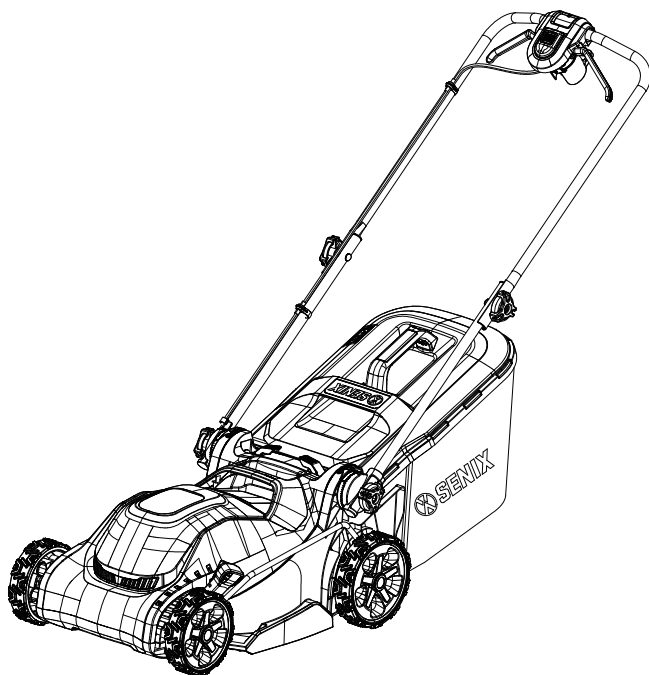




CORDED LAWN MOWER

LPPE16-M1-EU

LPPE20-M-EU



CAUTION: Before using this tool, please read this manual completely, and follow all operating safety measures.

For customer service please find all information on www.senixtools.com
CAUTION: BEFORE USING THIS PRODUCT, READ THIS MANUAL AND FOLLOW ALL ITS SAFETY RULES AND OPERATING INSTRUCTIONS.

ORIGINAL INSTRUCTIONS

EAC

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SAFETY & INTERNATIONAL SYMBOLS

The following table 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.



Caution / Warning.



WARNING - To reduce the risk of injury, user must read instruction manual.



Wear eye protection.



Wear a dust mask.



Wear safety footwear.



Wear protective gloves.



Do not expose the product to rain or wet conditions.



WARNING - Beware of thrown objects - keep bystanders away.



WARNING - Keep hands and feet away from the blades.



WARNING - Keep the supply cord away from the blades



Look behind when backing up with the lawn mower.



WARNING - Remove plug from mains before maintenance or if cord is damaged.



Class II tool.



Power tools that are no longer usable and defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

SAFETY INSTRUCTIONS

ORIGINAL INSTRUCTIONS

GENERAL POWER TOOL SAFETY WARNINGS



WARNING!

Read all safety warnings, instructions, illustrations and specifications, provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work Area Safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical Safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*

- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3) Personal Safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*

- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

4) Power Tool Use And Care

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools and accessories.** *Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended*

- could result in a hazardous situation.*
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Service

- a. Have your lawnmower serviced by a qualified repair person using only identical replacement parts. *This will ensure that the safety of the lawnmower is maintained. Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety.*

LAWNMOWER SAFETY WARNINGS

- a. **Do not use the lawnmower in bad weather conditions, especially when there is a risk of lightning.** *This decreases the risk of being struck by lightning.*
- b. **Thoroughly inspect the area for wildlife where the lawnmower is to be used.** *Wildlife may be injured by the lawnmower during operation.*
- c. **Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones, and other foreign objects.** *Thrown objects can cause personal injury.*
- d. **Before using the lawnmower, always visually inspect to see that the blade and the blade assembly are not worn or damaged.** *Worn or damaged parts increase the risk of injury.*
- e. **Before use, check the supply cord and any extension cord for signs of damage or aging. Do not use the lawnmower if the cord is damaged or worn. If the cord is damaged or worn during use, switch off the lawnmower and do not touch the cord before disconnecting it from the supply.** *A damaged supply cord or extension cord may result in electric shock, fire and/or serious injury.*
- f. **Check the grass catcher frequently for wear or deterioration.** *A worn or damaged grass catcher may increase the risk of personal injury.*
- g. **Keep guards in place. Guards must be in working order and be properly mounted.** *A guard that is loose, damaged, or is not*

functioning correctly may result in personal injury.

- h. **Keep all cooling air inlets clear of debris.** *Blocked air inlets and debris may result in overheating or risk of fire.*
- i. **While operating the lawnmower, always wear non-slip and protective footwear. Do not operate the lawnmower when barefoot or wearing open sandals.** *This reduces the chance of injury to the feet from contact with the moving blade.*
- j. **While operating the lawnmower, always wear long trousers.** *Exposed skin increases the likelihood of injury from thrown objects.*
- k. **Do not operate the lawnmower in wet grass. Walk, never run.** *This reduces the risk of slipping and falling which may result in personal injury.*
- l. **Do not operate the lawnmower on excessively steep slopes.** *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
- m. **When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction.** *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
- n. **Use extreme caution when reversing or pulling the lawnmower towards you. Always be aware of your surroundings.** *This reduces the risk of tripping during operation.*
- o. **Keep the supply cord away from the cutting blades.** *A damaged supply cord may result in electric shock, fire and/or serious injury.*
- p. **Switch off and remove plug from mains if the cord is entangled or damaged.** *Entangled or damaged cords can increase the risk of electric shock.*
- q. **Do not touch blades and other hazardous moving parts while they are still in motion.** *This reduces the risk of injury from moving parts.*
- r. **When clearing jammed material or cleaning the lawnmower, make sure all power switches are off and the power cord is disconnected.** *Unexpected operation of the lawnmower may result in serious personal injury.*

INTENDED USE

This lawn mower is only intended for cutting grass in domestic use. Do not use it for other purpose.

SAVE THIS INSTRUCTIONS

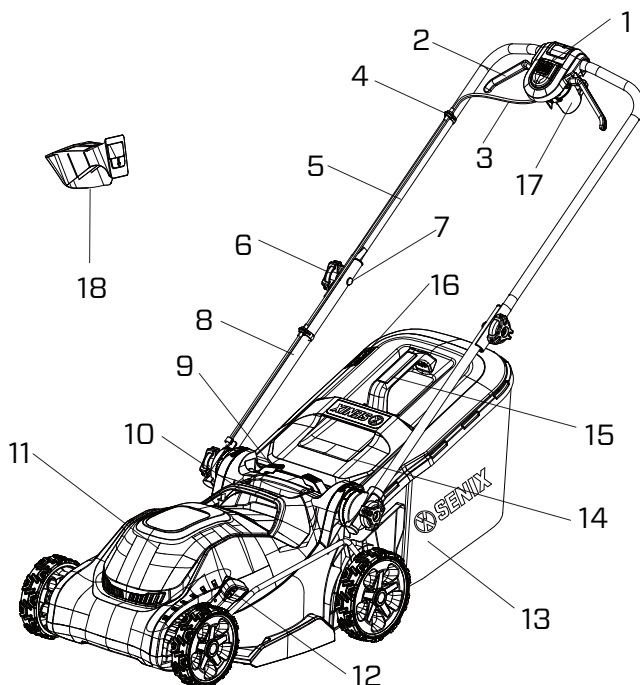
KNOW YOUR UNIT

APPLICATIONS

Model: LPPE16-M1-EU/LPPE20-M-EU

As a corded lawn mower:

Cutting grass in domestic use.



1	Safety button
2	Switch trigger
3	Power cord
4	Cord clip
5	Upper handle bar
6	Handle knob
7	Bolt
8	Lower handle bar
9	Quick-adjust lever

10	Front handle
11	Battery compartment cover
12	Cutting-height adjustment lever
13	Grass bag
14	Discharge chute door
15	Grass bag handle
16	Grass bag volume indicator
17	Plug
18	Mulching insert

SPECIFICATIONS*

Model	LPPE16-M1-EU	LPPE20-M-EU
Voltage	220-240V 50Hz	220-240V 50Hz
Power	1600W	2000W
No Load Speed	3500 rpm	3300 rpm
Mowing Function	2-in-1: Bagging, mulching	2-in-1: Bagging, mulching
Cutting Capacity	38 cm	43 cm
Height Adjustment	6 positions: 25 mm - 75 mm	6 positions: 25 mm- 75 mm
Wheel Size (Front/Rear)	16 cm/18 cm	18 cm/22 cm
Grass Bag	45 L	50 L
Weight (tool only)	14.5 kg	16 kg

ASSEMBLY

1. Unpack all parts and lay them on a flat, stable surface:
2. Remove all packing materials and shipping devices, if applicable.
3. The scope of delivery varies depending on the country and purchased variant.

Model of LPPE16-M1-EU/LPPE20-M-EU

- Lawn mower x1
- Upper handle x1
- Mulching insert x1
- Grass bag assembly x1
- Grass bag handle x1
- Handle knob x2
- Bolt x2
- Cord clip x2
- Instruction manual x1

4. If parts are missing or damaged. Do not use the product. Contact your local dealer.
5. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.



WARNING!



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling.



Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product!

Do not insert the battery pack before the power tool is completely assembled or adjusted!



WARNING!

To prevent accidental starting that could cause serious personal injury, always remove the plug from power supply when assembling parts.



WARNING!

Do not attempt to modify this tool or create accessories not recommended for use with this mower. Any such alteration or modification is misuse and could result in a hazardous condition leading to serious injury.

INSTALLING THE UPPER HANDLE

1. Pull the quick-adjust levers up to loosen the lower handle bars and release bars from the Locked Storage Position. Begin to lift the handle bars from its folded position. Gently pivot the bars backward until they are secured in one of the three operating positions and then close the two quick-adjust levers.

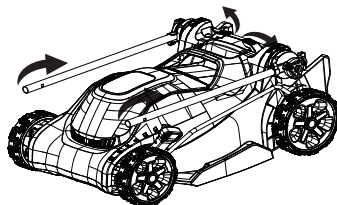


Fig. 1

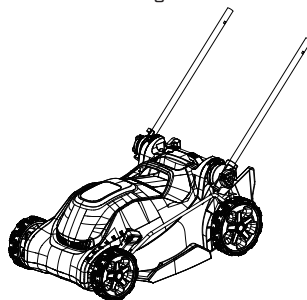


Fig. 2

2. Secure the connection of the upper handle assembly to the lower handle bars using 2 knobs and 2 bolts and tighten them on each side.

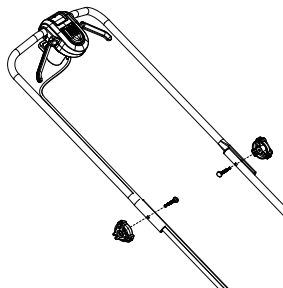


Fig. 3

3. Secure the cord to the machine by using two cord clips.

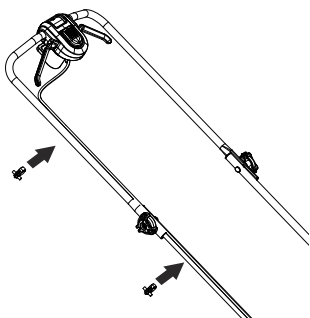


Fig. 4

ASSEMBLING THE GRASS BAG ASSEMBLY

1. Check the grass bag before assembling, to make sure that there is no damage.
2. Push the grass bag handle into the openings on the grass bag. Check that the handle is securely and correctly positioned.

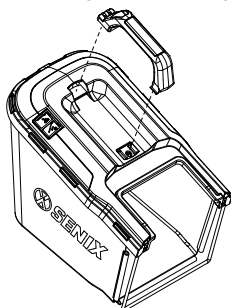


Fig. 5

3. Slide the grass bag onto the frame. To completely assemble grass bag, assemble the two side and the bottom clips to the frame.

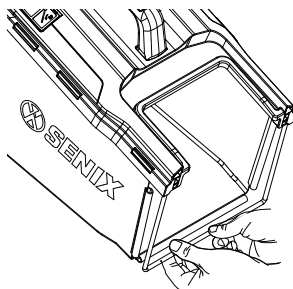


Fig. 6



Fig. 7

INSTALLING/REMOVING THE GRASS BAG



NOTE:

Remove the mulching insert before attaching the grass bag on the mower.

1. Lift the discharge chute door with one hand while holding the grass bag assembly by its handle with the other hand. Insert the side frames into the slots on the back of the machine and hook the grass bag assembly on the mower. Release the discharge door so that it rests on the grass bag.

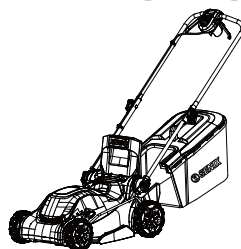


Fig. 8

2. To remove the grass bag, lift the discharge chute door on the mower. And then lift the grass bag up and off of the mower. Release the discharge door.



WARNING!

When using the grass bag, never operate the mower unless the grass bag is firmly seated on the mower and the discharge door rests firmly against the top of the grass bag.

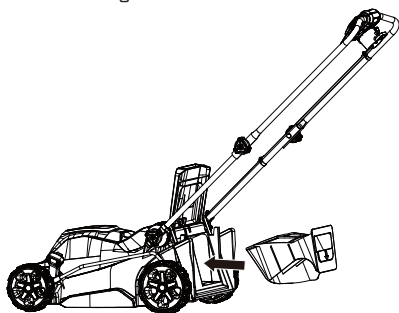


WARNING!

To reduce the risk of injury, frequently inspect the bag assembly and replace the bag if there are any signs of wear or deterioration. Use only grass bags manufactured for this mower.

INSTALLING/REMOVING THE MULCHING INSERT

1. Lift the discharge chute door. Grasp the handle of the mulching insert and fully insert it into the mower, so that it is securely seated. Release the discharge door and make sure it rests firmly against the mulching insert.



—Fig. 9—

2. To remove the mulching insert, lift the discharge chute door, grasp the handle of the mulching insert, and pull it out. Release the discharge door.



NOTE:

The mulching insert must be removed in order to install and use the grass bag and must be re-installed when the grass bag is removed.

OPERATION



WARNING!

The safe use of this product requires an understanding of the information on the machine and in this operator's manual, as well as knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

SECURING THE EXTENSION CORD



WARNING!

If any parts are broken or missing, do not attempt to connect the mower to power supply or operate the mower until the broken or missing parts are replaced. Failure to do so could result in serious injury.

1. For safe and efficient use of your snow shovel, use suitable extension cord recommended for outdoor use.
2. Make a loop with the extension cord.

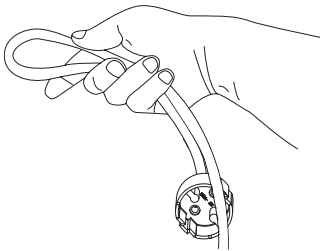


Fig. 10

3. Insert the loop through the opening in the back of the upper handle and secure the loop onto the restraint hook.
4. Connect the extension cord to the equipment plug.

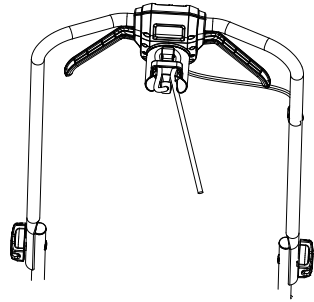


Fig. 11



NOTE:

Secure the extension cord in this way to avoid accidentally disconnecting the extension cord from the equipment during operation.



NOTE:

Check the extension cord frequently during use for holes or cracks in the insulation. Do not use a damaged cord. Do not run the cord through standing water or wet grass. Use only an extension cord recommended for outdoor use.

5. Plug the extension cord into a wall outlet.

STARTING/STOPPING THE LAWN MOWER

Before operating, make sure the handle is locked into position and the mower is connected to power supply.



WARNING!

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



NOTE:

The blade will continue to rotate for a few seconds after the mower is turned off. Allow the motor/blade to stop rotating before starting it again.

To start:

Press the safety button and pull the switch trigger upward to meet the handle and grasp it. Release the safety button and begin operation.

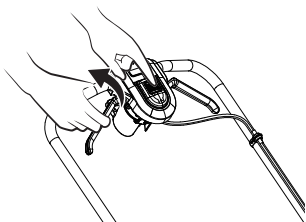


Fig. 12

To stop:

Fully release the switch trigger to stop it.

CUTTING-HEIGHT ADJUSTMENT



WARNING!

Do not at any time make any adjustment to the lawn mower without first stopping the motor, unplugging the power supply, and waiting until the blade has stopped rotating.



WARNING!

Keep your feet away from the deck when adjusting its height.

The mower can be set to 6 cutting heights between 1" (25 mm) and 3" (75 mm). Choose the proper cutting height according to the type and condition of the grass to be cut.

1. Hold the cutting-height adjustment lever and press the adjustment trigger on the lever with your thumb.
2. Move the cutting-height adjustment lever forward or backward to adjust the cutting height.
3. Once arriving at the desired cutting-height position, release the adjustment trigger.

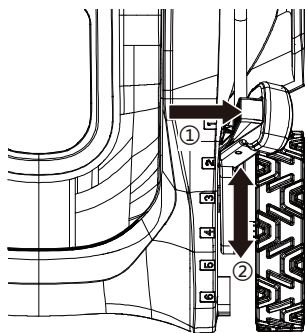


Fig. 13

ADJUSTING THE FOLDED HANDLE



WARNING!

Do not attempt to start the mower until the handle has been locked at position.

1. **LOCKED STORAGE POSITION:** Your mower can be stored with the handle in the compact, locked position.

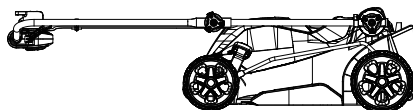


Fig. 14

2. **UPPER OPERATING POSITION:** Pull the quick-adjust levers up to loosen the handle and release the handle from the Locked Storage Position. Begin to lift the handle from its folded position. Gently pivot the handle backward until the handle is secured in the Upper Operating Position and then close the two quick-adjust levers. Taller users may prefer this position.
3. **MIDDLE OPERATING POSITION:** Pull the quick-adjust levers up to loosen the handle and release the handle from the Upper Operating Position. Begin to lower the handle and gently pivot the handle downward until the handle is secured in the Middle Operating Position and then close the two quick-adjust levers.
4. **LOWER OPERATING POSITION:** Pull the quick-adjust levers up to loosen the handle and release the handle from the Middle Operating Position. Begin to lower

the handle and gently pivot the handle downward until the handle is secured in the Lower Operating Position and then close the two quick-adjust levers. This position is suitable for mower to cut grass in a slope.

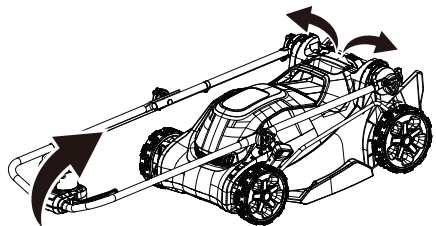


Fig. 15

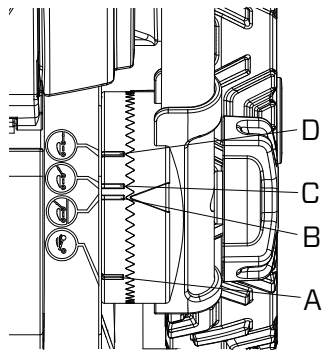


Fig. 16

A	Locked storage position
B	Upper operating position
C	Middle operating position
D	Lower operating position

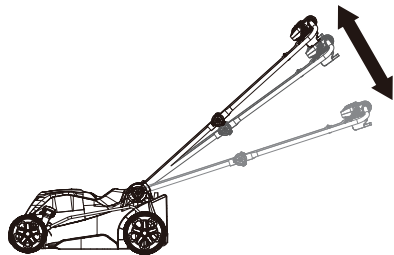


Fig. 17

GRASS BAG VOLUME

INDICATOR

- 1. If the grass bag is empty or is not completely full with grass, the grass indicator flap will remain open due to the flow of air or will flutter open and close as the grass accumulates in the bag.
- 2. When the grass bag reaches its maximum capacity, the grass indicator flap will remain closed due to the restricted air flow. This shows that it is time to empty the bag.

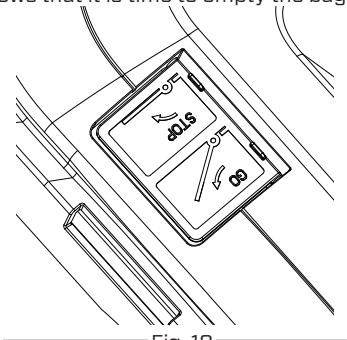


Fig. 18

MOWER OVERHEAT PROTECTION

This lawn mower has a overheat protection function. When the temperature of motor is too high during operation, the lawn mower will be shut down automatically. Wait it to cool down and then restart the product.

MOWING TIPS



NOTE:

A sharp blade will greatly enhance the performance of the mower, especially when cutting tall grass. Make sure to check the sharpness of the blade before mowing.

Verify that the lawn is free of stones, sticks, wires, and other objects which could damage the lawn mower or motor. Such objects could be accidentally thrown by the mower in any direction and could cause serious personal injury to the operator and to others.



WARNING!

If you strike a foreign object, stop the motor and unplug the power supply. Thoroughly inspect the mower for any damage, and repair

the damage before restarting and operating the mower. Excessive vibration of the mower during operation is an indication of damage. The unit should be promptly inspected and repaired.

- For best results, do not mow in circles. Travel back and forth across the lawn.

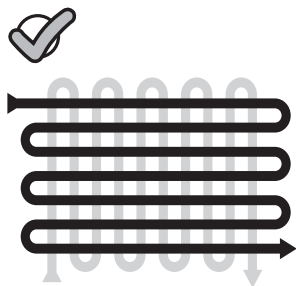


Fig. 19

- When cutting thick grass, reduce your walking speed in order to allow for a more effective cut and a proper discharge of the clippings.
- To maintain a healthy lawn, cut off only one-third or less of the total length of the grass.

MULCHING TIPS



WARNING!

Inspect the area where the mower is to be used and remove all stones, sticks, wire and other debris that might be thrown by the rotating blade.

- Release the switch trigger to turn off the mower blade rotation when crossing any graveled areas; stones can be thrown by a rotating blade.
- Set the mower to the highest cutting height when mowing on uneven ground or in tall growth.
- For effective mulching, do not cut wet grass; it tends to stick to the underside of the deck, preventing the proper mulching of grass clippings. The best time to mow grass is in the late afternoon, when the grass is dry and the newly cut area will not be exposed to direct sunlight.
- For the best mulching performance, set the cutting height to remove approximately one third of the grass blade length, ideally

no more than 1 1/2" at one time. If the grass is overgrown, it may be necessary to increase the cut height to make it easier to mow and to prevent overloading the motor. Slow your cutting pace in tall or thick grass conditions. For mulching extremely thick or tall grass, it is advisable to first cut at a high cut-height setting, and then re-cut to the final cut height. Otherwise, make narrower cuts and mow slowly. ALWAYS MAKE SURE THAT THE BLADE IS SHARP.

MAINTENANCE



WARNING:

Always switch the product off, unplug the product from power supply and let the product cool down before performing cleaning and maintenance work!



WARNING!

Only perform cleaning and maintenance work according to these instructions! All further works must be performed by a qualified specialist! And only use specified spare parts for replacement.



WARNING!

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

REPLACING THE BLADE



WARNING:

Always protect your hands by wearing heavy gloves or wrapping the cutting edges with rags or other materials when performing any maintenance on the mower blade. Always unplug the mower from power supply when servicing or transporting the mower.

To remove the blade:

1. Switch off the product and unplug the mower from power supply.
2. Turn the mower on its side to expose the underside of the blade housing.
3. Wedge a block of wood between the blade and mower deck to prevent the blade from turning.
4. Use a wrench (impact wrench is recommended) to turn the blade bolt counterclockwise to loosen and remove the bolt.
5. Remove the bolt, the washer and the blade in turn. If the retaining bracket is worn or damaged, replace the bracket with a new one.

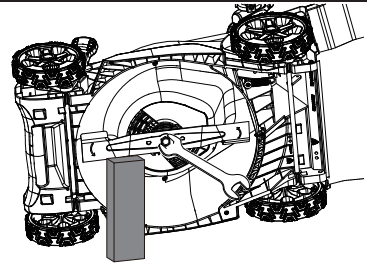


Fig. 20

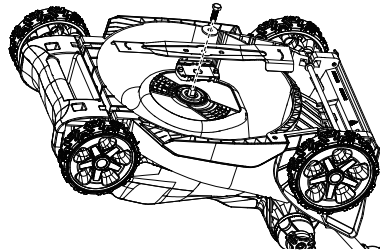


Fig. 21

To install the blade:

1. Wear protective gloves.
2. Replace the old blade with a new one and put the new blade on the retaining bracket.
3. Wedge a block of wood between the blade and mower deck to prevent the blade from turning.
4. Put the washer on the blade and insert the bolt into the hole in the blade. Use a suitable wrench (impact wrench is recommended) to turn the blade bolt clockwise to tighten the bolt.

SHARPENING THE BLADE



WARNING!

Always protect your hands by wearing heavy gloves or wrapping the cutting edges with rags or other materials when performing any maintenance on the mower blade. Always unplug the mower from power supply when servicing or transporting the mower.



WARNING!

A worn, cracked, or damaged blade can break and pieces of the damaged blade can become dangerous projectiles. Thrown objects can cause serious injury. Inspect the blade

regularly and do not operate the mower with a worn or damaged blade.



NOTE:

Keep the blade sharp for best mower performance. A dull blade does not cut grass cleanly or mulch properly.

To remove the blade, follow the “REPLACING THE BLADE” section in this manual. A dull blade can be sharpened, but a blade that is excessively worn, bent, cracked, or otherwise damaged must be replaced. A worn or damaged blade can break, causing blade pieces to be thrown from the mower.

Sharpening frequency:

Sharpening the blade twice during a mowing season is usually sufficient under normal circumstances. Sand causes the blade to dull quickly; if your lawn has sandy soil, more frequent sharpening may be required.

When sharpening the blade:

- Make sure that the blade remains balanced.
- Sharpen the blade at the original cutting angle.
- Sharpen the cutting edges on both ends of the blade, removing an equal amount of material from each end.

TO SHARPEN A BLADE IN A VISE

1. Remove the blade from the mower (please see the “REPLACING THE BLADE” section).
2. Secure the blade in a vise.
3. Wear proper eye protection and gloves and be careful not to cut yourself.
4. Carefully file the cutting edges of the blade with a fine tooth file or sharpening stone, maintaining the original cutting edge angle.
5. To check the blade balance: clamp a nail or a screw driver with a round shank in the horizontal position. Position the blade so that the nail or round shank of the screwdriver supports the blade through its center hole. Balance the blade horizontally. If either end of the blade rotates downward, remove some metal from the heavy or lower end until the blade is balanced. It is balanced when neither end drops.
6. Replace the blade on the mower and tighten it securely (please see the “REPLACING THE BLADE” section).

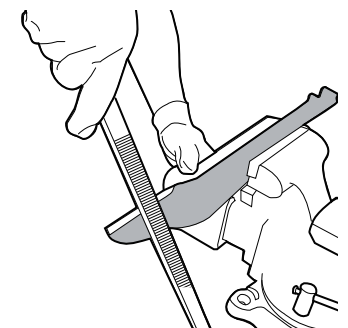


Fig. 22

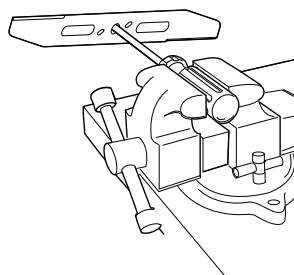


Fig. 23



WARNING!

An unbalanced blade may cause excessive vibration. It may also cause damage to the mower and could break, causing personal injury.

LIFETIME LUBRICATION

Lubrication is not necessary and may damage the product. The lawn mower is lubricated for lifetime use at the factory before shipment.

CLEANING

- Switch the product off, unplug the mower from power supply.
- Always keep the lawn mower clean and free of grass, dirt, or other debris.
- Keep the handles dry, clean, and free of oil and grease.
- Use a small brush to clean the outside of the product. Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic. Wipe off any moisture with a soft cloth.
- After each cutting session, remove

accumulated grass clippings and debris using either a dry cloth or hand brush.

- Inspect the product before and after each use for worn and damaged parts. Do not operate it if you find worn and damaged parts.



NOTE:

If the cutting blade is blocked by foreign objects during the operating, stop the product, wait for the cutting blade stops entirely, remove the foreign objects and clean the cutting blade.

STORAGE

- Unplug the mower from power supply and store the product at room temperature in a dry location.
- Clean the mower as described above.
- Inspect the blade and replace it or sharpen it if required.
- Store the mower in a dry, clean location. Do not store it next to corrosive materials, such as fertilizer or rock salt.
- Store the mower in a covered and enclosed space that is cool and dry and out of the reach of pets and children.
- Do not cover the lawn mower with a solid plastic sheet. Plastic coverings trap moisture around the mower, which causes rust and corrosion.

The handle can be folded away completely for storage:

1. Remove the grass bag/mulching insert.
2. Refer to the “CUTTING-HEIGHT ADJUSTMENT” section to move the cutting-height adjustment lever to the lowest position.
3. Pull the quick-adjust levers up to loosen the handle and completely fold away the handle.
4. Store the mower upright or flat.

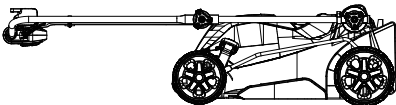


Fig. 24

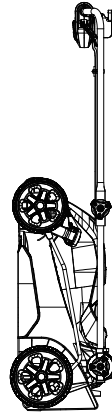


Fig. 25

5. It's recommended to store the mower with the grass bag hooked on the mower and the mulching insert installed in the mower.

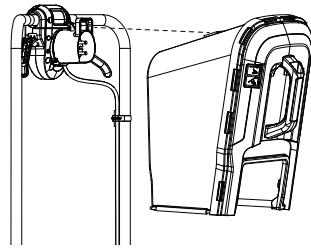


Fig. 26

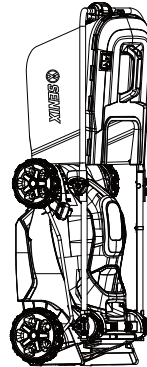


Fig. 27

6. To save space, you can choose to fold down the upper handle while storing the mower.

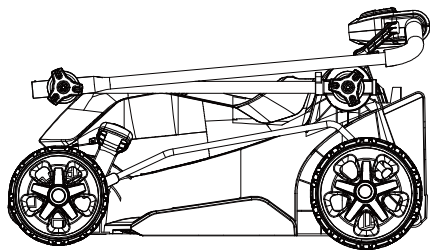


Fig. 28



WARNING!

If the mower tips over from the upright position, mower damage or personal injury may result. Always keep the mower stable and out of the reach of children when it is in the upright position. If possible, lay it flat for storage.

TRANSPORTATION

- Clean the product as described above.
- Make sure the handle is folded away completely.
- Always carry the product by its handle.
- Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- Secure the product to prevent it from slipping or falling over, damage or injury.

DISPOSAL

Waste product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. Users should clean up dust generated during operation to protect environment.



Electrical products should not be discarded with household products. Used electrical products must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

TROUBLESHOOTING

Suspected malfunctions are often due to causes that users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The mower fails to start.	The mower is improperly connected to power supply.	Connect the mower to power supply properly.
	Overheat protection	Unplug the product from power supply and check that the blade is able to rotate freely. If the lawn mower was previously in use, let the motor cool down because the electrical brake could still be engaged.
	The grass is too lush/thick.	1. Start lawn mower on short grass or in a previously mowed area and tilt back. 2. Adjust the cutting height to a correct position.
	The mower deck is clogged with grass and debris.	Clean the mower deck and make certain that the blade has freedom of movement.
The mower cuts unevenly.	The blade is dull.	Sharpen or replace the blade.
	The cutting height is not set properly.	Move the deck height to a higher setting.
	The blade is assembled incorrectly.	Clean the mower deck and make certain that the blade has freedom of movement.
Unsatisfactory result.	Damaged or worn blade.	Replace with a new one.
Product power drops.	Extension cord is not long enough or is loosely connected to the power supply.	Check that you are using a suitable extension cord of proper gauge and length.
	Air vents are blocked.	Clean the air vents.
The mower does not mulch properly	Wet grass clippings are sticking to the underside of the deck.	Wait until the grass dries before mowing.
	The mower is set to cut too much grass at once.	Raise the deck to a higher cutting-height setting.

Grass bag not filling sufficiently.	The grass is too thick but the cutting-height isn't suitable to the grass condition.	Correct the cutting-height.
	The lawn is too wet.	Allow the lawn to dry.
	The grass bag is full of grass clippings.	Empty the grass bag.
	The discharge chute is blocked.	Clean the discharge chute.
The mower stops while mowing	Mower deck is clogged with grass and debris.	Unclog the mower deck. Raise the cutting height and/or cut a narrower swath.
	The motor is too hot.	Allow motor to cool down.
There is excessive vibration	The cutting blade is loose.	Tighten the blade bolt.
	The cutting blade set is unbalanced.	Balance the blade set following the "SHARPENING THE BLADE".
	The cutting blade is bent.	Replace the blade.
	The motor shaft is bent.	Contact the service center.
	The mower is set to cut too much grass at once.	Raise the deck to a higher cutting-height setting.