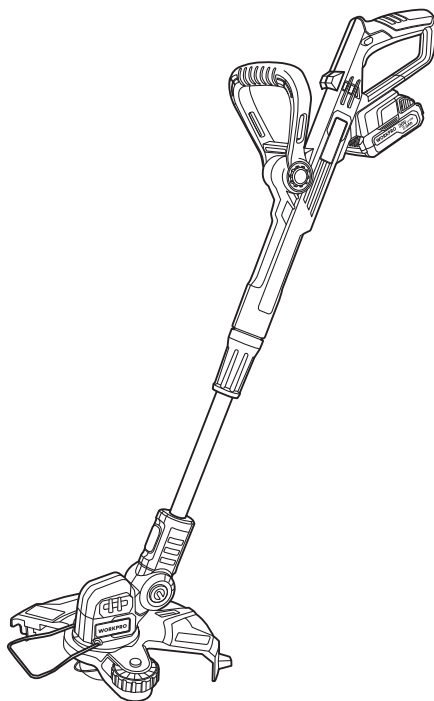


WORKPRO

OPERATOR'S MANUAL

20V CORDLESS GRASS TRIMMER



Thank you for buying a WORKPRO 20V cordless grass trimmer. Your new cordless grass trimmer has been engineered and manufactured to WORKPRO's high standard for dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble-free performance.



WARNING: To reduce the risk of injury, the user must read and understand the operator's manual.

SAVE THIS MANUAL FOR FUTURE REFERENCE



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⚠ CAUTION! Carefully read through this entire Instruction Manual before using your new WORKPRO Power Tool. Take special care to heed the Cautions and Warnings. Your WORKPRO power tool has many features that will make your job faster and easier. Safety, performance, and dependability have given top priority in the development of this tool, making it easy to maintain and operate.

ENVIRONMENTAL PROTECTION



This product has been marked with a symbol relating to removing electric and electronic waste. This means that this product shall not be discarded with household waste but that it shall be returned to a collection system.

It will then be recycled or dismantled in order to reduce the impact on the environment. Electric and electronic equipment can be hazardous for the environment and for human health since they contain hazardous substances.

DISPOSAL OF AN EXHAUSTED BATTERY PACK



To preserve natural resources, please recycle or dispose of the battery pack properly. This battery pack contains Li-ion batteries. Consult your local waste authority for information regarding available recycling and/or disposal options. Discharge your battery pack by operating your tool, then remove the battery pack from the tool housing and cover the battery pack connections with heavy-duty adhesive tape to prevent short circuit and energy discharge. Do not attempt to open or remove any of the components.

DESCRIPTION OF SYMBOLS

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



Danger! - Read the operating instructions to reduce the risk of injury.



Keep all other persons away from the danger zone.



Protect the tool from the damp and never expose it to rain.



Only recharge the battery pack indoors.



Do not burn the battery pack!



Do not expose the battery pack to sunlight or increased temperatures!



Wear safety goggles.



Wear ear defenders.



Wear a breathing mask.



Wear protective gloves.



Wear safety shoes.



Wear close-fitting work clothes.

GENERAL SAFETY RULES

WARNING. Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

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.

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 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, clothing and gloves 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.

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 the battery pack 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. 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, and accessories 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. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- i. Children should be supervised to ensure that they do not play with the appliance.

5. Battery tool use and care

- a. Ensure the switch is in the off position before inserting battery pack. Inserting the battery pack into power tools that have the switch on invites accidents.
- b. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- c. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- d. When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- e. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6. Service

- a. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY INSTRUCTIONS

Wear ear protectors.

Exposure to noise can cause hearing loss.

Loss of control can cause personal injury.

- If possible, always use clamps or a vice to hold your work piece.
- Always switch off before you put the tool down.
- Ensure that the lighting is adequate.
- Do not put pressure on the tool, such that it slows the motor down.
- Keep the area free of tripping hazards.
- Do not let anyone under 18 years operate this tool.
- Only use accessories in good condition.
- Do not touch the blade after operation. It will be very hot.
- Keep your hands away from under the workpiece.
- Never use your hands to remove sawdust, chips or waste close by the blade.
- Rags, cloths, cord, string and the like should never be left around the work area.
- Support the work properly.
- If you are interrupted when operating the tool,

complete the process and switch off before looking up.

- Periodically check that all nuts, bolts and other fixings are properly tightened.
- When using the tool, use safety equipment including safety glasses or shield, ear defenders, and protective clothing including safety gloves.

Wear a dust mask if the cutting or sanding operation creates dust.

If in doubt, do not plug in the tool. Using a power source with a voltage less than the nameplate rating is harmful to the motor.

The tool must be used only for its prescribed purpose. Any use other than those mentioned in this Manual will be considered a case of misuse. The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse.

To use this tool properly, you must observe the safety regulations, the assembly instructions and the operating instructions to be found in this Manual. All persons who use and service the machine have to be acquainted with this Manual and must be informed about its potential hazards.

Children and frail people must not use this tool. Children should be supervised at all times if they are in the area in which the tool is being used. It is also imperative that you observe the accident prevention regulations in force in your area. The same applies for general rules of occupational health and safety.

The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes. Even when the tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

Damage to the lungs if an effective dust mask is not worn.

Damage to hearing if effective ear defenders are not worn.

ADDITIONAL SAFETY INSTRUCTIONS FOR THE CHARGER

- Your WORKPRO tool with Lithium Ion batteries may only be charged with the specific designed WORKPRO Lithium Ion battery charger purchased with the tool. **IT IS DANGEROUS TO USE ANY OTHER BATTERY CHARGER TO CHARGE YOUR TOOL.** Do not attempt to charge the battery pack with any other charger than the one supplied.
- Before using the charger, read all the instructions, labels and cautionary markings on the charger and battery pack as well as the instructions on using the battery pack.
- Do not use the charger if it has been subjected to a heavy knock, dropped or otherwise damaged in anyway. Take the charger to an authorised service centre for a check or repair.
- Do not disassemble the charger. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when you use the tool or charger again. Take the charger to a power tool

repair centre when service or repair is required. Incorrect reassembly may result in the risk of fire, electric shock or electrocution. To reduce the risk of electric shock, do not disassemble any part of the product.

⚠ DANGER. If the battery pack is cracked or damaged in any other way, do not insert it in the charger

- Do not plug anything other than your WORKPRO tool into the charger, as other objects may touch dangerous voltage points or short out parts, which could result in fire or electric shock.
- Do not place the tool or charger on an uneven surface, as a fall may cause serious damage.
- Never place the tool or charger near or over a heat source such as a radiator or heater.
- Do not operate the charger in a cabinet or other enclosure unless proper ventilation is provided.
- Use the battery charger indoors only.

⚠ WARNING. Do not allow any liquid to come into contact with the charger. There is a danger of electric shock. Do not position the tool or battery charger near water; for example, near a sink, wash bowl or toilet. Do not spill liquid of any kind on the tool or charger. Doing so may short out parts, causing damage to the product and creating the risk of fire or electric shock.

- To reduce the risk of an electric shock, unplug the charger from the power supply before attempting to clean it. To clean tool or charger, wipe with a damp cloth. Use of any other cleaners is not recommended.
- Do not place any object on to, or allow anything to rest on the charger.
- Make sure that the charger cable is positioned where it will not be stepped on, tripped over or otherwise subjected to damage or stress. Keep the lead away from operating machinery.
- Do not pull on the lead of the charger to disconnect it from the mains power socket.
- Do not use an extension cord unless it is absolutely necessary. The use of an improper extension cord could cause the risk of fire, electric shock or electrocution.
- Never attempt to connect two chargers together.
- Do not charge batteries or use the tool and battery pack in locations where the temperature may be below 40°F or exceed 104°F such as alongside sheds or metal structures.
- The battery can be charged or operated at temperatures between 40° F and 104° F.

Never charge you lithium ion battery below or above temperatures recommended otherwise fire or serious damage to the battery pack may occur.

The most suitable temperatures to charge the battery pack are between 68° F -77° F.

- If you wish to charge a second battery pack, unplug the charger from the mains supply and leave it for at least 15 minutes. After this time you can charge a second battery pack.

ADDITIONAL SAFETY INSTRUCTIONS RELATED TO THE BATTERY PACK AND BATTERY SAFETY

- Use only the WORKPRO batteries supplied with the WORKPRO Tool or WORKPRO-approved replacements.
- Do not use the battery to power any device other than the WORKPRO tool it was sold with.
- Charge the battery only with the WORKPRO charger supplied with the tool or WORKPRO-approved replacements and according to the instructions in the WORKPRO Instruction Manual.
- Do not charge the battery in a place where static electricity is generated nor let the battery touch something that is statically charged.
- The battery can be stored at temperatures between 40° F and 104° F.

Never store or leave your lithium ion battery in temperatures over that recommended otherwise fire may occur.

Do NOT store the Lithium Ion battery anywhere that the temperature can easily reach higher temperatures than recommended this includes garden type sheds, and Vehicles where the inside temperature can climb to dangerous levels in the direct sunlight and on high temperature days. **THINK BEFORE LEAVING YOUR LITHIUM ION BATTERY PACK IN STORAGE.**

- The battery can be charged or operated at temperatures between 40° F and 104° F.
NEVER CHARGE YOU LITHIUM ION BATTERY BELOW OR ABOVE TEMPERATURES RECOMMENDED OTHERWISE FIRE OR SERIOUS DAMAGE TO THE BATTERY PACK MAY OCCUR.
The most suitable temperatures to charge the battery pack are between 68 -77° F.
- Always allow the battery pack to cool down after charging, do not place it in a hot environment such as a metal shed or open trailer left in the sun.
- Take care where the tool is stored. Do not store in areas of corrosive fumes, or salt air or similar conditions. Try and store the tool in the packaging supplied with the tool.
- Do not dispose of the battery in a fire or put the battery into a microwave oven, conventional oven, dryer, or high-pressure container. Under these conditions, the battery may explode.
- Never attempt to open the battery pack, puncture the battery or subject the battery to strong physical shock.
- If the plastic housing of the battery pack breaks open or cracks, immediately discontinue its use and do not recharge it. Ensure the battery pack clip is in good condition and will not allow the pack to fall free from the tool. If the clip is damaged or for any reason is not locking the pack in place Do Not continue to use.
- Stop using the battery if it exhibits abnormal heat, odour, colour, deformation, or is in an abnormal condition.
- If you detect leakage or a foul odour, it is especially

important to keep the battery away from fire. If battery liquid leaks onto your skin or clothes, wash well with clean water immediately. If liquid leaking from the battery gets into your eyes, do not rub your eyes. Rinse your eyes well (for at least 10 minutes) with clean water, and consult a doctor immediately. Do not use a leaking battery.

- Handle batteries with care to avoid shorting the battery with conducting materials, such as nails, screws, metal watch bands, rings, bracelets, and keys. The battery may overheat and could burn you.
- After the battery has reached the end of its useful life, we recommend recycling the materials at your local municipal council recycling centre. DO NOT attempt to replace the battery cells in the battery pack, repair or modify any part of the battery pack assembly.
- When recycling, make it nonconductive by applying insulating tape to the terminals located on the battery.

WHEN TO CHARGE THE BATTERY

New batteries are shipped in a low charged condition and should be fully charged before Use. The battery pack can be recharged at any time during use, provided the pack is not overheated. If the battery pack starts to cut out due to low voltage, or previous tasks undertaken can no longer be performed, it is suggested to stop using the tool and recharge the battery. For storage, it is suggested to recharge the battery between 50% and 75% charge.

GRASS TRIMMER SPECIFIC SAFETY INSTRUCTIONS

- Keep the handles dry and free of grease.
- Make sure to always wear personal protective clothing when operating
- Make sure you are positioned firmly and with a natural stance when working with the device.
- Always hold the unit tightly with both hands.
- Before starting work, check the area for animal and objects. Remove all objects that may be blown away by the unit, or that the thread may become caught on.
- Before starting work check the area and remove all objects which may damage the cutting mechanism.
- Always ensure sufficient distance to the cutting mechanism.
- In the vicinity of 15 m around the cutting area there should be no people or animal as they may be hurt

by flying objects.

- Only work with good light and visibility.
- Do not work above hip height! Do not bend forwards or lean over backwards!
- The clothing of the operator should be close-fitting. Avoid wearing loosely fitting clothing. Wear sturdy footwear and long work trousers.
- Pay attention when walking backwards. Danger of stumbling!
- The cutting tool will continue to rotate even after the engine has been switched off.
- Risk of injury caused by the cutting blades! After pulling out a new thread, always keep the machine in the normal working position before switching on.
- Ensure that the ventilation slots are kept free from dirt.
- Never mount metal cutting elements.
- Children should be supervised to ensure that they do not play with the device.
- Remember that moving parts may also be located behind ventilation and venting slots.
- Symbols affixed to your tools may not be removed or covered. Information on the device that is no longer legible must be replaced immediately.

WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects of other reproductive harm. Some examples of these chemicals are:

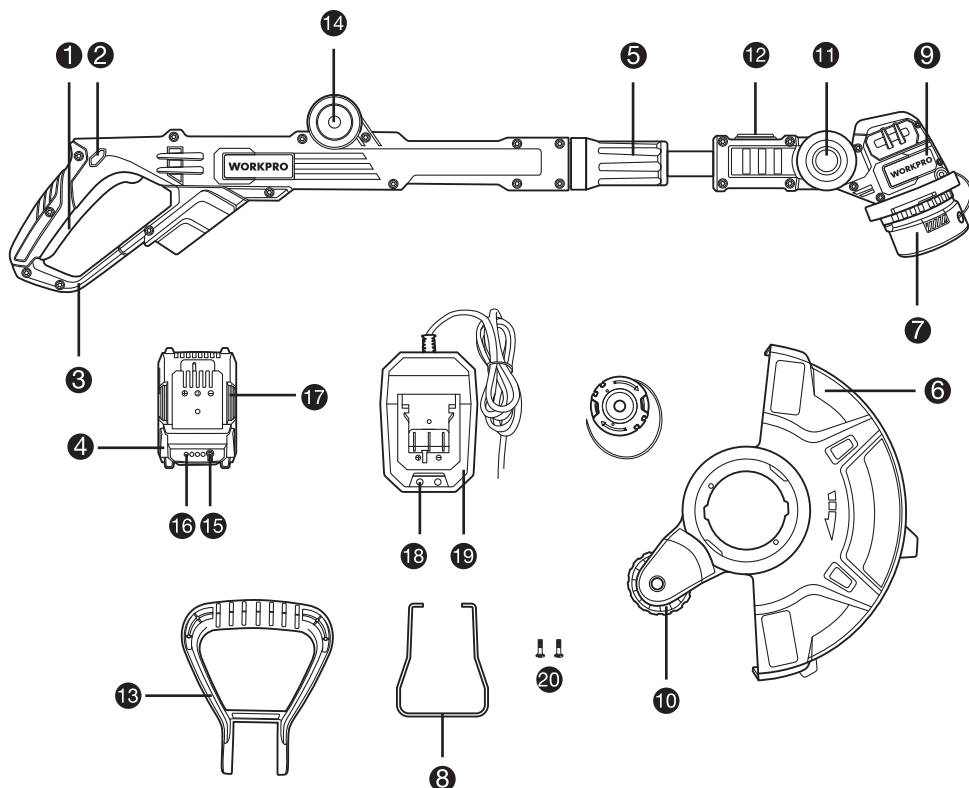
- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

UNPACKING

Due to modern mass production techniques, it is unlikely that your WORKPRO Power Tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

KNOW YOUR PRODUCT



- | | | |
|----------------------------|--|--|
| 1. On/off switch | 8. Flower guard | 15. Push button for capacity display |
| 2. Safety lock | 9. Cutting head | 16. Display for remaining capacity |
| 3. Operating handle | 10. Edging wheel | 17. Locking button for releasing battery |
| 4. Battery pack | 11. Lock for cutting head inclination | 18. Control lights |
| 5. Shaft adjustment collar | 12. Edging function convert button | 19. Battery charger |
| 6. Safety hood | 13. Auxiliary handle | 20. Screws for fitting safety hood |
| 7. Spool and line | 14. Push button for adjusting front handle | |

TECHNICAL DATA

MODEL NO	W159006A
No-load speed	6500rpm
Battery type	Li - ion
Battery voltage	20V
Battery capacity	2000mAh
Cutting width	12 in
Cutting line dia.	0.065 in
BATTERY CHARGER	
Input	120V AC 50-60Hz 70W
Output	20V dc 2.4A
Charging time	60 minutes

SCOPE OF DELIVERY

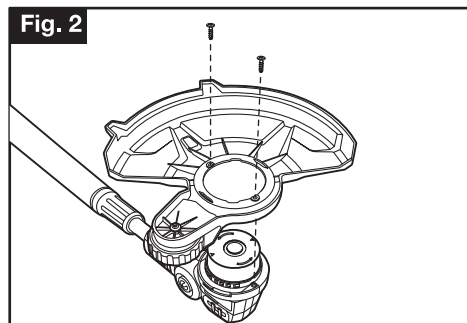
- Operating manual
- Lawn trimmer
- Battery pack
- Charger
- Extra spool and line

ASSEMBLY

⚠ CAUTION! Risk of injury! On the underside of the safety hood there is a sharp blade designed to cut the thread.

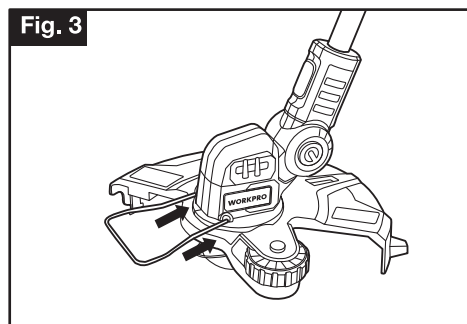
Fitting the safety guard (See Fig. 2)

- Turn the grass trimmer upside down. Mount the protective hood on the motor head
- Then fix the safety guard with 2 screws (20).



Fitting the Flower Guard (See Fig. 3)

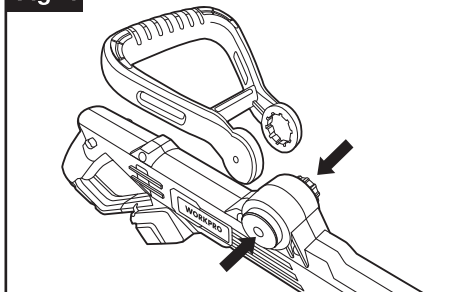
- Attach the flower guard (8) to the motor housing.



Fitting the Auxiliary handle (See Fig. 4)

- Push the button (14), and mount the auxiliary handle into the operating handle.
- Rotate the auxiliary handle to the required angle.
- Release the button and ensure the handle clicks into a locked position.

Fig. 4



OPERATION



⚠ CAUTION! Risk of injury! Comply with all safety instructions when handling rechargeable devices.

⚠ NOTICE! Risk of damage to the unit! Do not allow the battery pack to deep discharge.

⚠ NOTICE! Risk of damage to the unit! Do not press the On/Off switch after the device has deactivated automatically.

ℹ NOTE: The Li-Ion battery pack can be charged at any time without affecting the lifetime of the unit. Interrupting the charging process will not damage the battery pack.

ℹ NOTE: If the battery is fully loaded, the charger automatically switches over to the maintenance charge function. The battery can thus remain in the charger permanently.

Removing and inserting the battery pack

⚠ WARNING: make sure that the tool is "OFF".

The battery pack must be charged prior to the first start-up, charging time: around: 60 minutes.

■ Press in the locking button (17) and remove the battery from the device.

■ Insert the battery pack (4) into the charger (19). (See Fig. 5)

■ Plug the charger (19) into the power supply. The charging status is displayed by the control lights (18).

■ Slot the battery pack (4) into the device and make sure it clicks into place correctly. (See Fig. 6)

Fig. 5

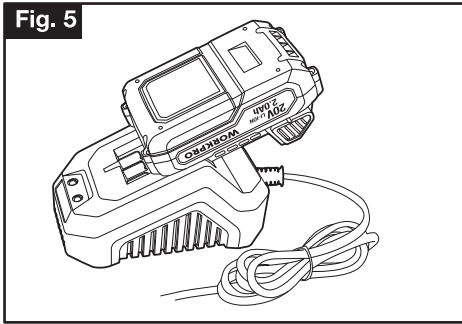
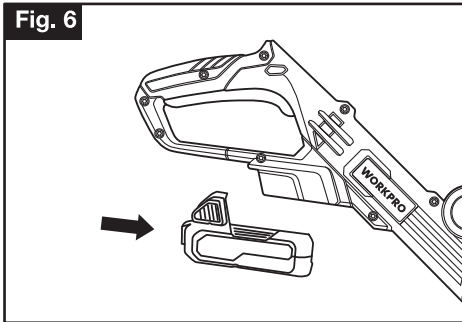


Fig. 6



Checking the remaining capacity of the battery

- Press the button (15).
- The remaining capacity of the battery is displayed by the control lights (16).

Battery capacity indicator

Press the battery capacity indicator switch. The battery capacity indicator shows the charge status of the battery using 4 LEDs.

All 4 LEDs are lit:

The battery is fully charged.

3 or 2 or 1 LED(s) are lit:

The battery has an adequate remaining charge.

1 LED blinks:

The battery is empty, recharge the battery.

All LEDs blink:

The battery pack is too hot (e.g. due to direct sunshine or prolonged use) or too cold (below 4°C). Do not use or charge the battery pack, make sure the battery temperature to between 40°F(4°C) and 104°F(40°C).

Check before starting the device!

⚠ DANGER! Risk of injury! The device may only be put into operation if there are no defects. If a part is defective it must be replaced before the device is used again.

⚠ WARNING! Risk of injury! Before starting work check the area and remove all objects which may be kicked up by the unit.

Check to make sure the device is in safe operating condition:

- Check to make sure there are no visible defects.
- Check to make sure all device components are correctly mounted.

Proper position

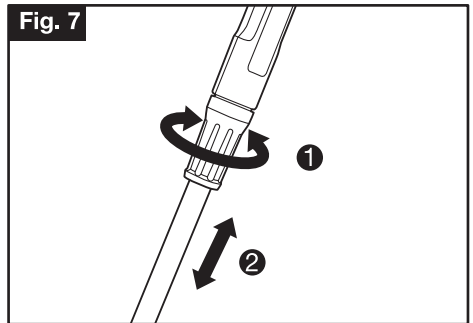
Hold the unit

- with the left hand on the front handle,
- and the right hand at approximately hip level on the operating handle,
- balanced in a comfortable way.

Setting the length of the unit (See Fig. 7)

- Slacken the Shaft Adjustment Collar (5)
- Pull the telescopic pole to the desired length.
- Retighten the Shaft Adjustment Collar (5) again.

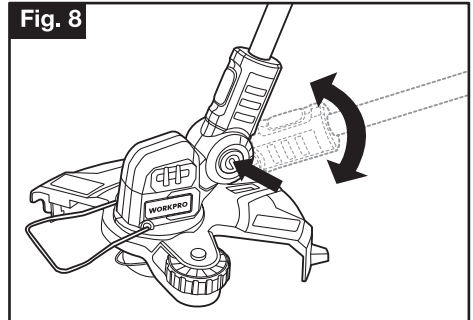
Fig. 7



Setting the angle of the cutting head (See Fig. 8)

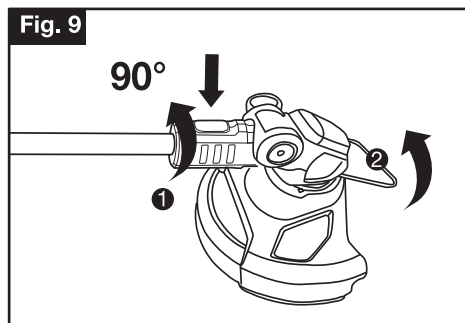
- Press in and hold the locking button (11).
- Tilt the cutting head (10) to the required position.
- Release the locking button (11) and ensure the head clicks into a locked position.

Fig. 8



Adjusting edging function (See Fig. 9)

- Adjust the trimmer head to 90 degrees for edging by pressing the locking button (12).
- Twist the flower protector to an angle of 90°.



Switching on and off

- Switching on: Press the switch lock (2) and simultaneously press the On/Off switch (1).
- Switching off: Release the on-off switch (1).

To Increase Line Length

The grass trimmer comes with a full line spool. The line wears down during work.

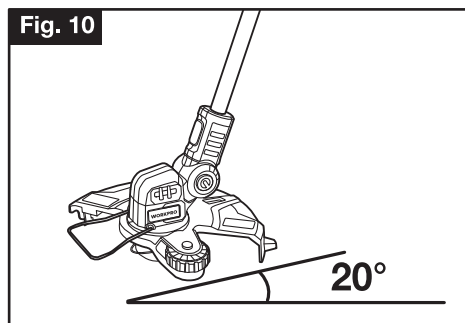
To feed in new line

- Switch on the device, the line will automatically be increased by the centrifugal force.
- Switch off and switch on again until the line is increased to the right length. The trimmer line will be cut to the right length by the blade on the safety guard.

Working Advice

Cutting grass

- Always hold the trimmer at a safe distance from body and adopt a safe stance.
- Switch on the unit.
- Hold the trimmer at an angle of about 20° to the ground and guide the trimmer in a semicircular motion around your standing position. (See Fig. 10)



NOTE: For a good cutting performance, cut high grass in stages. Starting from the tip.

Trimming Edges

This grass trimmer can be not only used for trimming grass but also used for cutting the lawn edge.

Especially, when the lawn edge is close to wall, fence, etc.

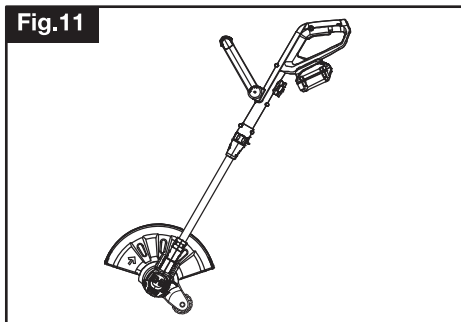
The edging function of this device is very helpful, to deal with this kind of situation.

To convert to cutting edge function. (See Fig. 9 & 11)

- Depress the edging function convert button, and hold it in place.

- Turn the operating handle by 90°, for changing its function to edging mode. Then release the edging function convert button to lock it in place.

Now you have converted the grass trimmer to an edge trimmer for cutting the lawn edge.



NOTE! While edging, only allow the tip of the line to make contact with the area being worked. Do not force the line.

The edging wheel helps to protect the unit and keep the unit from contacting the ground. Take extra caution while edging as objects can be throw from the trimmer line.

TIPS

- For best results, do not cut wet grass because it tends to stick to the cutting head and guard, prevents proper discharge of grass trimmings, and could cause you to slip and fall.
- Pay special attention when performing the work close to trees and bushes. The cutting head could damage sensitive bark, and damage fence posts.
- Use the flower protector to avoid cutting device contact with hard objects such as walls and stones.

Replacing the Nylon Line Spool (See Fig. 12 & 13)

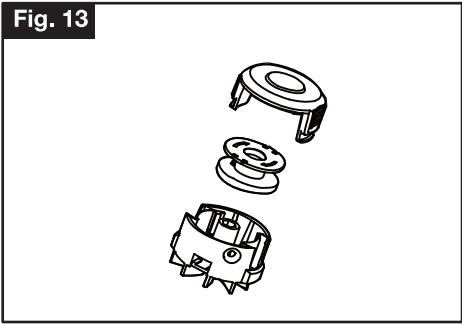
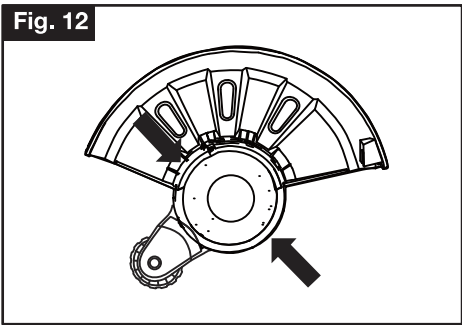
WARNING: Before performing any assembly. Always ensure that the battery pack has been removed. If the nylon cutting line is broken and the nylon spool needs replacing:

- Press together the both locking devices at the spool

cover and remove the spool cover, remove the old spool.

- Thread the new/refilled spool line through the eyehole in the trimmer head.
- Fit the line spool in the trimmer head.
- Refit the line spool cover.

⚠ WARNING: Never use steel, wire, rope, string, etc. which can break off and become a dangerous missile



STORING AND MAINTENANCE

- ⚠ WARNING:** Before performing any repair work, always remove the battery pack and wait until the cutting blade has come to a standstill.
- Do not spray the unit with water. Ingress of water may destroy the battery pack and the electric motor.
 - Clean the unit with a cloth, hand brush, etc.
 - Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition;
 - Replace worn or damaged parts for safety.

Battery Maintenance:

- Use the following procedures to enable optimum usage of the battery:
- Protect the battery against moisture and water.
 - Store the battery only within a temperature range from 40°F to 104°F. As an example, do not leave the battery in a vehicle or in the trimmer in direct sunlight.
 - Clean the ventilation slots of the battery occasionally with a soft, clean and dry brush. A considerably shortened operating time after charging is an indication that the battery is exhausted and must be replaced.
 - If you do not use the product for a long time, please charge and discharge the battery pack once every 6 months.

Storage

Clean the exterior of the machine thoroughly using a soft brush and cloth,
Do not use water, solvents or polishes.
Store the machine in a dry place. Do not place other objects on top of the machine.

TROUBLESHOOTING

Fault/malfunction	Cause	Remedy
Product not running	Battery discharged?	Charge rechargeable battery.
	Battery pack does not sit its place correctly?	Install the battery pack once again.
	Device defective?	Contact service partner.
The tool is vibrating	The tool is clean? There are more grasses accumulated in the line spool and safety guard?	Clean the tool, remove grass in between the line spool and the safety guard.
	Does the Line spool have been installed correctly?	Insert the Line Spool correctly.

CHARGER INDICATOR

Indicator Status		Explanations and Actions
Red LED	Green LED	
ON	OFF	Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger
OFF	Quick Blink (2Hz)	Low-current safety charging As the battery pack voltage is under 15V, the charger is in gentle charging mode, the charging current is below 0.5A. This can maximum the life of the battery.
OFF	Slow Blink (1Hz)	High-current charging As the battery pack voltage is above 15V, the charger is in quick charge mode, the charging current is at 2.3-2.4A. Important! The actual charging times may vary slightly from the stated charging times depending on the existing battery charge.
OFF	ON	The battery is charged and ready to use. The battery is fully charged and ready to use. Action: Take the battery pack out of the charger. Disconnect the charger from the mains supply.
Quick Blink (2Hz)	OFF	Fault Charging is no longer possible. The battery pack maybe defective. Action: Never charge a defective battery pack. Take the battery pack out of the charger.
Slow Blink (1Hz)	OFF	Temperature fault The battery pack is too hot (e.g. due to direct sunshine/prolonged use) or too cold (below 40° F). Action: Remove the battery pack and keep it at room temperature (approx. 68° F) for 3 Hours .