate the mower without guards, plates, or other safety protective devices in place.
- Do not run the engine in an enclosed area where dangerous carbon monoxide fumes can collect.
- Never leave a machine unattended. Turn off blades, and stop engine before leaving the machine.
- Use extreme caution when reversing or pulling machine towards you.
- Never operate the equipment in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk; never run.
- Stop operation if someone approaches.

STARTING

- Start according to instructions in this manual or on the machine.
- Before attempting to start the engine, make sure:
  - the blade is disengaged;
  - the traction drive is in NEUTRAL
- When starting the engine, make sure hands and feet are clear of the blades.
- Do not engage Blade at full throttle. Throttle to idle or lowest possible engine speed.
- Do not change engine governor settings or overspeed the engine. Operating the engine at excessive speed can increase the hazard of personal injury.

INTERRUPTING OPERATION

Before leaving the operator's position:
- -Park on level ground.
- -Disengage blade.
- -Shut off the engine and remove the key

- Disengage the blade, and wait until the blade stops rotating:
  - When not cutting.
  - When crossing surfaces other than grass.
- Stop the engine, disengage the blade, and wait until the blade stops rotating:
  - before refueling .
  - before making height adjustment unless the adjustment can be made from the operator's position.
- Stop the engine, disengage the blade, and disconnect the spark plug wire:
  - before clearing blockages or unclogging;
  - before checking, cleaning or working on the machine;
  - after striking a foreign object. Inspect the machine for damage and have repairs made as needed before restarting;
  - if the machine begins to vibrate abnormally: shut off machine immediately. Inspect and have repairs made as needed before restarting;
  - except for repairs or adjustments as specifically noted, such as for carburetor adjustment, where the engine must be running. Keep hands and feet clear of moving parts in these circumstances.
- Allow the blade to come to a complete stop when stopping operation to clear blockages, unclog, inspect the machine, do maintenance or repair.
- Reduce the throttle setting during engine shutdown and, if the engine is provided with a shutoff valve, turn the fuel off at the conclusion of mowing.

OPERATING ON SLOPES

USE EXTRA CARE WHEN OPERATING ON SLOPES. EVALUATE THE RISKS INVOLVED BEFORE OPERATING ON A SLOPE

.

- Do not operate on slopes if uneasy or uncertain about the machine stability. Ultimate responsibility for safe operation on slopes rests with the operator.
- Be sure of your footing on slopes.
- With walk-behind machines, operate across slopes, not up and down.
- Avoid starting or stopping on a slope. If wheels lose traction, disengage the blades and proceed straight down the slope.
- Use lower speeds and exercise caution on slopes.
- Avoid sharp turns to prevent tipping and loss of control. Use extra caution when changing direction on slopes.
- Walk, never run.
- Be alert to dips and rises which change the general slope. Watch for holes, rocks, roots, and other hidden objects in the terrain. Keep away from dropoffs. Avoid ground conditions which will cause the machine to slide..

MAINTENANCE SAFETY

In general

- Maintain machine according to manufacturer's schedule and instructions for maximum safety and best results.
- Park machine on level ground.
- Never allow untrained personnel to service machine.
- Guards should only be removed by a qualified technician for maintenance or service. Replace when work is completed.
- Adjust or repair only after the engine has been stopped and the blade has stopped moving.
- Disconnect spark plug wire(s) before doing any maintenance.
- Replace parts if worn, damaged or faulty. For best results, always replace with parts recommended by the manufacturer.
- Do not dismantle the machine without releasing or restraining forces which may cause parts to move suddenly.
- Provide adequate support, e.g. jack stands for lifted machine or parts if working beneath.
- Do not put hands or feet near or under rotating parts.
- Clean up spilled oil or fuel thoroughly.
- Replace faulty mufflers.
- To reduce fire hazards, keep the engine, muffler, and fuel storage area free of grass, leaves, debris buildup or grease.
- Never attempt to make adjustments while the engine is running except for repairs or adjustments as specifically noted, such as for carburetor adjustment, where the engine must be running. Keep hands and feet clear of moving parts in these circumstances.

Blades

WARNING

- The blade is sharp and can cut. Use extra caution when handling. Remove obstructions with care. Wrap the blade or wear gloves.
- Only replace or sharpen blade. Never straighten or weld it.
- Keep other people away from the blade.

Fuel

WARNING

- Petrol (gasoline) is flammable; petrol (gasoline) vapors are explosive. Use extra care when handling.
- Store only in containers specifically designed for fuel.
- When refueling or checking fuel level:
  - Stop the engine and allow to cool;
  - Do not smoke;
  - Refuel outdoors only;
  - Use a funnel;
  - Do not overfill;
  - If fuel is spilled, do not attempt to start the engine until the spill is cleaned up and vapors have cleared.
  - Replace caps on fuel containers and tanks securely.

Sparks from static electricity can start fires or cause explosions. Flowing fuel can generate static electricity. To prevent static electricity sparks:

- Keep containers electrically grounded. Do not fill containers in a vehicle or on a truck or trailer bed with a plastic liner. Fill containers on the ground away from the vehicle.
- When practical, remove petrol (gasoline) powered equipment from the truck or trailer and refuel it on the ground. If equipment must be refueled on the truck or trailer, refuel from a portable container rather than a dispenser nozzle.
- Keep the dispenser nozzle in contact with the rim of the fuel tank or container opening until fueling is complete. Do not use a nozzle lock-open device.
- If fuel is spilled on clothing change it immediately.

STORAGE SAFETY

- Stop the engine and allow to cool before storing.
- Drain the fuel tank outdoors only.
- Store fuel in an approved container in a cool, dry place.
- Keep the machine and fuel containers in a locked storage place to prevent tampering and to keep children from playing with them.
- Do not store the fuel container or equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark.
- Appliances such as furnaces and water heaters with a pilot light have an open flame.
- Keep petrol (gasoline) storage area free of grass, leaves and excessive grease to reduce fire hazard.
- Clean grass and debris from cutting units, drives, mufflers and engine to help prevent fires.
- Clean up any spilled gasoline or oil in the storage area.

BRUSH CUTTER

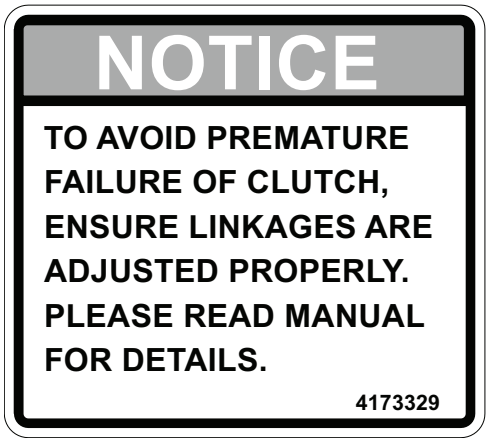
WARNING LABELS

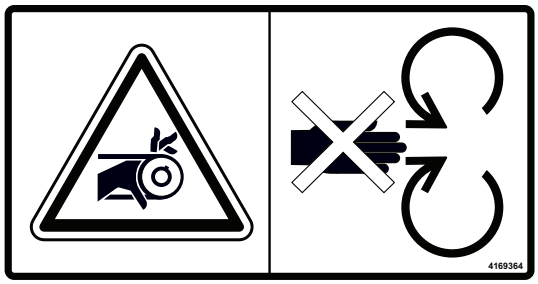
Warning labels are an important part of the safety system incorporated in this machine.

Replace labels if damaged or illegible.

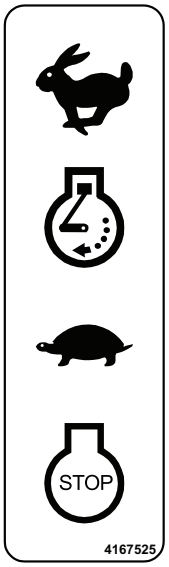
Operaton & Safety Manual
- Read and understand Operation & Safety Manual.
- Replace is lost or damaged.

Attention!
- Wear hearing protection.
- Wear eye protection.

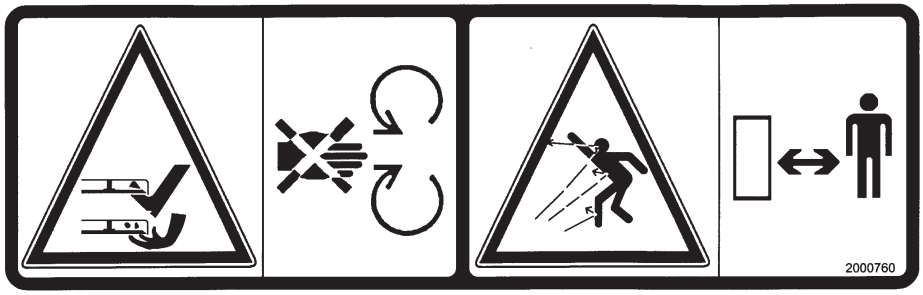




Rotating Parts
- Cut/Crush/Entanglement hazard.
- Keep hands away from moving parts.
- Stop engine before servicing.
- Do not operate with cover removed.



Refueling (Flammable Liquids)
- Do not smoke.
- Stop engine.
- Do not spill fuel.
- Do not over fill.
(Allow 25mm for fuel expansion.)



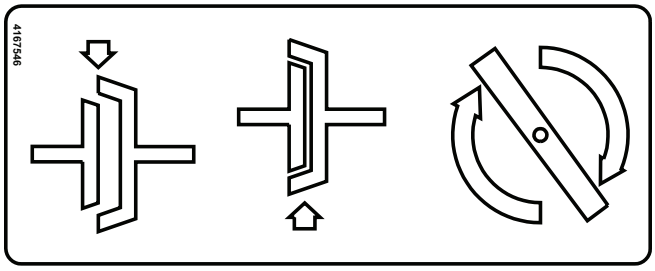
Rotating Blades
- Stay clear of blades when engine is running.
- Stop engine and let blades stop before removing grass collector or unclogging.

Blades Cut
- Amputation hazard.
- Keep hands and feet clear
- Keep hands away from moving parts.

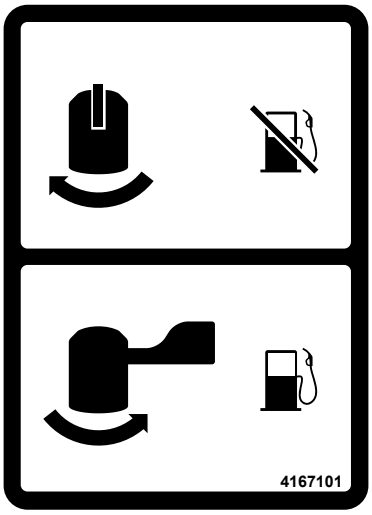
Rotating Blades
- Keep area clear of people and pets.
- Remove objects blade may strike and throw.
- Stop blades to cross gravel areas.
- Do not operate without cute, mulcher or entire grass collector in place.

WARNING LABELS

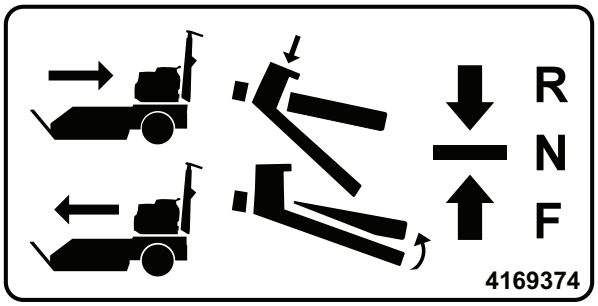
Warning labels are an important part of the safety system incorporated in this machine. Replace labels if damaged or illegible.



Blade Control
- Hold lever down to engage blade.
- Release lever to stop blade.

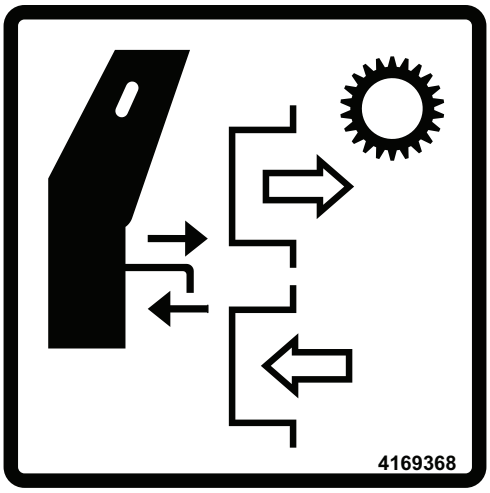


Fuel Valve
- Turn counter-clockwise for 'ON'.
- Turn clockwise for 'OFF'.



Traction Control
- Pull lever toward handle for forward motion. Speed increases the more the lever is pulled toward the handle.
- Push lever down for reverse motion. Reverse speed increases as the lever is pushed further.
- Release lever to return machine to nuetral.

Operaton & Safety Manual
- Read and understand Operation & Safety Manual.
- Replace is lost or damaged.



Tow Valve
- Pull rod out and latch it to disengage. Move the machine without the transmission to engine running.
- Unlatch rod to engage the transmission.

CONTROLS

BLADE CONTROL LEVER (A)

Hold down the lever to engage the blade for cutting. Release the lever to disengage and stop the blade.

TRACTION CONTROL LEVER (B)

Push the thumb lever down to go in the reverse direction. Pushing the lever further increases reverse speed.

Pull the bottom lever up to move in the forward direction. Pulling the lever further increases forward speed to the maximum.

FREE WHEEL ROD (C)

Pull the free-wheel rod until the enlarged boss comes through the keyhole on the rear engine deck cover, then slide the rod down the slot to latch it to free wheel or push the machine without the engine running. Raise the rod until the enlarged boss pops back behind the rear engine deck cover to engage the transmission.

THROTTLE CONTROL (D)

Controls engine speed. Pushing the lever forward makes the engine speed go faster, while pulling the lever back slows down the speed of the engine. Pulling the lever all the way back stops the engine.

ENGINE STARTER CORD (E)

Pull the cord to turn the engine over to start it.

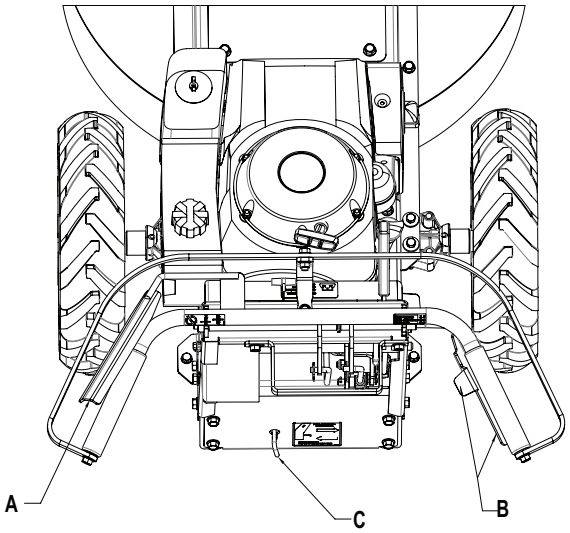
FUEL VALVE (F)

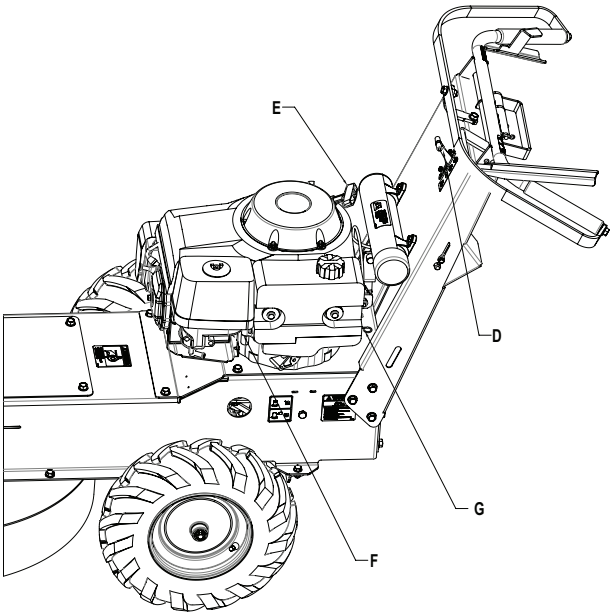
Move to the “OFF” position to shut off the fuel whenever transporting the machine by trailer or truck or during storage. Move to the “ON” position before starting the engine.

CHOKE (G)

Pull the choke control loop to the rear to engage the choke.

Push the loop toward the engine to disengage the choke.



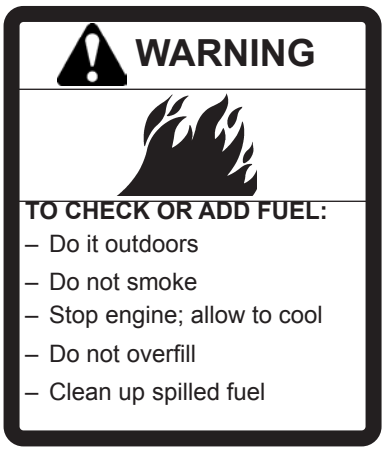


PRE-OPERATION CHECK LIST OWNER'S RESPONSIBILITY

- Review and follow all safety rules and safety decal instructions.
- Check that all safety decals are installed and in good condition. Replace if damaged.
- Check to make sure all shields and guards are properly installed and in good condition.
- Check that all hardware is properly installed and secured.
- Check to be sure engine is free of dirt and debris. Pay particular attention to the cooling fins, governor parts and muffler. Clean air intake screen. Check air cleaner; service as necessary.
- Check all lubrication points and grease as instructed in manual.
- Inspect area and remove stones, branches or other hard objects that might be thrown, causing injury or damage.
- Check that there are no exposed underground utilities in the work area.

FUELING-Gasoline is extremely flammable and highly explosive under certain conditions. BE SURE to install fuel cap after fueling.

- Fill fuel tank with good quality, clean, unleaded regular petrol (gasoline) to the level recommended by the engine manufacturer.
- Use a funnel to avoid spilling.



BEFORE STARTING THE ENGINE

- Read the operator manual and engine manual.
- Be familiar with all controls, how each functions and what each operates.
- Check the engine oil level and add if necessary. Follow the engine manufacturers recommendations per the engine manual supplied with the machine
- Open the fuel valve.
- **Choke:** For cold starts, set the throttle lever to the "CHOKE" position. For warm starts set the throttle to the half-open position.

STARTING THE ENGINE

1. Pull the recoil starter to start the engine.
2. If the choke is "ON" when the engine starts, gradually back it off until the engine runs with no choke at all.

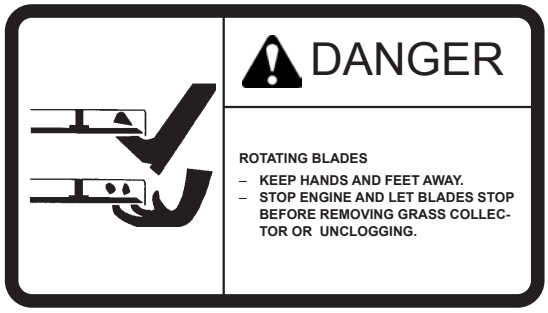
MOVING THE UNIT

TO MOVE THE UNIT WITHOUT THE BLADE RUNNING:

1. Do not engage the blade control lever.
2. Lift the free-wheel rod until the enlarged boss pops back behind the rear engine deck cover.
3. Set throttle to the desired engine speed.
4. Pull or squeeze the forward / reverse lever on the right handlebar towards the handlebar to move the machine in a forward direction. The more the lever is squeezed the faster the machine will go, up to its maximum speed.
5. Push the thumb lever down to reverse. The farther the lever is pushed down the faster the machine will reverse, up to its maximum reverse speed.
6. Release the forward / reverse lever to stop the machine.

TO MOVE THE UNIT WITHOUT RUNNING THE ENGINE:

1. Pull the free-wheel rod until the enlarged boss comes through the hole in the rear engine deck cover. Slide the rod down the slot to latch it in the free-wheel position..
2. Push the unit.



CUTTING

⚠ WARNING

UNDERGROUND UTILITIES, ELECTROCUTION, EXPLOSION, SERVICE DISRUPTION RISK

Before beginning any work, check area for exposed utilities. Also check for anything that could cause damage to the machine or harm the operator. Do not operate where there is any risk of contacting exposed utilities.
Thoroughly inspect the areas where the equipment is to be used and remove rocks, toys, wire and other debris that may be picked up and thrown by the machine.

1. Move the machine to the area where it is to be used. With the engine off and the blade disengaged, check that the cutting height is at the desired height for the job.
2. Start the engine, then adjust the speed of the engine to full throttle. Make sure that the Freewheel rod is pushed in.
3. Engage the blade by holding down the blade control lever. Pull the speed lever on the right handle bar up to move the machine forward while holding down the blade control lever to cut.

STOPPING OPERATION

1. Release the blade control lever to stop the blade.
2. Drive to level ground and release the traction drive to stop the machine.
3. Stop the engine by moving the throttle control to the “OFF” position.

TRANSPORT

Use tie down straps to secure the machine from moving during transport. Close the fuel valve during transport to prevent flooding should any dirt get under the carburetor float needle. Leaving the valve open can allow severe flooding which may ruin the engine by diluting the oil.

MAINTENANCE

WARNING

Stop the engine and remove spark plug wire before performing any maintenance.

When replacement parts are required, use genuine Schiller Grounds Care, Inc. parts or parts with equivalent characteristics, including type, strength and material. Failure to do so may result in product malfunction and possible injury to the operator and/or bystanders.

Carbon monoxide present in the exhaust is an odorless and deadly gas. Never start or run the engine where exhaust fumes can collect. Provide enough fresh air to keep fumes from getting too strong.

Replace any warning decals that become illegible immediately.

DAILY MAINTENANCE

Blade Control

To operate the blade, the blade control lever must be held down against the handle. The blade should stop when the lever is released.

To Check:

1. Make sure the blade control linkage is adjusted correctly. This will prevent clutch slippage when the blade is under load. Excessive clutch slippage will cause premature failure of the clutch mechanism. To check that the blade control linkage is adjusted correctly, the bellcrank should almost touch (1/64" clearance) the engine plate weldment when the blade engagement lever is fully engaged. Adjust the effective length of the blade control linkage by turning the threaded rod in or out of the swivel connected to the bellcrank.

2. Start the engine and run at 1/2 throttle with the blade disengaged.

3. Engage the blade by holding in the Blade Control Lever. Release the Blade Control Lever and the blade should stop.

4 Repair the machine before using if the Blade Control does not work.

BELTS

- Check condition of belts for damage or wear.
- Replace broken, worn, or damaged belts.

1. Make sure the engine is off and spark plug is removed.

2. Remove the four bolts **Q** securing the Blade belt cover **S**. (Figure 1)

3. Remove any debris such as leaves, grass, sticks or other build up that might cause a fire or damage.

4. Inspect the belt and pulleys for damage or wear that could cause problems. Replace damaged or worn parts with Schiller Grounds Care, Inc. parts.

5. Replace blade belts and pulleys. See Blade Belt / Pulley Replacement instructions.

HARDWARE

- Tighten any hardware (nuts, bolts, etc) that are found loose.
- Replace any broken or missing hardware (nuts, bolts, cotter pins, etc.).

SHIELD PLATES

- Check condition of shield plates for damage or wear.
- Replace broken, worn, or damaged shield plates.

TIRES

Tires are foam filled on models with bar treads. They have a valve stem, but CANNOT be aired.

ENGINE

See engine manual for air cleaner service intervals and servicing procedure.

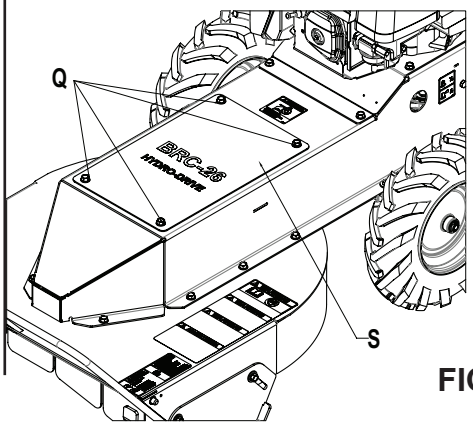


FIGURE 1

OIL

Check oil level daily. Top off as needed.

Change engine oil after the first 5 hours of operation. Then change as recommended by the engine manufacturer.

1. Remove the drain plug and drain oil while engine is warm.
2. Replace the drain plug, remove dipstick and fill with new oil. See engine manual for oil specifications.
3. Wipe off any oil on unit.
4. Start and run engine for 30 seconds. Stop engine.
5. Wait 30 seconds, then re-check oil level.
6. Top off as necessary. See engine manual for details.

BLADE

Service:

Stop engine and remove spark plug wire before servicing blade.

Wear leather or thickly padded gloves to prevent injury from the blade. Keep hands clear of the blade path**:**

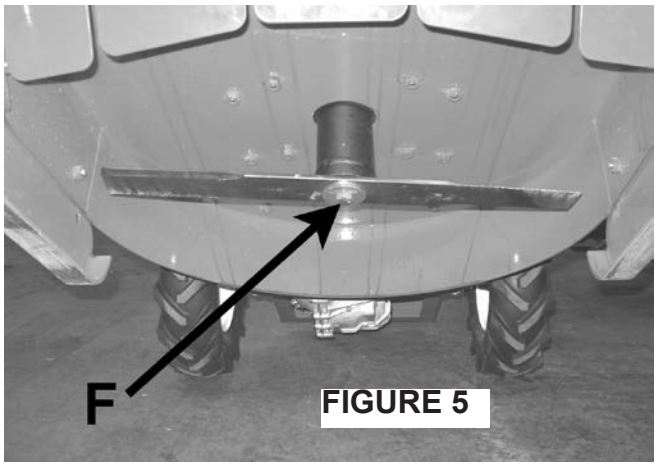
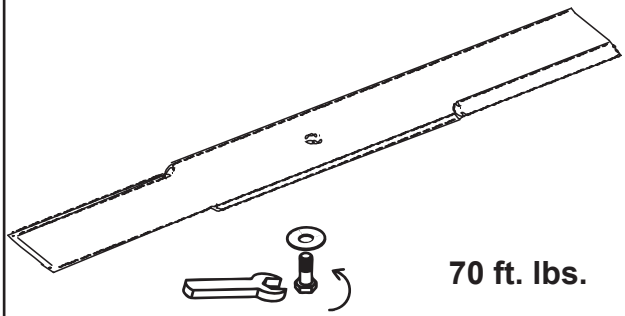


FIGURE 5



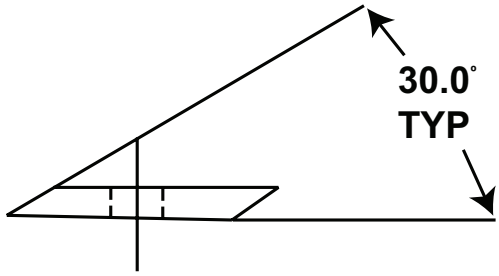
Use an impact wrench to remove the blade bolt **F**. If an impact wrench is not available; use a socket on a long breaker bar or a box wrench to loosen the blade bolt. If additional leverage is needed, slip a pipe or thick walled tube over the breaker bar or wrench.

- Check blade for damage.
- Replace broken, bent, cracked or otherwise damaged blade.
- Do not weld or straighten blade.
- If the blade is good, it may be turned over to use the second set of cutting edges.
- If all edges are dull, the blade may be sharpened or replaced.
- Use of another manufacturer's blades may be dangerous.

Sharpening:

Wear the appropriate personal protective equipment when sharpening the blade.

- Inspect the blade before sharpening..
- Replace broken, bent , cracked or otherwise damaged blade.
- Do not weld or straighten blade.
- Maintain cut angle of 30º.
- Do not over heat blades when sharpening.
-



Blade Balance:

Maintain blade balance at 5/8 oz-in (19.4 g-cm) or less. Failure to keep blades balanced causes excess vibration, wear and shortened life of most components of the machine.

To balance a blade:

1. Sharpen blade first
2. Balance the blade at the center.
3. Attach a 1/8 oz. (3.9 g) weight at a distance of 5" (127mm) from center on the light end. This should make the light end the heavy end.

   - If it does, the blade is balanced.

   - If it does not, file or grind the heavy end until the addition of the weight makes the light end the heavy end.

LUBRICATION

There are 5 grease fittings on the machine.

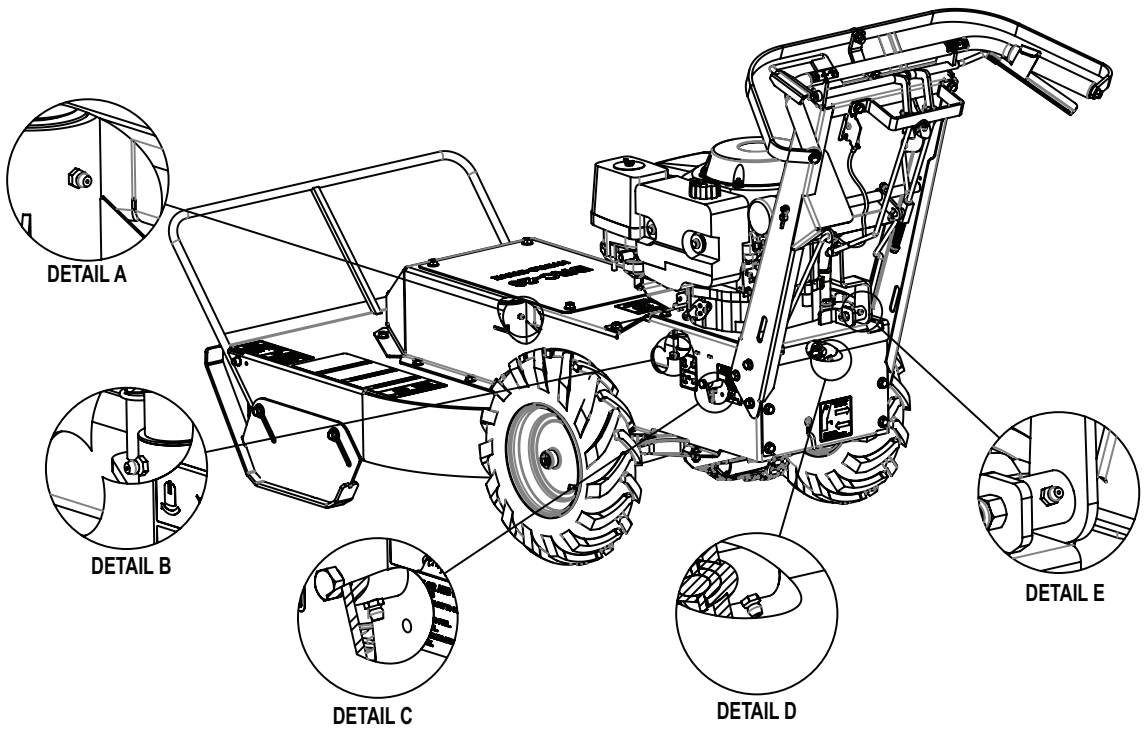
A--Blade Spindle- Grease 1 pump once a season. CAUTION: Do not over grease or the bearing seals can be popped out or crushed.

B--Transaxle Idler Pivot- Grease once a season.

C--Brake Bellcrank- Grease once a season.

D--Traction Bellcrank- Grease once a season.

E--Clutch Pivot Blade--Grease once a season.



BELTS

Under tensioned V-belts can slip and squeal. This generates excess heat and results in cracking and premature belt failure. Over-tensioned belts reduce belt and bearing life.

Properly tensioning and aligning a belt drive will allow the belt drive to perform at it's maximum level.

Stop the engine and remove the spark plug wire before making any belt adjustments.

Adjust belt tension after the first five hours of operation. Then tension as required.

BLADE BELT ADJUSTMENT

There should be a maximum of 1/2" deflection with 5 lbs pressure in the middle of the non idler side of the belt.

1. Remove the six bolts **Q** holding the Blade belt cover **S** on. **(Figure 1)**
2. Loosen the bolt **U** holding the small pulley just enough to move the pulley back and forth. **(Figure 2)**
3. Slide the small pulley firmly against the belt and tighten bolt **U**. Check the tension and readjust if necessary.
4. Replace the Blade belt cover **S.**

TRANSAXLE BELT ADJUSTMENT

The belt has a spring loaded idler and does not require adjustment.

BLADE HEIGHT ADJUSTMENT

Stop the engine and remove the spark plug wire before making any belt adjustments.

1. Place a block under the deck to securely hold it at the height desired.
2. Loosen the two bolts **H** holding the skid plates **G** on each side of the machine. **(Figure 3)**
3. Move the skid plates to sit as level as possible on the ground. Retighten bolts H and remove block.

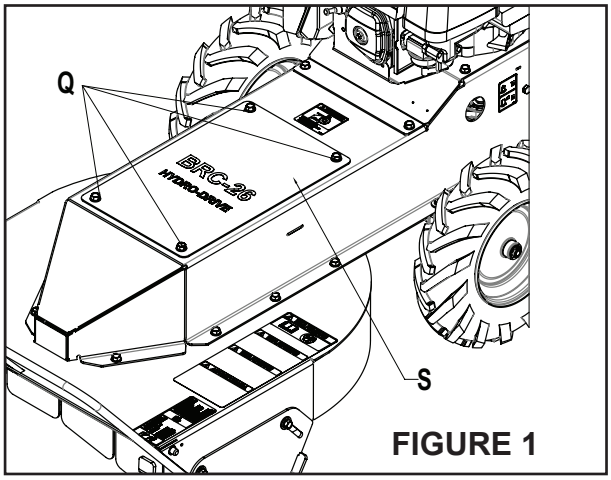


FIGURE 1

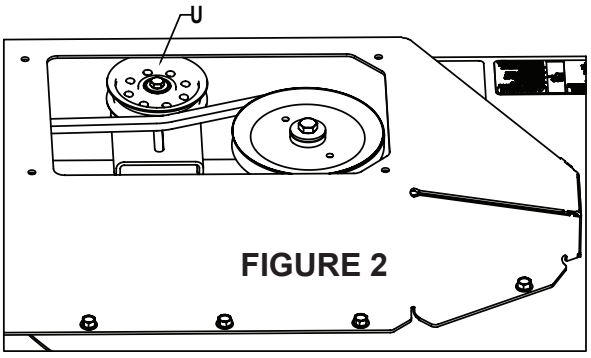


FIGURE 2

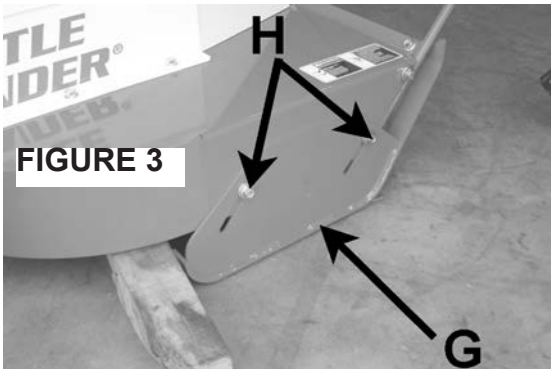


FIGURE 3

STORAGE

To prevent possible explosion or ignition of vaporized fuel, do not store equipment with fuel in tank or carburetor in an enclosure with open flame (for example, a furnace or water heater pilot).

DAILY STORAGE

1. Stop the engine.
2. Check engine oil level and air filter element.
3. Close fuel valve located below air cleaner to keep fuel from draining into engine.
4. Remove any material stuck under the deck.

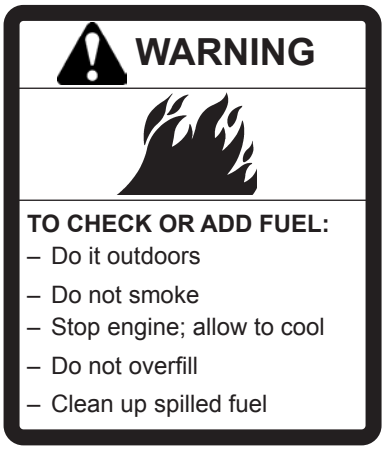
EXTENDED STORAGE

Before the equipment is put into storage for any period exceeding 30 days:

Follow the instructions contained within the Engine Manual

To put equipment into operation after an extended storage:

1. Check for loose parts, tighten if necessary.
1. Fill fuel tank with clean fresh fuel.
2. Check oil level and add if necessary.
3. Check fuel lines and system for leaks. Repair any leaks before operating
4. Start the engine and proceed to operate for the intended use.



TROUBLESHOOTING	
COMMON PROBLEMS	**COMMON CAUSES**
ENGINE WILL NOT START. (Check the Engine Manual for more details.)	• Refer to the section “Operation” in this manual to verify engine starting procedure. • Check the spark plug connection. • Check that throttle lever is set to the “FAST” position and the choke is “ON”. • Check the level of fuel • Check fuel valve is “ON”.
ENGINE STARTS BUT DOES NOT RUN PROPERLY OR HAS NO POWER. (Check the Engine Manual for more details.)	• Make sure the throttle lever is not set to the slow setting or the choke still in the “ON” position. • Turn the machine off and check the air filter. If it is dirty clean or replace it according to the Engine Manual. • Check the oil level in the engine. Add if necessary. If the oil is too full drain the oil to the proper level. • Check to make sure there is enough fuel. Also make sure the fuel is not old, dirty or the machine has not been stored beyond a month with the same fuel in it. • If the engine still has problems contact your dealer for service.
ENGINE HAS SMOKE COMING FROM IT. (Check the Engine Manual for more details.)	• Check to make sure the machine is not running on “CHOKE” • Check to make sure the oil is not overfilled. • Check the air filter for debris and clean if necessary. • Check the engine for debris build up around the exhaust system. **MAKE SURE THE ENGINE HAS HAD THE PROPER TIME TO COOL BEFORE TOUCHING HOT PARTS.** • If there is still smoke coming from the engine contact the nearest dealer for service.
ENGINE RUNS AND STARTS BUT THE MACHINE WILL NOT GO FORWARD OR IN REVERSE.	• Check that the free wheel lever is pulled out. • Check to make sure the direction lever is being pressed far enough down or pulled up to make the machine move. • With the engine off, check the transaxle belt is not broken or fallen off the pulley. Replace belt if necessary. • Make sure nothing is lifting the machine up off the wheels.
MACHINE IS DIFFICULT TO GET INTO REVERSE OR FORWARD.	• Check linkage for free operation.
THE BELT IS FRAYED OR KEEPS COMING OFF THE PULLEY.	• Check the pulley to make sure it is free from damage such as a nick or crack. If the pulley feels rough call a dealer for service and a replacement pulley. • Check the belt for wear and damaged spots. If there are signs of damage or wear on the belt, replace with the correct type of belt. • Check the belt tension. If V-belts are under tensioned, they can slip. Slippage generates heat and will result in cracking and belt failure. Properly tensioning and aligning a belt drive will allow the belt drive to perform at it’s maximum level. If belts are over-tensioned, belt and bearing life can be reduced. • If the belt and pulley appear to be in good condition, contact your dealer for service.

TROUBLESHOOTING (cont.)	
COMMON PROBLEMS	**COMMON CAUSES**
Extra vibration when engaging the blade.	**Make sure the throttle lever is set to the "STOP" position, engine has stopped, and the blade has stopped spinning before checking blade.** • Check for a broken or bent blade. DO NOT straighten blade. Replace bent or broken blade with a new Schiller Grounds Care, Inc. blade. • If the blade appears to be in good condition, check the bolt connecting the blade and verify that it is tightened and properly seated. • Remove blade and check blade balance • If the problem still persists then contact a local dealer for service.
The blade will not spin.	• Make sure the Blade lever on the left handle is being held down while the engine is on. • Stop the engine and disconnect the spark plug wire before checking. Check the condition of the blade belt. Reinstall, replace or retension as necessary. If the bade still doesn't operate, consult your dealer for service.

BRC-26 HYDRO SPECIFICATIONS	
Engine:	*Honda GVX 390*
Displacement:	***389cc***
Fuel Capacity:	***2.2 quarts***
Oil Capacity:	***1.2 quarts***
Transmission:	***Hydro-Gear T2***
Speed:	***Forward: 0 to 4 mph*** ***Reverse: 0 to 2mph***
Tire Size:	***4.80 X 8.0 Bar tread pattern solid foam filled***
Cut Width:	***26"***
Cut Height:	***3" to 5"***
Operating Weight:	***365 lbs***
Length:	***78"***
Width:	***32"***
Height:	***41"***
Maximum Operating Slope:	***20º Front to back and side to side***
Emissions:	***49 States, Excluding California***

EC Declaration of Conformity

4169805 REV A

The Undersigned Manufacturer:
Schiller Grounds Care, Inc.
One Bob-Cat Lane
Johnson Creek, WI 53038

Kurt Knudsen
Director of Operations
Date: 23rd Septemeber 2013

EU Authorized Representative:
Earlsmere Limited
Unit 18 Valley Road
Station Road Industrial Estate
Wombwell, Barnsley, South Yorkshire, S73 OBS UK

Jim White
Managing Director
Date: 23rd September 2013

Declare that the machine described below:

Make & Type	Little Wonder Brushcutter
Category	Brush cutter
Model	5126-22-59
Engine	Honda GX390
Speed	3600 RPM
Net installed power	8.9 kW (11.9 HP)

Complies with the provisions of the following European Directives and Amendments and the Regulations transposing it into national law.

Machinery Directive	2006/42/EC
EMC Directive	2004/108/EC
Noise in the Environment Directive	2000/14/EC (Annex V)
Vibration Directive	2002/44/EC
Non Road Emissions	2004/26/EC

Sound levels were determined in accordance with Directive 2000/14/EC (Annex V) and standards EN/ISO 3744:2010.

Sound:

Guaranteed Sound Power Level.....102dB	Model 5126-22-59
Sound Pressure.....89dB	Model 5126-22-59

Vibration:

Hand/arm vibration was measureed at the right and left operator handles as per ISO 5349-1-2001 and ISO 5349-2-2001. Only the highest of the left and right readings in given. Levels were calculated using ISO/SID 5395-1, in accordance with 2002/44/EC.

Guaranteed Vibration Level:.....5.7 m/s² Model 5126-22-59

Intended Use and Limits:
This machine is intended for cutting of high grass and brush.

Little Wonder Warranty Statement

Limited Warranty

Products Covered by This Warranty	LENGTH OF WARRANTY: FROM DATE OF ORIGINAL PURCHASE		
	PRIVATE RESIDENTIAL	*COMMERCIAL*	*RENTAL*
Hydro Brush Cutter	2 years	2 years	2 years
BedShaper®	2 years	2 years	2 years
Pro Edger	1 year	1 year	1 year
Pro Crack Cleaner	1 year	1 year	1 year
Electric Hedge Trimmer	2 years	2 years	2 years
Gas Hedge Trimmer	5 years	5 years	5 years
AgVac	2 years	2 years	2 years
TruckLoaders (All)	2 years	2 years	2 years
Pro Vac	2 years	2 years	2 years
C5 Blower	2 years	90 days	90 days
Optimax® Blower	5 years	5 years	5 years

Little Wonder products are warranted against defects in materials and workmanship for a period of time shown in the above table from the date of purchase from an authorized dealer by the original purchaser only, and under the following terms and conditions. Schiller Grounds Care's responsibility under this limited warranty is restricted to repairing or replacing, at its option, any covered part found to be defective in material or workmanship during the warranty period. All parts replaced under warranty will be considered as part of the original product and any warranty on the replaced parts will expire coincidentally with the original product warranty.

SCHILLER GROUNDS CARE, INC. MAKES NO EXPRESS OR IMPLIED WARRANTIES, REPRESENTATIONS, OR PROMISES EXCEPT THOSE CONTAINED HEREIN. THERE ARE NO OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ALL WARRANTIES OTHER THAN THE EXPRESS WARRANTY SET FORTH ABOVE ARE SPECIFICALLY DISCLAIMED. THE DURATION OF ANY IMPLIED WARRANTY, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY.

To Obtain Warranty Service - Warranty service must be performed by an authorized Little Wonder dealer. To locate a dealer, please visit: www.littlewonder.com and click on FIND A DEALER. For further assistance, write or email the Technical Services Department of Schiller Grounds Care

Schiller Grounds Care, Inc.
1028 Street Road
Southampton, PA 18966
techservicesupport@schillergc.com

ABOUT YOUR WARRANTY

The warranty period begins on the date of purchase by the original retail or commercial customer from an authorized Little Wonder dealer and is not transferable. Warranty service must be performed by an authorized Little Wonder dealer. If a warranty replacement becomes necessary, the authorized dealer must be prepared to provide the physical component for verification (freight prepaid) upon request from Schiller Grounds Care. Warranty service will be performed without charge to the purchaser for parts will be required to substantiate any warranty claim. Without proof of the initial purchase date from an authorized dealer, the manufacturing date of the product will be used to establish the warranty period.

Little Wonder Warranty Statement

EXCLUSIONS

This warranty only covers defects in materials or workmanship.

Engines and Other Manufacturers - Schiller Grounds Care makes no warranty with respect to engines or engine parts such as spark plugs, lubricants, starters, filters, and carburetors. The engine warranty is covered by the engine manufacturer. Consult the Operator's Manual for the engine provided with your product or ask an authorized dealer for the terms and conditions of these warranties. Schiller Grounds Care makes no warranty with respect to other parts not of its manufacture such as tires, batteries, gearboxes, or similar. These other parts may be covered by the warranties of their respective manufacturers.

Wear Items - This limited warranty does not cover damages or defects from normal wear and tear. This limited warranty does not include routine maintenance and normal maintenance parts, including but not limited to tires, batteries, transmissions, clutches, friction disks, blades, belts, chains, cables, hoses, bearings, non-metal liners, bags, or zippers.

Negligence and Improper Maintenance or Repair - This limited warranty does not cover any equipment that has been subject to lack of reasonable and proper maintenance, misuse, lack of proper storage, or accidents. This limited warranty does not cover any damage to the equipment that is caused by a freight carrier or is the result of failure to follow the operating instructions within the Owner's Manual. This limited warranty does not cover any defects due to repairs, modifications, or alternations made to the product by anyone other than Schiller Grounds Care or its authorized dealers. In addition, this limited warranty does not cover repairs made necessary due to a lack of proper protection during storage. This limited warranty does not cover damage caused by the use of parts, supplies, or accessories, including, without limitation, filters, spark plugs, carburetors, ignition, drive belts, brakes, gasoline, fuel, oil, or lubricants, which in the reasonable judgment of Schiller Grounds Care, are either incompatible with the product, adversely affect its operation, performance, durability or are other than as recommended in the Operator's Manual or other operational instructions provided by Schiller Grounds Care.

Improper Use - This limited warranty does not cover any Little Wonder Product, part, or accessory that (i) has been subject to misuse, abuse, neglect, negligence, or accident, or that has not been assembled, operated, or maintained in accordance with the operating or maintenance instructions specified in the Operator's Manual; or (ii) has been altered or modified so as to adversely affect its operation, performance or durability, or that has been altered or modified in ways not approved by Schiller Grounds Care. To the extent permitted by law, neither Schiller Grounds Care nor any company affiliated with it makes any warranties, representations, or promises as to the quality, performance, or freedom from defect of the Little Wonder Product, part, or accessory covered by this limited warranty. The authorized dealer makes no warranty of its own and such dealer has no authority to make any representation, warranty, or promise on behalf of Schiller Grounds Care or to modify the terms or limitations of this limited warranty in any way.

Other Exclusions - This limited warranty does not include reconditioned, refurbished, used, or demonstration equipment. This limited warranty excludes failures due to acts of nature beyond the manufacturer's control.

Extended Warranty - Schiller Grounds Care disclaims responsibility for any separately purchased extended warranty. ALL WARRANTIES OTHER THAN THE EXPRESS WARRANTY SET FORTH ABOVE ARE SPECIFICALLY DISCLAIMED. THE DURATION OF ANY IMPLIED WARRANTY, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY.

Disclaimer of Consequential Damage - Schiller Grounds Care disclaims any responsibility for incidental or consequential damages including, but not limited to, the expense for gasoline, the expense of delivering the product to an authorized service dealer, the expense of returning the product to the purchaser, mechanic's travel time, telephone charges, rental of a like product during the repair timeframe, travel, loss of revenue, loss of time, or inconvenience. SCHILLER GROUNDS CARE, INC. DISCLAIMS ALL LIABILITY FOR INDIRECT, INCIDENTAL, AND/OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE LITTLE WONDER PRODUCTS COVERED BY THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.