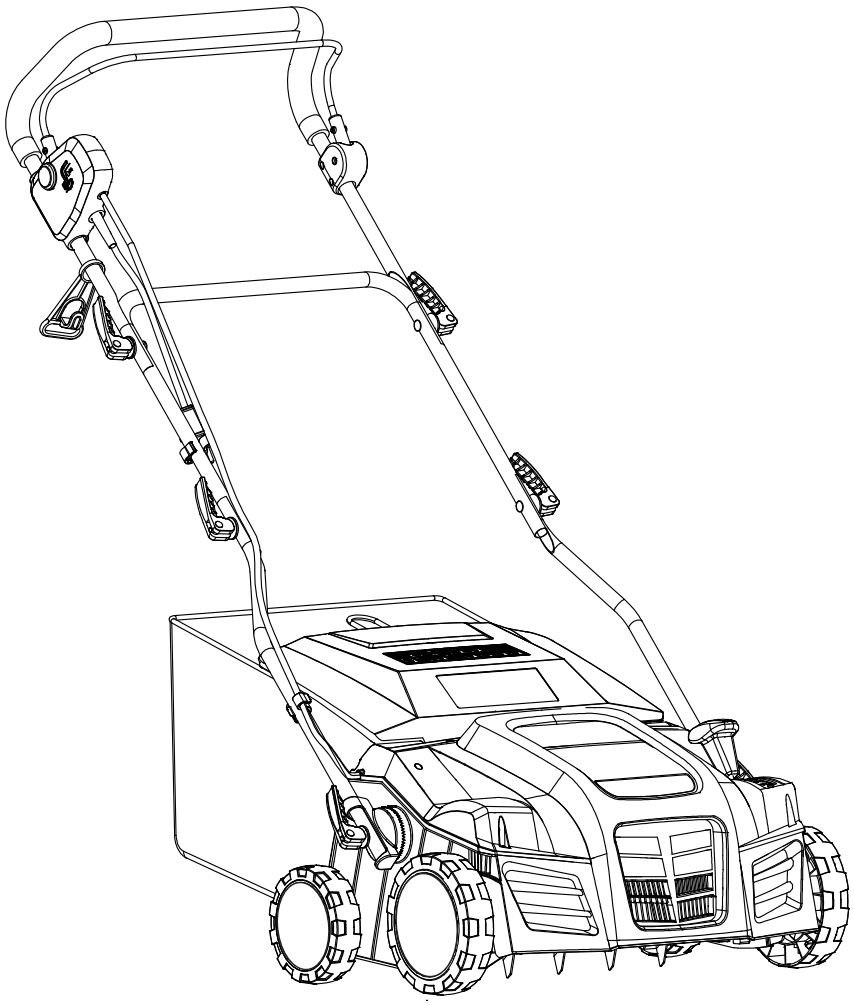
DAPPER User Manual

Dethatcher & Scarifier

Dapper Electric Dethatcher and Scarifier

Model: DP-LD1108



For any service-related issues, please contact us:
Phone Number: 718-301-8243
Email address: support@dapper-supply.com

Contents

Safety 4
Parts List 7
Assembly 8
Handles assembly **9**
Thatch bag assembly **10**
Blade Assembly and Replacement **11**
Depth Adjustment **12**
Start and Stop **13**
Storage **15**
Maintenance 16
Troubleshooting 17

Safety

⚠ WARNING

Intended Use: The appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities, unless supervised or instructed by someone responsible for their safety.
Children: Children should be supervised to ensure they do not play with the appliance.

General Instructions

- Read Instructions: Read and understand the operating instructions before use.
- Training: Familiarize yourself with the controls and proper use of the appliance.
- Authorized Users: Only allow responsible individuals who understand the instructions to operate the appliance.
- Protective Equipment: Wear personal protective equipment, such as ear protectors, safety glasses, and non-slip shoes.
- Clothing: Avoid loose clothing, jewelry, or anything that can get caught in moving parts. Use hair-nets if necessary.
- Gloves: Wear protective gloves when handling blades.
- Blades: Replace blades if they are damaged or worn. Do not use dull blades.

Risk of Injury

- Blade Handling: Risk of serious injury by cutting or amputating parts of the body. Keep hands and feet away from moving parts.
- Disconnection: Disconnect the power supply before maintenance or adjustments.
- Vibration: Prolonged use can cause health issues. Take breaks and limit exposure time.
- Health Monitoring: If symptoms like numbness occur, consult a doctor.

Additional Warnings

- Safety Measures: Follow safety measures to avoid risks to third parties.
- Proximity: Do not operate the device when people, especially children, or pets are nearby.
- Electromagnetic Fields: The tool generates electromagnetic fields which may interfere with medical implants. Keep a safe distance or consult a doctor.

Operation

Starting: Ensure the appliance is stationary before starting.
Blades: Replace damaged or worn blades. Do not use the appliance if the blades are not sharp.
Lighting: Use adequate lighting and avoid operating in poor visibility.
Maintenance: Keep the appliance clean and well-maintained.
Slope Operation: Be cautious on slopes; do not operate on excessively steep slopes.

⚠ Caution!

Hearing Damage

- Prolonged exposure to the noise from the running engine may cause hearing damage. Always wear ear protection!

Working with this device will produce noise, which is unavoidable. Schedule noisy tasks during permitted hours according to local noise ordinances. Observe required rest periods, and limit your operation time to what's necessary. For your safety and the safety of those around you, always wear appropriate hearing protection.

Even if you follow the operating instructions, there might still be some risks that aren't immediately obvious.

Before using the device, thoroughly inspect the area for debris like stones, branches, wires, or any objects that could be thrown by the machine. Ensure all screws, connections, and protective equipment are securely fastened, and all covers are properly installed.

Before starting the machine, or after any stoppage, perform these checks:

- Inspect for any damage.
- Replace or repair any damaged parts.
- Tighten all loose parts.

Starting the Engine

Do not tilt the machine unless necessary for operation. If tilting is required, only do so enough to position the cutting mechanism away from you. Ensure both hands are in the correct operating position before lowering the machine back to the ground.

Operational Safety

Never place your hands or feet near or under moving parts. Always maintain a safe distance from the discharge chute. Make sure all guards and safety devices are in place and undamaged.

MAINS CONNECTION

⚠ DANGER!

Operation is only allowed with a Ground Fault Circuit Interrupter (GFCI) device (max. ground fault current of 30mA).

- Before using the machine, inspect it, its cable, and plug for any damage or wear. Repairs should be conducted by authorized Service Agents only.
- Insert the electrical plug into an outlet that matches its shape, voltage (typically 120V for household appliances in the USA), and frequency (60 Hz), ensuring it meets current safety standards.
- Keep the connection and extension cords clear of moving parts to prevent damage.
- Use only extension cords suitable for outdoor use. The gauge for these cords should be at least 16 AWG for cables up to 50 feet long, and 14 AWG for cables up to 100 feet.

- Plug-in machines should be connected only when switched off.

This device is intended for use in locations with a continuous current capacity of at least 100 Amps (though for most household appliances, a standard outlet's 15-20 Amp capacity should suffice).

⚠ WARNING

- Electric Shock Hazard - There is a risk of injury from electric shock.
- Do not use the device if the cord or plug is damaged or worn.
- If the cord is damaged during use, unplug it from the power supply immediately. Do not touch the cord until it has been disconnected from the power source.
- Do not connect damaged cables to the power supply, and do not touch a damaged cable before disconnecting it from the power supply. Damaged cables can cause severe injuries or death due to electric shock.
- This version adapts the electrical information to US standards, considering typical household voltage, frequency, and cord specifications for extension cords.

SPECIFIED CONDITIONS OF USE

Intended Use:

This scarifier and raker is designed for scarifying and removing moss, or for raking leaves, moss, or weeds from lawns in residential and hobby gardens, depending on the attached roller.
Commercial Use Prohibited: This device is not intended for commercial applications.

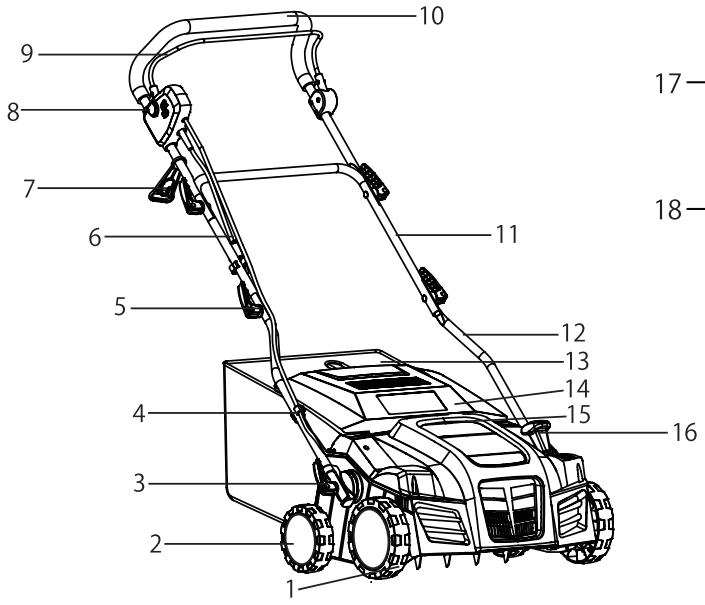
⚠ WARNING

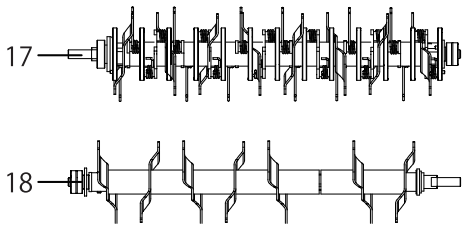
Risk of Injury:
- Rotating Blades: The rotating blades can cause serious injuries by cutting or amputating body parts.
- Safety Precautions: Always be cautious to avoid injury from the cutting tools. Proper handling reduces injury risks.
- Avoid Contact: Do not touch any dangerous moving parts before ensuring the machine is disconnected from the power supply and all moving parts have stopped.
- Protection Covers: Ensure all protection covers and safety devices are correctly attached before operating the device.
- Damaged Equipment: Never operate the machine with a damaged cover or protective device, or without these safety features.

Operational Guidelines:

- Prohibited Uses: Do not use this product for purposes other than those specified for normal use. Ignoring general safety and usage guidelines in this manual does not relieve the user from liability for damages.
- Regulatory Compliance: Be aware that the permissible uses of this tool might be limited by national regulations. Compliance with local laws and safety standards where the device is used is mandatory.
- Fire Hazard: Do not operate the device near flammable liquids or gases to avoid the risk of fire or explosion in case of a short circuit.

Parts list





1. Front Wheels 7"
2. Rear Wheels 6"
3. Angel&Fixed Knob
4. Cable Clip
5. Quick Knob
6. Plug
7. Extension cord holder
8. Safe Button
9. Switch Lever
10. No.3 Handle
11. No.2 Handle
12. No.1 Handle
13. Thatch Bag
14. Thatch Cover
15. Body Handle
16. Depth adjustment lever
17. Grass blade
18. Ripper Blade

TECHNICAL DATA

Electric Dethatcher and Scarifier	
Rated voltage / Frequency	120V 60Hz
Rated input	120V 60Hz
Working width	15A
Weight (with scarifying roller / with raking roller)	13.4inch / 13.4inch

WARNING: The declared vibration emission value has been measured in accordance with a standard test method and may be used for comparing one tool with another. The declared vibration emission value may also be used in a preliminary assessment of exposure.
An accurate estimate of the vibration load should also take into account the times when the tool is shut down or when it is running but not actually being used for the job. This may significantly reduce the exposure level over the total working period.
Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organize work patterns.

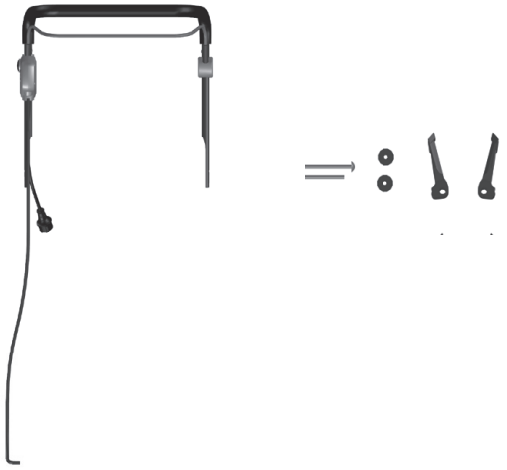
Assembly

Parts:

1



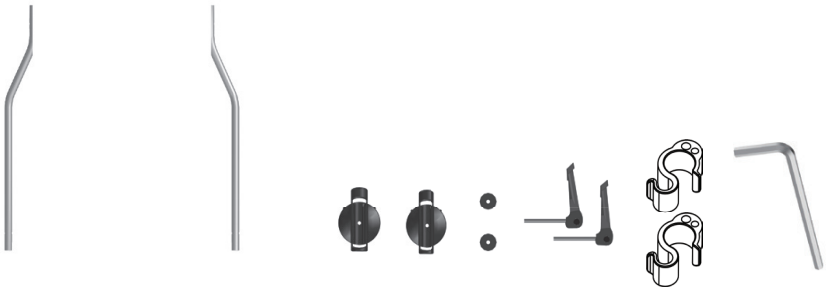
2



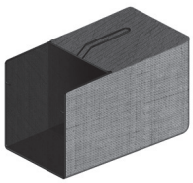
3



4



5



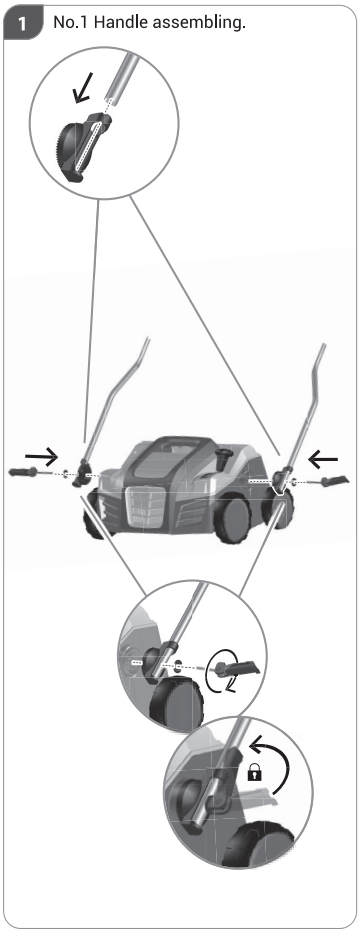
6



7



1. Handles assembly



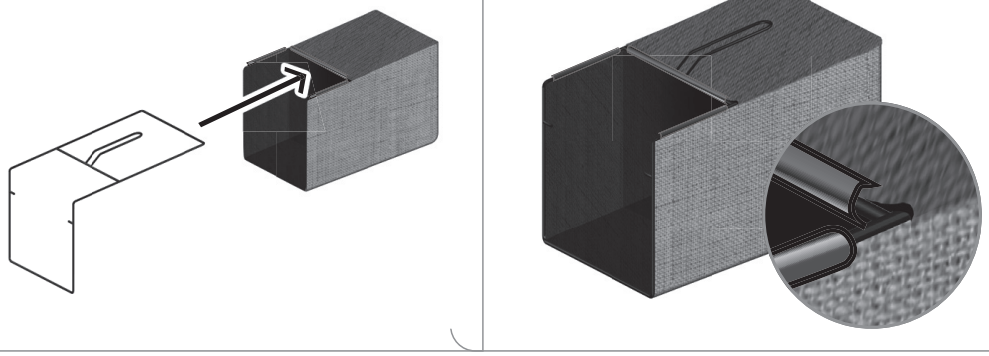




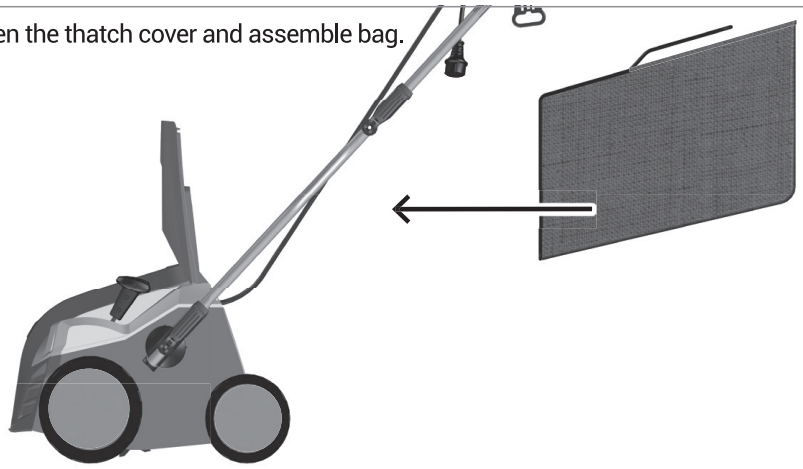


2. Thatch bag assembly

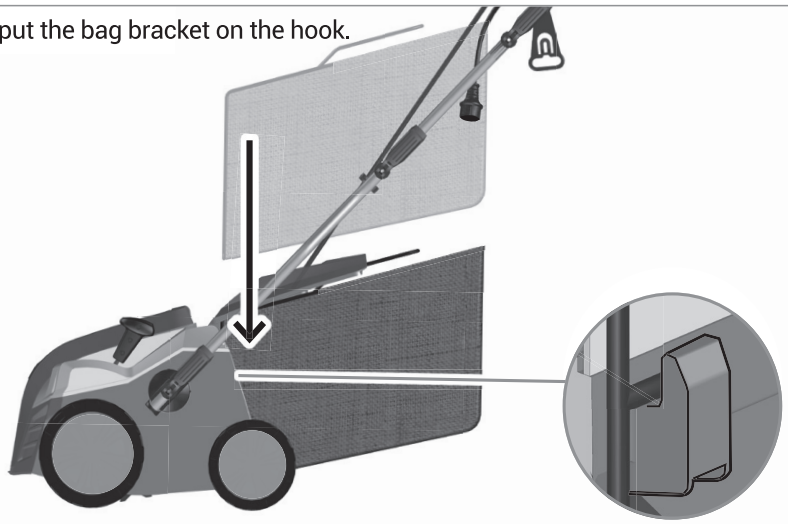
1 Put steel bracket into the bag.



2 Open the thatch cover and assemble bag.

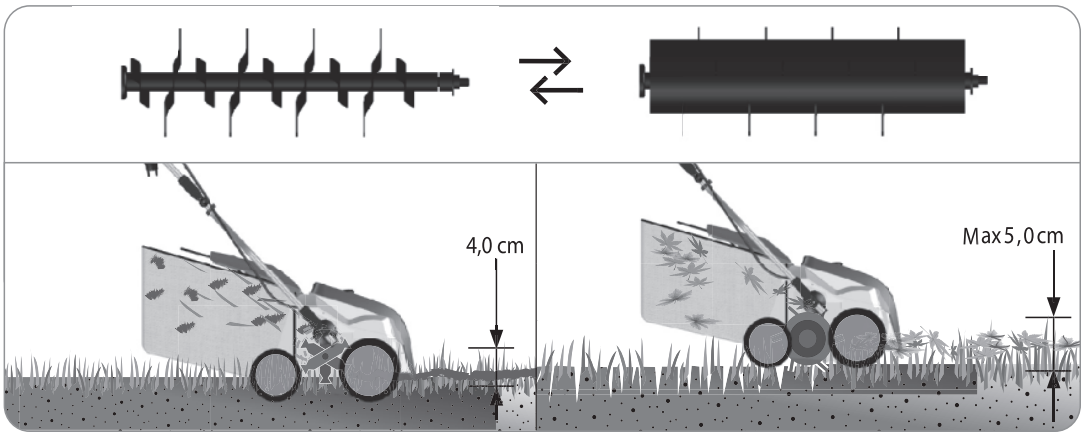


3 Sure put the bag bracket on the hook.

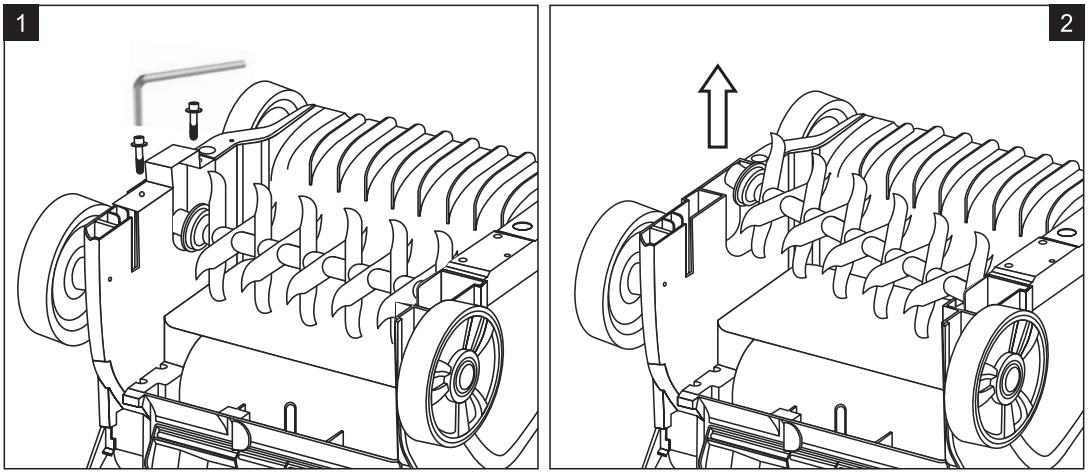


3. Blade Assembly and Replacement

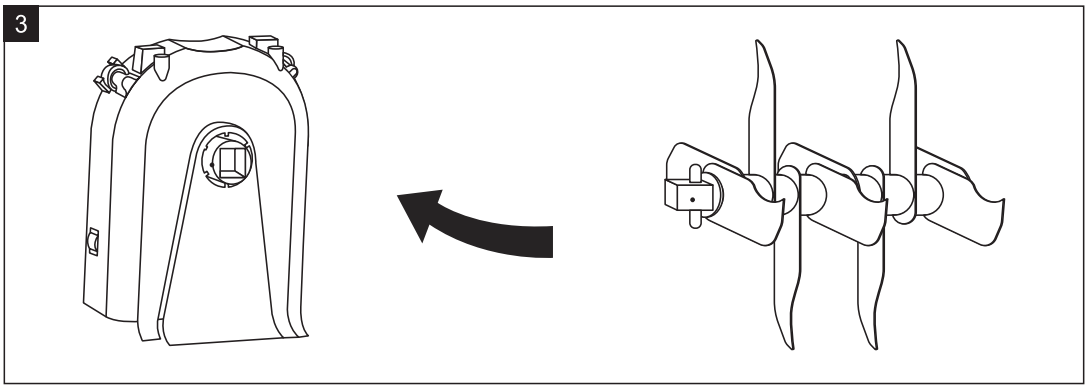
Both of replaceable blades: ripper blade and grass blade. The max height of grass for ripper blade's height: 4 mm. The max height of grass for grass blade is: 5 mm.



Blade replacement: Remove the screws with hex wrench,and take off blade support and blades.

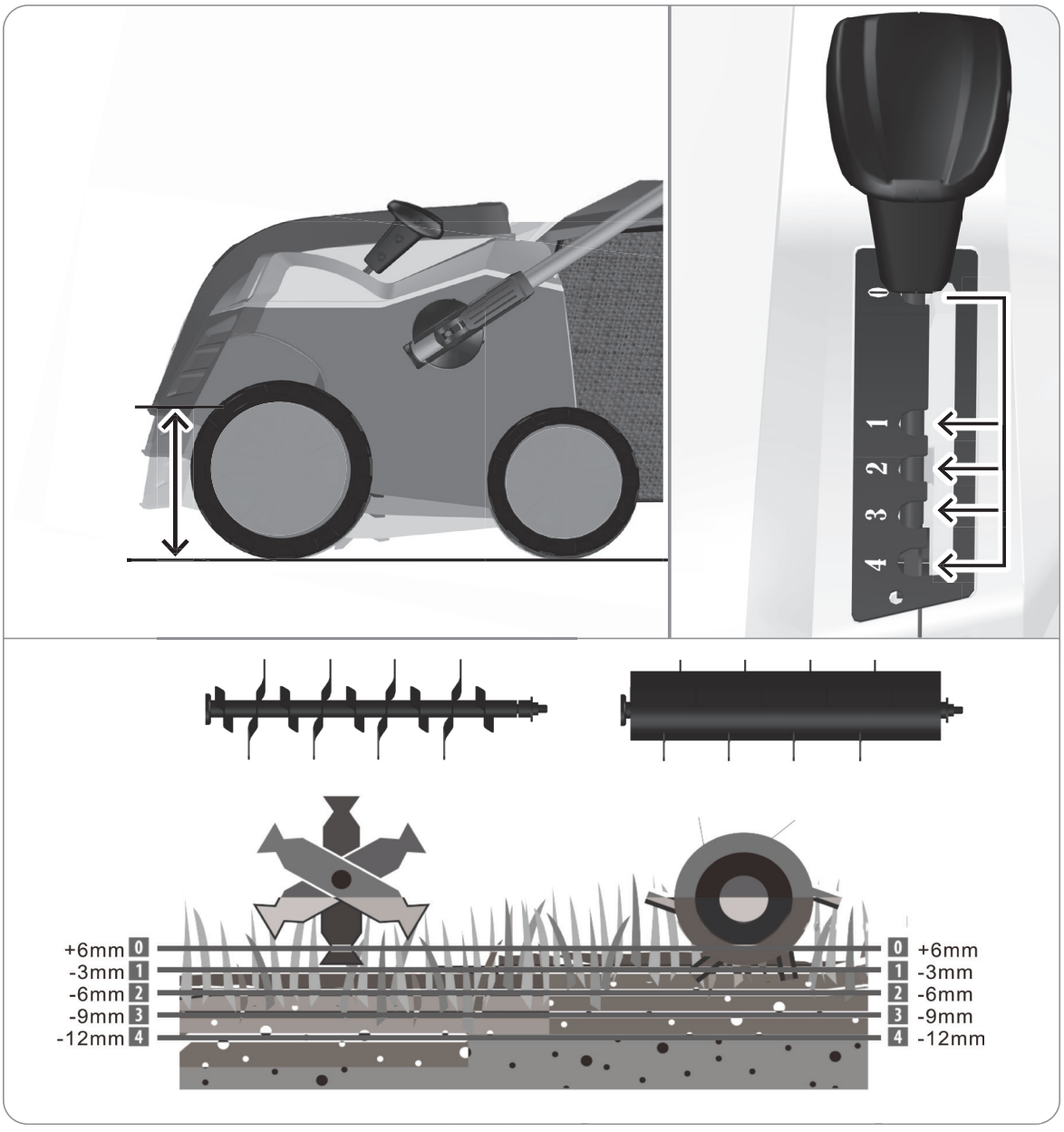


ATTENTION: The hexagons of bothparts should be aligned.



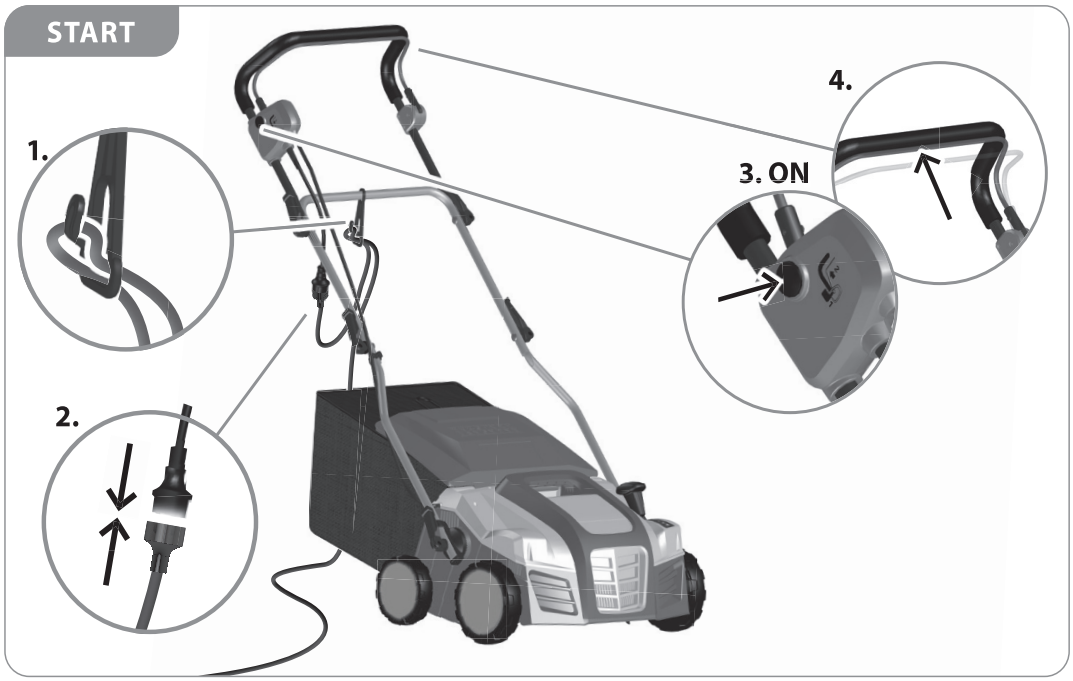
4. Depth Adjustment

Adjust the depth according to the need of your lawn. The most suitable depth depends on the kind of lawn and the actual height of the grass.
ATTENTION: Follow the picture, Depth adjustment of both blades with different heights.

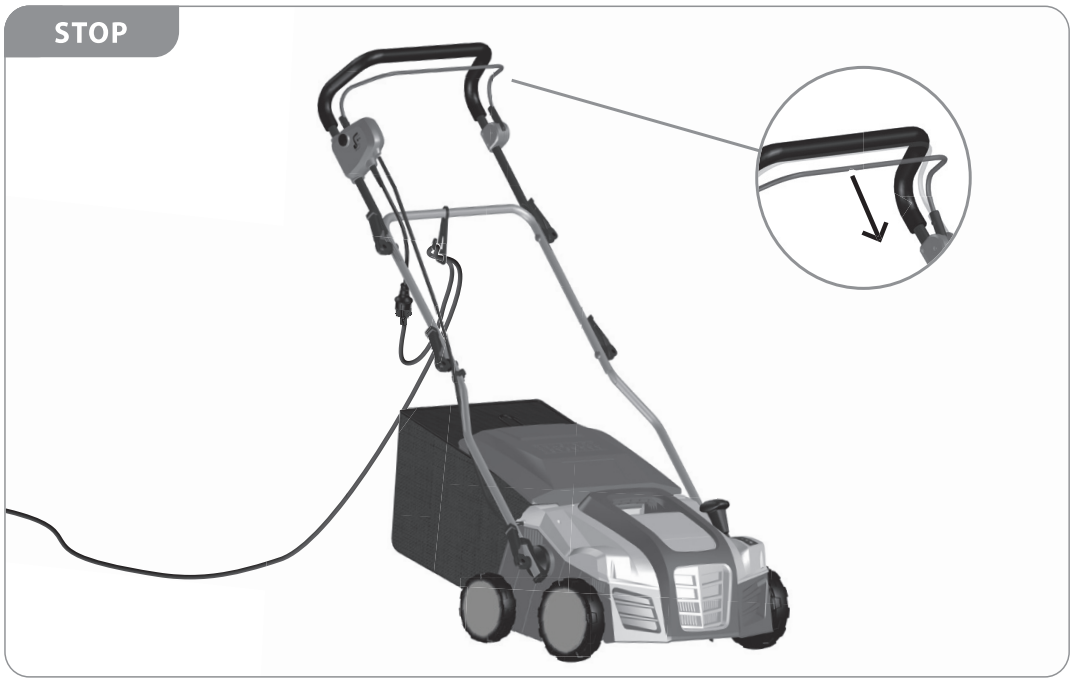


5. Start and Stop

1. Hand the extension cord up on the holder.
2. Connect the Plug with an extension cord.
3. Keeping pressing and hold the safe button.
4. Pulling the switch lever back and forth.

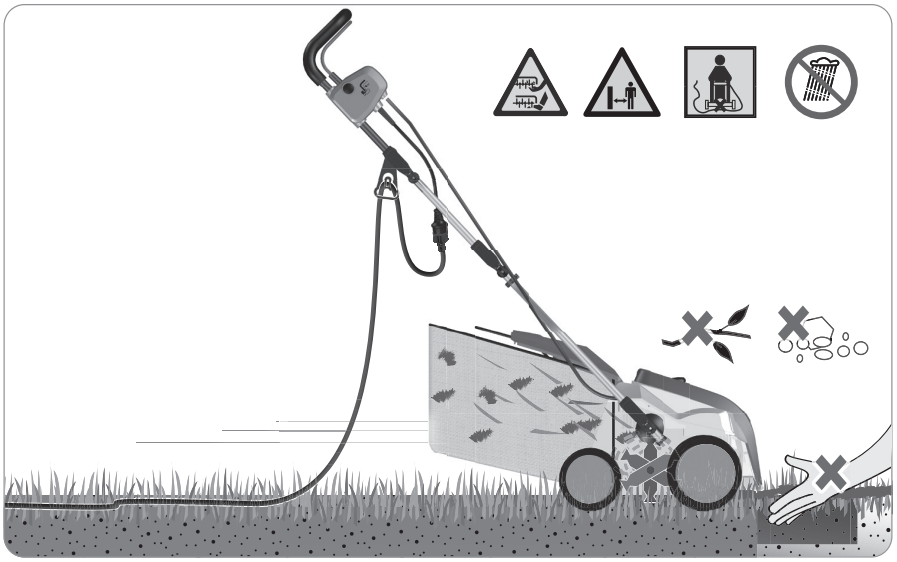


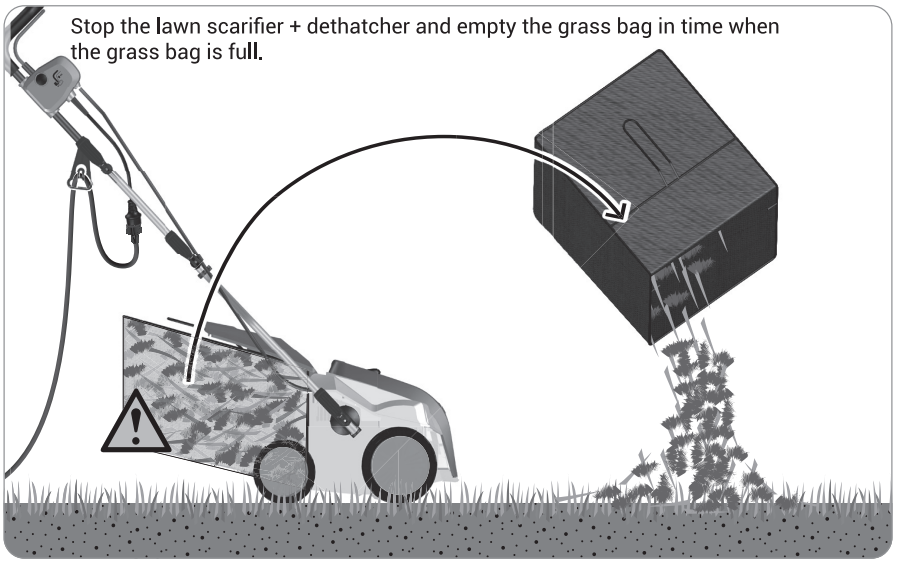
Release the switch lever and stop.



Warning

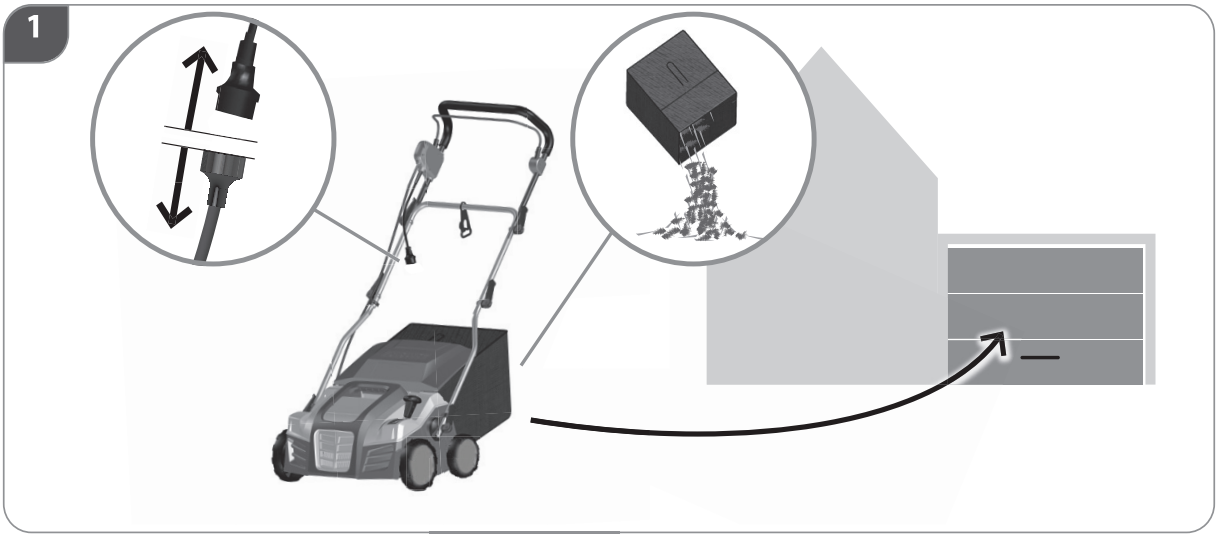
ATTENTION: Do not put your hand or foot into the underside of the lawn scarifier + dethatcher when it is working or connected to power.



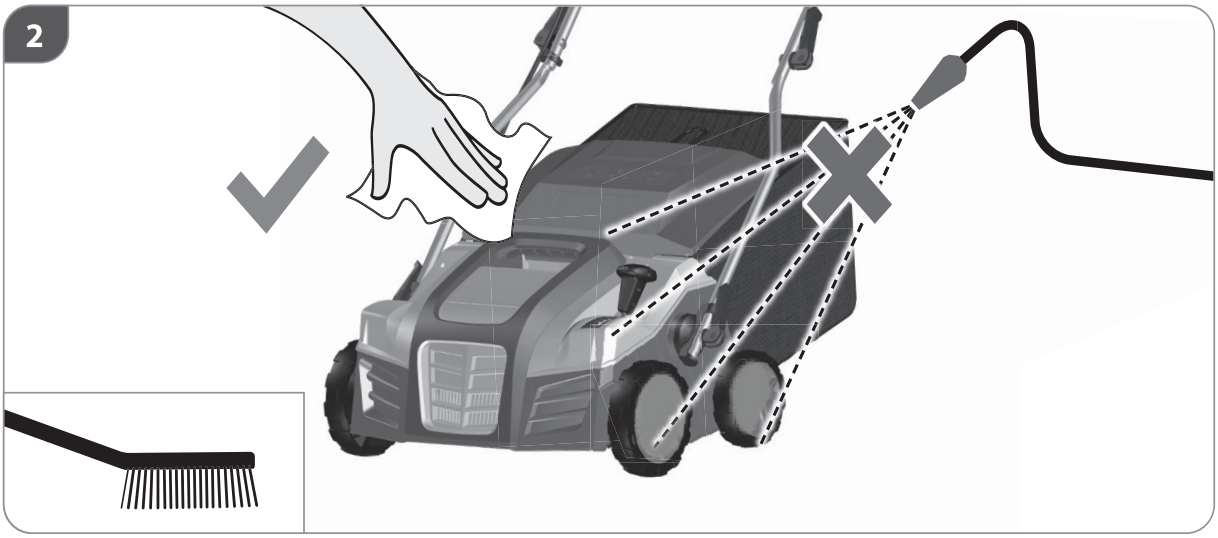


6. Storage

Unplug and clean the grass bag before store the lawn scarifier + dethatcher



Warning! Do not spray waterto clean the lawn scarifier + dethatcher.



Maintenance

⚠ Danger!

Before any adjustment, cleaning, and maintenance work, switch off the device and disconnect it from the power supply.

⚠ Warning!

- Risk of injury
- Caution – Sharp tines
- Keep fingers and feet away.
- For machines with several tine attachments, ensure that the movement of one tine attachment can lead to rotation of the other tine attachments.
- When adjusting the machine, be careful that no fingers are trapped between moving tine attachments and stationary parts of the machine.
- When maintaining the tine bodies, be aware that the tine bodies can be moved even when the drive is switched off.

Care:

- Check the collection bag at regular intervals for any wear and aging.
- After every work stint, clean the machine thoroughly from harmful dust and debris, and repair or replace any faulty parts.
- Keep the device in particular the air vents, clean at all times. Never spray water on the device body!
- Solvents, spray or toxic liquids: Us only a damp cloth making it.
- Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition;
- Only a regularly maintained and treated appliance can serve as a satisfactory aid. Insufficient maintenance and care can lead to unforeseen accidents and injuries. Regular checks should be performed by qualified staff. Repairs should be performed by the manufacturer or its service center.
- Use only original accessories and original spare parts. Using other spare parts can result in a risk of injury and damage.
- Please contact our service department if you need accessories or spare parts.

STORAGE

- The appliance must be stored in a dry place and protected from frost.
- Store the appliance in a proper place to protect it from unauthorized use.

DISPOSAL

- If your appliance should become useless somewhere in the future or you do not need it any longer, do not dispose of the device together with your domestic refuse, but use the disposal of materials and devices available from your local authority.

Troubleshooting

Failures	Causes	Fix
Engine does not start	No power supply	Check the socket, cable, line, and plug, and carry out repairs by a qualified electrician if necessary.
Roller does not rotate	Roller blocked	Check roller
	Tooth belt defective	Visit a specialist workshop
Engine stops without dropping out	Working depth too large	Adjust to a smaller working depth
	Lawn too high for scarifying	Mow the lawn
	Working depth too large	Adjust to a smaller working depth
	Blades are worn out	Visit a specialist workshop
Unbalanced run, device vibrates	Blade is damaged	Visit a specialist workshop


DAPPER