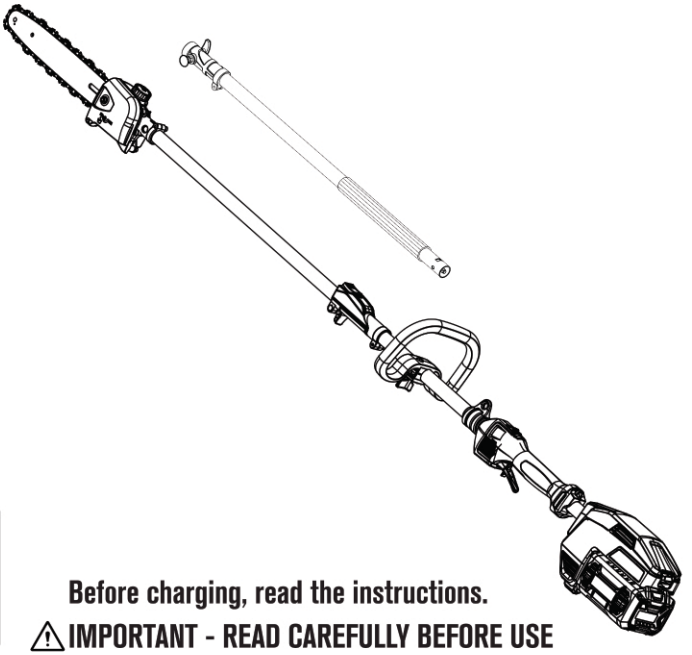
PRORUN®

60V Lithium-Ion

Operator's Manual

CORDLESS ATTACHMENT CAPABLE POLE SAW

MODEL: PMC160P



Everything PRORUN

Before charging, read the instructions.

⚠ **IMPORTANT - READ CAREFULLY BEFORE USE**

⚠ **IMPORTANT SAFETY INSTRUCTIONS – SAVE THESE INSTRUCTIONS**

WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Save these instructions for future reference.

Please let us know what you think.
To leave a review and see our full line of products, visit:

proruntech.com ★★★★★
1-844-905-0882, info@proruntech.com

Version: A - Issue Date: 2024/01/01

TABLE OF CONTENTS

1.GENERAL MACHINE SAFETY WARNINGS	1
2.SAFETY INSTRUCTIONS FOR STRING TRIMMER	4
3.TRANSPORTING AND STORAGE	5
4.BATTERY AND BATTERY CHARGER	7
5.SYMBOLS	9
6.SPECIFICATIONS	10
7.KNOW YOUR MACHINE	11
8.BATTERY AND CHARGER OPERATION	13
9.ASSEMBLY INSTRUCTIONS	15
10.OPERATION	18
11.MAINTENANCE AND REPAIR	22
12.TRANSPORTING, CLEANING, AND STORING	24
13.TROUBLESHOOTING	25
14.DISPOSAL	25
15.EXPLODED VIEW	26

1. General machine safety warnings

⚠ **WARNING Read all safety warnings, instructions, illustrations and specifications provided with this machine.** *Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injuries.*

Save all warnings and instructions for future reference.

The term "machine" in all of the warnings listed below refers to your battery operated (cordless) machine.

● Work area safety

a) Keep work area clean and well lit. *Cluttered or dark areas invite accidents.*

b) Do not operate machines in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. *machines create sparks which may ignite the dust or fumes.*

c) Keep children and bystanders away while operating a machine. *Distractions can cause you to lose control.*

● Electrical safety

a) 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.*

b) Do not expose machines to rain or wet conditions. *Water entering a machine will increase the risk of electric shock.*

c) Do not abuse the cord. Never use the cord for carrying. *Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.*

● Personal safety

a) Stay alert, watch what you are doing and use common sense when operating a machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication. *A moment of inattention while operating machines 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 machine. *Carrying machines with your finger on the switch or energizing machines that have the switch on invites accidents.*

d) Remove any adjusting key or wrench before turning the machine on. *A wrench or a key left attached to a rotating part of*

machine may result in personal injury.
e) Do not overreach. Keep proper footing and balance at all times. *This enables better control of the machine in unexpected situations.*
f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. *Loose clothes, jewelry, 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 these devices 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.*

● Machine use and care

a) Do not force the machine. Use the correct machine for your application. *The correct machine will do the job better and safer at the rate for which it was designed.*
b) Do not use the machine if the switch does not turn it on and off. *Any machine that cannot be controlled with the switch is dangerous and must be repaired.*
c) Remove the battery pack from the machine before making any adjustments, changing accessories, or storing machines. *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
d) Store idle machines out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine. *machines are dangerous in the hands of untrained users.*
e) Maintain machines and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use. *Many accidents are caused by poorly maintained machines.*
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 machine, 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 machine 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.*

● Battery tool use and care

a) 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.*

b) Use machines only with specifically designated battery packs. *Use of any other battery packs may create a risk of injury and fire.*

c) 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.*

d) 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.*

e) Do not use a battery pack or tool that is damaged or modified. *Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.*

f) Do not expose a battery pack or tool to fire or excessive temperature. *Exposure to fire or temperature above 212°F (100°C) may cause explosion.*

g) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

● Service

a) Contact PRORUN Customer Service with questions or issues with this machine. *This will ensure that the safety of the power tool is maintained.*

b) Never service damaged battery packs. *Service of battery packs should only be performed by the manufacturer or authorized*

2. SAFETY INSTRUCTIONS FOR POLE SAW

a) The machine is only designed for trimming branches or leaves, delimbing (removal of branches from trees or parts of trees). pruning (removal of live or dead branches, or of multiple leaders of shoots, shoots, from standing trees).
b) Alert! national regulations (Occupational Safety and Health, environment) may be present, which can restrict the use of the machine.
c) Beware of overhead power lines. It's very danger of using the machine near overhead electric power lines.
d) Avoid operating while people, animals, especially children, are nearby. The machine operator must ensure that no people or animals come closer than 50 feet (15 m) while working.
e) Beware of the risk of being struck by falling branches or branches that, having hit the ground, rebound.
f) Keep firm footing and balance during operation, use the harness provided.
g) Always use two hands to operate this machine.
h) Never use the machine if you are tired, if you are ill, if you have drunk alcohol, or if you are taking medication that could affect your vision, your judgement or your coordination.
i) Daily inspect the machine before use and after dropping or other impacts to identify any significant defects.
j) Wear boots with steel toe-caps and non-slip sole. Wear clothes made of a strong fabric and avoid loose clothing that can catch on twigs and branches. Always wear heavy, long pants. Do not wear jewellery, shorts sandals or go barefoot. Secure hair so it is above shoulder level.
k) Always ensure a correct working posture, operator need for sufficient rest periods and changing working positions.
l) Secure the machine during transport to prevent damage or injury.
m) Cleaning and maintenance before storage, including the cutting attachments.
n) Use of a transport cover for cutting attachment during transport and storage.
o) Stop the machine before
- cleaning or when clearing a blockage;
- checking, carrying out maintenance or working on the machine;
- adjusting the cutting device;
- leaving the machine unattended.

3. TRANSPORTING AND STORAGE

a) Unintentional starting may result in personal injury or property damage. *Remove the battery before inspecting the string trimmer or carrying out any cleaning, maintenance, repair work, before storing, and any other time the string trimmer is not in use.*

b) Improper storage can result in unauthorized use, damage to the machine, battery, and charger or an increased risk of fire, electric shock, and other personal injuries or property damage.

- Store the machine, battery, and charger indoors in a dry, secure place out of reach of children and other unauthorized users.
- Before storing, always unplug the charger from the wall outlet and remove the battery.

4. BATTERY AND BATTERY CHARGER

This section describes the battery and battery charger safety for your battery product.
Only use original batteries for products and only charge them in an original battery charger.

● Battery charger

The battery chargers are only used for charging of PRORUN® 60V replacement batteries.
– This manual contains important safety and operating instructions for battery charger.
– Before using battery charger, read all instructions and cautionary markings on battery charger, and product using battery.
⚠ CAUTION! Charge only Li-ion batteries recommended by the manufacturer.
– Other types of batteries may burst causing personal injury and damage.
– If the shape of the plug does not fit the power outlet, use an attachment plug adapter of the proper configuration for the power outlet.
⚠ WARNING! Minimize the risk of electric shock or short circuit as follows:
– Never insert any object into the charger's cooling slots. Do not try to dismantle the battery charger.
– Never connect the charger terminals to metal objects as this can short circuit the battery charger.
– Use approved and intact wall sockets.
⚠ WARNING! This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants consult their physician and the medical implant manufacturer before operating this machine. Do not use product when a thunderstorm is approaching.
– Unplug the charger from the wall outlet before inspecting or cleaning the charger.

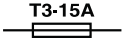
● Battery

– Do not dismantle, open or shred secondary batteries.
– Keep batteries out of the reach of children.
– Do not expose batteries to heat or fire. Avoid storage in direct sunlight.
– Do not short-circuit a battery. Do not store batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
– Do not remove a battery from its original packaging until required for use.
– Do not subject batteries to mechanical shock.
– In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
– Do not use any charger other than that specifically provided for use with the equipment.
– Do not use any battery which is not designed for use with the equipment.
– Always purchase the battery recommended by the device manufacturer for the equipment.
– Keep batteries clean and dry.
– Wipe the battery terminals with a clean dry cloth if they become dirty.
– Secondary batteries need to be charged before each use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.
– Do not leave a battery on prolonged charge when not in use.
– After extended periods of storage, it may be necessary to charge and discharge the batteries several times to obtain maximum performance.
– Retain the original product literature for future reference.
– Use the battery only in the application for which it was intended. When possible, remove the battery from the equipment when not in use.
– Dispose of properly.

5. SYMBOLS

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

	Safety Alert	Because a chain saw is a high-speed cutting tool, special safety precautions must be observed to reduce the risk of personal injury.
	Read the User's Manual	It is important that you read, fully understand and observe the following safety precautions and warnings. Read the instruction manual and the safety precautions periodically.
	Do not expose to rain	Protect the tool, battery and charger from rain, water, liquids and damp conditions. Keep the tool, battery and charger dry.
	Wear eye, ear and head protection	To reduce the risk of injury to you, always wear safety goggles or safety glasses, sound barriers and safety helmet when operating this product.
	Wear protective gloves	Always wear heavy duty nonslip gloves when handling the machine.
	Wear safety footwear	Wear sturdy boots with nonslip soles. Never wear sandals, flip-flops or go barefoot.
	Remove the battery	Disconnect or remove the battery before cleaning or maintenance.
	Beware of over-head power line	Minimum distance of 32.8 feet (10 m) to electrical cables and live lines!
	Never expose to fire	Risk of fire, explosion and/or burns, including chemical burns. Never incinerate or place the battery on or near fires, stoves or other high-temperature locations.
	Never heat the battery	Do not disassemble, crush, heat above 212°F (100°C). Never expose the battery to high pressures.
	Never immerse in water	To reduce the risk of personal injury or property damage from a short circuit, fire or explosion. Never immerse the battery in water or other liquids.
	Recycling	Take the machine, charger, accessories and packaging to an approved disposal site for environmentally friendly recycling.
	Waste	Symbols on the product or its packaging indicate that this product cannot be handled as domestic waste. This product must be deposited at an appropriate recycling facility.

	Indoor use only	Use and store charger only indoors in dry rooms.
	Class II tool	Battery charger is belong to Class II tools. It intended for charging Li-ion batteries, and having an output at safety extra-low voltage.
	Fuse	T3.15A time-lag miniature fuse-link
~	Alternating Current	Type of current
Li-Ion	Lithium-ion battery	Type of battery
	Direct Current	Type of characteristic of current

This below units may be used in mannual:

V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency(cycles per second)
W	Watts	Power
min	Minutes	Time
mm	Millimeter	Length or size
in.	Inch	Length or size
Kg	Kilogram	Weight
lb	Pound	Weight
RPM	Revolutions per minute	Rotational speed

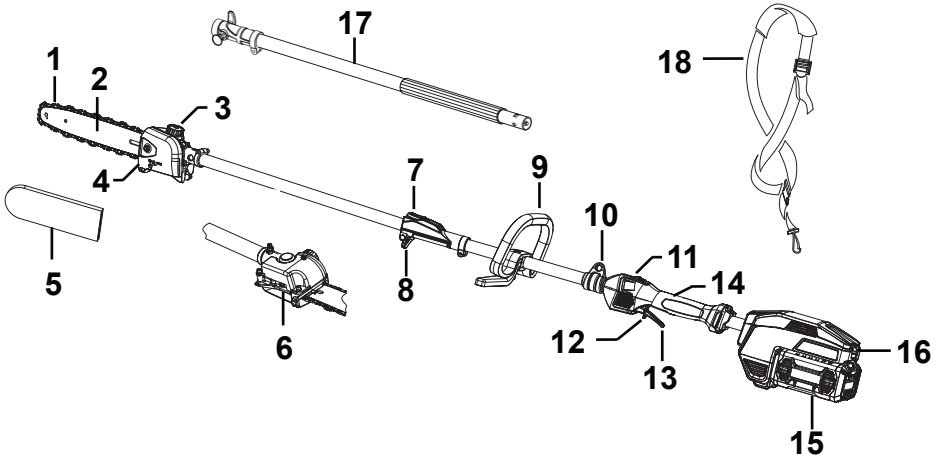
⚠ DANGER! People with electronic devices, such as pacemakers, should consult their physician(s) before using this product. Operation of electrical equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker.

6. SPECIFICATIONS

Machine model	PMC160P
Voltage	DC 60V
Motor type	BLDC
Maximum speed of output shaft	8000 RPM (high), 6000 RPM (low)
Drive sprocket	7T * 3/8 inch
Picth	3/8 inch
Gauge	0.050 inch (1.27mm)
Cutting length	10.25 in (260 mm)
Weight (without battery, empty oil tank)	9.63 lb (4.37 Kg)
Recommended guide bar and saw chain combinations	Oregon 100SDEA318 + 91P040X
Sound pressure level L_{pA} according to IEC 62841-4-1	93.6 dB(A)
Sound power level L_{wA} according to IEC 62841-4-1	101.6 dB(A)
The noise uncertainties values	K = 3.0 dB(A)
Vibration according to IEC 62841-4-1*	Front handle: 3.81 m/s^2 Rear handle: 4.17 m/s^2
The vibration uncertainties value	K=1.5 m/s^2
Battery charger	PC16026
Charger Input	AC 100-240 V, 50/60 Hz, 170 W
Charger Output	DC 62.4 V, 2.6 A
Battery	PB16025
Battery rated parameter	DC 54 V, 2.5Ah

The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another. The declared vibration total value may also be used in a preliminary assessment of exposure. The vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used.

7. KNOW YOUR MACHINE



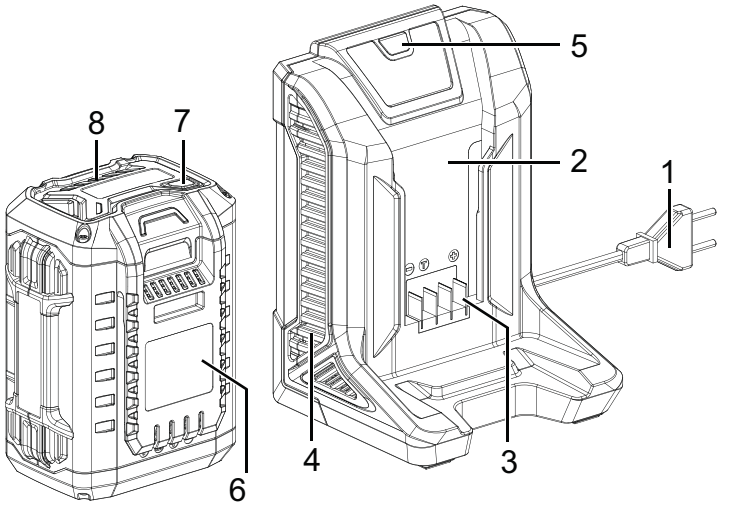
1.Saw chain
2.Guide bar
3.Chain oil tank cap
4.Chain sprocket cover
5.Guide bar cover
6.Chain oil flow adjuster
7.Lock Pin
8.Lock knob
9.Front handle &barrier bar
10.Suspension ring
11.Speed switch
12.Trigger lock out
13.Variable speed switch trigger
14.Rear handle
15.Battery
16.Battery release button
17.Extension attachment
18. Harness

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

8. BATTERY AND CHARGER OPERATION

This section describes the battery and battery charger safety for your battery product.

Only use PRORUN original batteries for PRORUN products and only charge them in an original battery charger from PRORUN. The batteries are software encrypted.



1. Electric plug
2. Battery charger
3. Electrical terminal
4. Cooling slots
5. Charger LED light
6. Battery
7. Electric charge status button
8. 5 LED charge status indicator

NOTE! The specifications of the plugs can be different by country, the picture is only for reference. If the shape of the plug does not fit the power outlet, use an attachment plug adapter of the proper configuration for the power outlet

⚠ **WARNING! Risk of electric shock and short circuiting.** Use approved and intact wall sockets. Make sure that the power cord is not damaged. Replace power cord if it appears to be damaged in any way.

• Connect the battery charger

This entire section should match string trimmer manual:

Connect the battery charger (3) to the voltage and frequency specified on the rating plate.

– Put the electric plug (1) in an earthed or grounded socket-outlet.

– The charging indication LED (5) will shine green indicating that the charger is working correctly.

– After 5 second, the light will turn off if no battery in the charger.

• Connect the battery to the battery charger

The battery must be charged before using it the first time. The battery is only 30% charged when delivered.

NOTE! Monitor the charging process while charging a battery. It is recommended to remove ehe battery from the battery charger when the battery is full charged, or the charger is diaconnected from the power supply.

- Align the raised ribs of the battery pack with the mounting slots in the charger, slide the battery pack down onto the charger and engage ehe battery with the charger's electrical terminals.
- The charger will communicate with the battery packto evaluate the condition of the battery pack.
- While the battery pack is charging, the charger's indication LED will shine as follows to indicate the

charging process and levels:


The charging LED light always flashes green when the battery is charging.


The charging LED light shines consistently green if the battery is fully charged.


The battery will not be charged if the battery temperature is deviation from normal. In that case the fault LED light flashes red until the battery cool down or heat to normal temperature.


NOTE: The battery will never be charged if the battery is damaged. In that case, the charger LED light shines consistently RED.

- The five LEDs on the battery pack indicate the current charged power level. Press the battery's electric energy button to check the power lever of the battery.
- When the battery is full charged, the battery charger will stop charging (switch to stand by).
- It is recommended to remove the battery from the battery charger when the battery is fully charged, or the charger is disconnected from the power supply.
- Pull out the plug. Never use the power supply cable to disconnect the charger from the wall socket.

Maintenance

- Make sure the battery and battery charger are clean and that the terminals on the battery and the battery charger are always clean and dry before the battery is placed in the battery charger.
- Keep the battery guide tracks clean. Clean plastic parts with a clean and dry cloth.

Transport and storage

- Store the equipment in a lockable area so that it is out of reach of children and unauthorized persons.
- Store the battery and the battery charger in a dry, moisture-free and frost-free space.
- Store the battery where the temperature is between 41 °F (5 °C) and 77 °F (25 °C) and never in direct sunlight.
- Store the battery charger only in an enclosed and dry space.
- Be sure to store the battery separate from the battery charger.

Fault codes

Troubleshooting the battery and the battery charger during charging.

LED display	Possible faults	Possible action
Charger LED flashing red.	The battery is ok, but may be experiencing temperature deviation.	Charge the battery in surroundings where temperatures are between 41 °F (5 °C) and 113 °F (45 °C). Wait the battery cool down.
Charger LED always light red.	Battery is damaged. Charger is damaged.	Contact PRORUN Customer Service.

9. ASSEMBLY INSTRUCTIONS

● Unpacking

This product requires assembly of the adjustable front-assist handle and cutting guard.

– Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.

– Inspect the product carefully to make sure that no breakage or damage occurred during shipping.

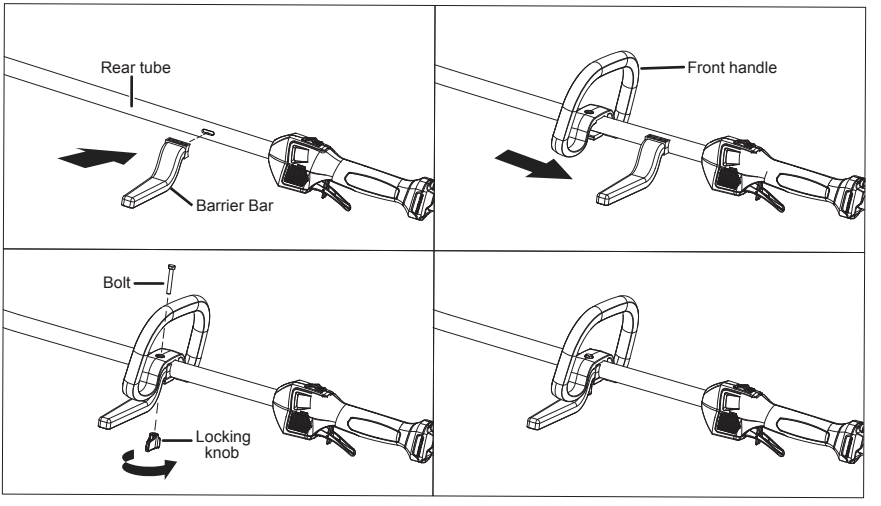
– Do not discard the packing material until you have carefully inspected and satisfactorily operated the product

● Package contents:

1.60V Attachment capable powerhead
2.Pole Saw attachment assembly
3.Extender attachment assembly
4.Saw Chain
5.Guide bar
6.Guide bar cover
7.Battery
8.Battery charger
9.Front handle & barrier bar
10.Harness
11.Multi-tool scrench
12.Operator's manual

● Install the front handle

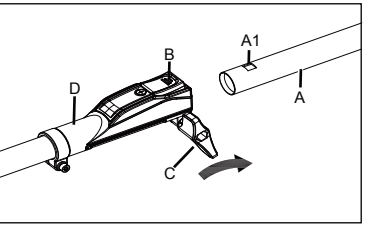
1. Align the protruding boss of the barrier bar with the slotted hole on the rear tube.
2. Clip the front handle into the rear tube and slide it to the barrier bar.
3. Insert the bolt through the front handle and barrier bar as illustrated.
4. Secure the front handle and barrier bar by threading the locking knob onto the bolt and tightening.



● Connecting the pole saw

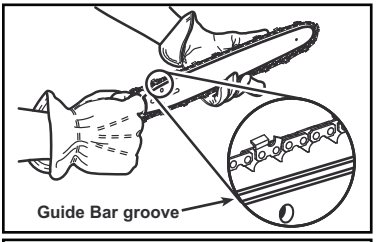
Align the hole (A1) on the front tube (A) and the lock pin (B). Inserting the front tube (A) into the connector (D) until the lock pin (B) clicks and returns to its original position. Turn the lock knob (C) clockwise to tighten the front tube securely.

Turn the lock knob (C) counterclockwise and press the lock pin (B) to pull out the tube to remove.



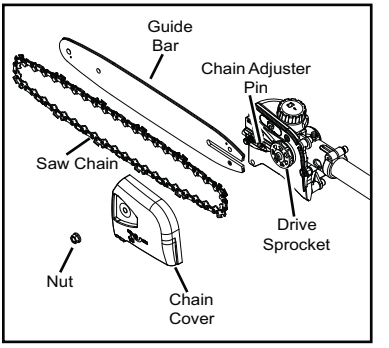
● Fitting guide bar and chain saw

– Loosen and remove the Chain Cover Nut, then remove the Chain Cover from the Cutting head.

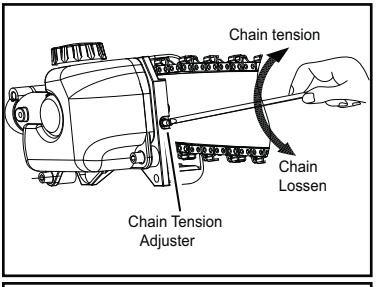


– Place the Saw Chain over the Guide Bar. The cutters of the Saw Chain must face away from the motor along the top edge of the Guide Bar. Fit the Drive Links into the groove around the Guide Bar.

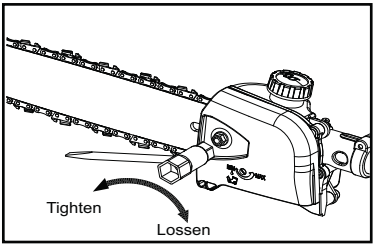
– Fit the guide bar over the bar bolt. Place the guide bar in its rearmost position. Gear the saw chain with the drive sprocket. Make sure that the edges of the cutting links are facing forward on the top edge of the guide bar. Locate the chain adjuster pin in the hole in the guide bar. Check that the drive links of the saw chain fit correctly on the drive sprocket and that the saw chain is in the groove in the guide bar. Fit the chain cover and tighten the nut finger-tight.



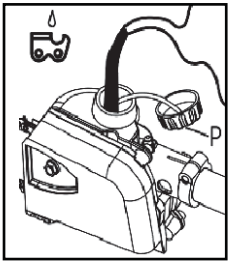
– Tension the saw chain by turning the Chain tension adjuster clockwise using the multi-tool scrench. The saw chain should be tensioned until it does not sag from the underside of the bar.



– The saw chain is correctly tensioned when it does not sag from the underside of the guide bar, but can still be turned easily by hand. Hold up the guide bar tip and tighten the nut with the multi-tool scrench. If necessary, readjust with the nut loose.
When fitting a new chain, the chain tension has to be checked frequently until the chain is run-in. Check the chain tension regularly. A correctly tensioned chain ensures good cutting performance and long life.



● Chain oil



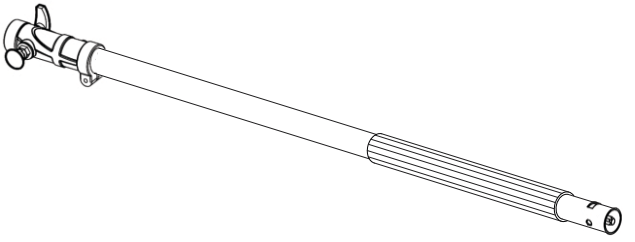
WARNING! Poor lubrication of cutting equipment may cause the chain to snap, which could lead to serious, even fatal injuries.
- Chain oil must demonstrate good adhesion to the chain and maintain its flow characteristics regardless of whether it is warm summer or cold winter weather.
- **Never use waste oil!** This is dangerous for yourself, the machine, and the environment.

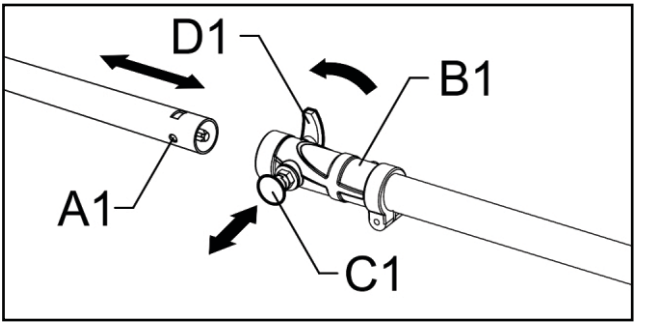
- Remove chain oil cap and fill the machine with a biodegradable, high performance chainsaw oil lubricate (not included).
- The oil pump is preset at the factory to meet most lubrication requirements.
- Inspect oil level and fill to designated line on tank before every use.
- Tighten the oil cap (P) securely after every filling.

● Connecting the extension attachment

The extender attachment allows for trimming and pruning up to 12-14 feet for persons 6-feet tall.

- Align the round hole (A1) On the pole saw attachments front tube and the extension attachment's lock pin (C1).
- Pull the lock pin out while inserting the pole saw attachment into the connector (B1). Push the pole saw attachment tube to the end until the lock pin aligns with the round hole.
- Release the extension attachment's lock pin, it will return to its original position automatically and insert itself into the round hole on the attachment tube.
- Make sure the attachments cannot be rotated after the lock pin is back to its original position.
- Turn the lock knob(D1) clockwise to tighten the attachment to securely.





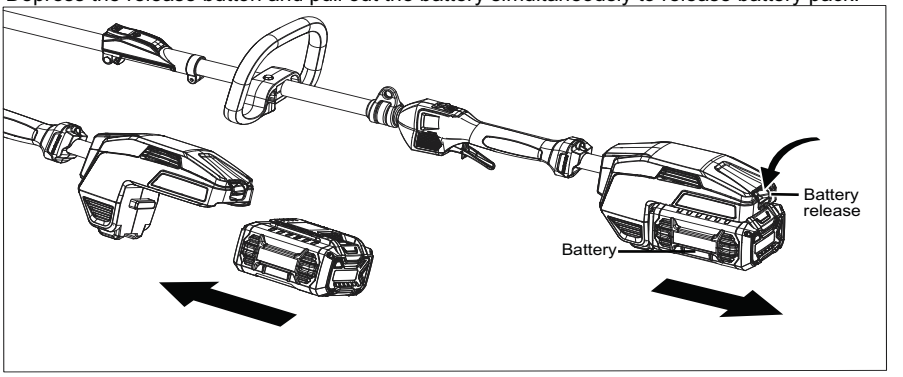
10. OPERATION

● Install and remove the battery pack

– Align the raised ribs of the battery pack with the mounting slots in the string trimmer's battery port.
– Slide the battery pack forward into the string trimmer until you hear the release button make an audible click.

● Remove the battery pack

– Depress the release button and pull out the battery simultaneously to release battery pack.

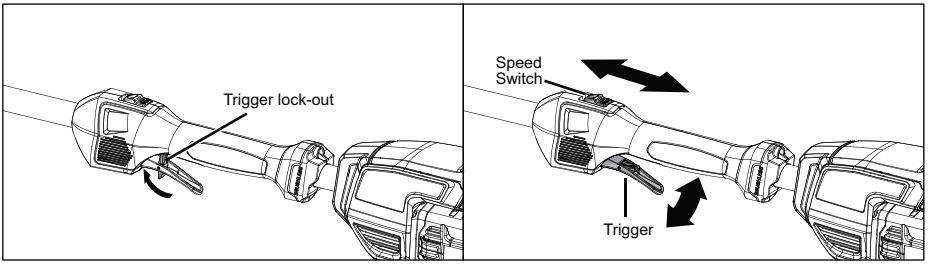


● Checking the machine before use

Before starting work please:
– Inspect before every use and after dropping or other impacts to identify significant damage or defects. Do not use the machine if it is damaged or shows wear.
– Double check that accessories and attachments are properly fixed.
– Wear correct personal safety equipment to protect yourself from hidden objects that may be thrown from the cutting trimmer head.
– Check that handgrips and protection devices are clean and dry, correctly mounted, and well fastened to the machine. Always hold the machine by its handles.
– Keep any ventilation openings clear of debris. Clean them with a soft brush if necessary.
– Ensure the area to be worked is clear of stones, sticks, wires, electrical lines, or other objects that could damage the tool.
– Stop the machine immediately if you are interrupted by other people entering the working area while working. Always let the machine come to complete stop before putting it down.
– Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the machine.
– Understand the purpose and use of all safety equipment.
– Cutting guard and front handle adjustments should be made with the motor stopped and the battery removed. Ensure the machine is in the unfolded position and make sure the locking knob is tightened securely.

● Switching ON and OFF

To activate the motor, push the trigger lock-out forward with your thumb, depress the variable-speed switch trigger at the same time.
– It will not be necessary to sustain the actuation of the lock-off device after the variable-speed switch trigger is activated.
– The variable-speed switch trigger and trigger lock-out will return to their original locked state when the variable-speed switch trigger is released.
– To switch on the machine again, push the trigger lock-out forward and depress variable-speed switch.



WARNING! The machine continues to work for some time even after the power switch trigger has been released! Wait until the cutting accessories come to a complete stop before you put the machine dow.

● Speed switch

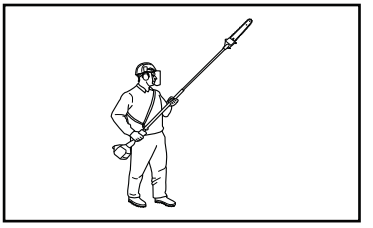
The machine has two speed options, high speed (8000 RPM) and low speed (6000 RPM).
– Slide the speed switch forward towards the front handle to actuate the high speed.
– Slide the speed switch backwards towards the rear handle to actuate the low speed.

● Adjusting the harness

WARNING! When using the machine it must always be hooked securely to the harness. Otherwise you will be unable to control the machine safely and this can result in injury to yourself or others. Never use a harness with a defective quick release.

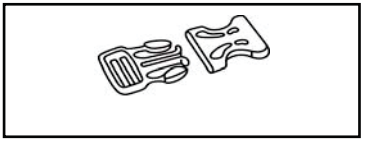
Single shoulder harness

Put on the harness.
Hook the machine onto the harness support hook.
Adjust the length of the harness so that the support hook is roughly level with your right hip.



Quick release

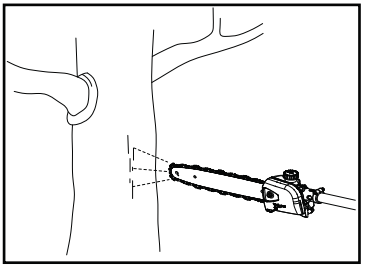
There is an easily accessible, quick release fitted near the suspension ring. Use the quick-release buckle to release the machine quickly from the operator in the event of emergency.



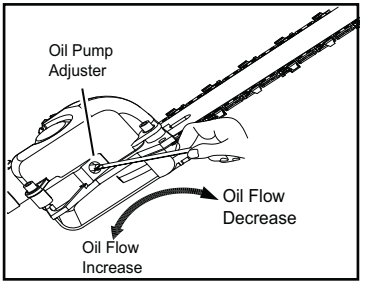
● Pruning with a pole saw

Checking chain lubrication

Aim the tip of the bar at a light colored surface about 8-inches (20 cm) away. After 1 minute running at 3/4 trigger, you should see a distinct line of oil on the light surface.



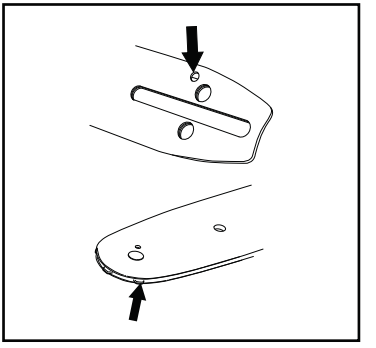
Adjusting chain lubrication
When cutting dry or hard species of wood it may be necessary to increase lubrication. Turn the Oil pump adjuster anticlockwise to increase the oil flow. Remember that this will increase oil consumption. Turn the adjuster screw clockwise to decrease the oil flow.



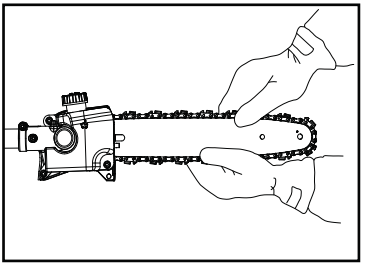
If lubrication does not work
– Check that the oil channel in the bar is not obstructed. Clean if necessary.

– Check that the oil channel in the gear housing is clean. Clean if necessary.

– Check that the bar tip sprocket turns freely. If the chain lubrication system is still not working after carrying out the above checks you should contact your service workshop.

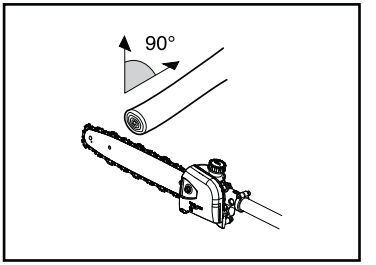


Checking saw chain tension
– Before using, check the Saw Chain tension.
– While wearing heavy-duty gloves, use your hand to carefully grab the Saw Chain in the middle of the Chain Guide Bar.
– Pull the Saw Chain away from the Guide Bar.
– The Saw Chain should snap back against the Guide Bar. The Chain should fit snugly in the groove of the Chain Guide Bar, yet you should still be able to slide the chain along the Chain Guide Bar by hand.
– There should be no sagging between the Guide Bar and Saw Chain on the underside of the Guide Bar.

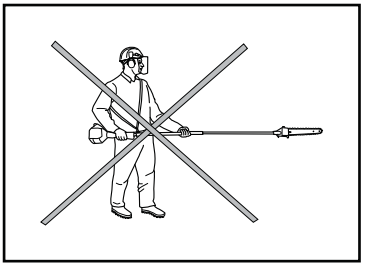


Basic working techniques

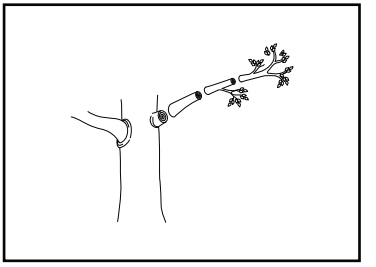
– Hold the machine as close to your body as possible to get the best balance.
– Make sure that the tip does not touch the ground.
– Do not rush the work, but work steadily until all the branches have been cut back cleanly.
– Always work at full trigger.
– Whenever possible position yourself so that you can make the cut at right angles to the branch.



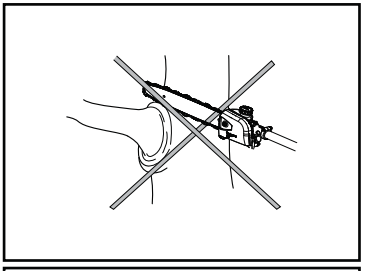
– Do not work with the shaft held straight out in front of you (like a fishing rod) as this increases the apparent weighth of the cutting attachment.



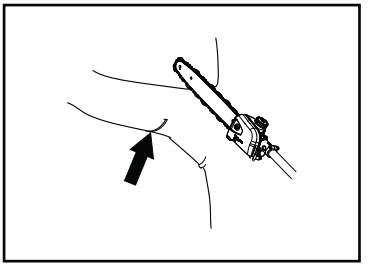
– Cut large branches in sections so that you have better control over where they fall.



– Never cut through the swelling at the root of the branch as this will slow down healing and increase the risk of fungal attack!



– Make an initial cut on the underside of the branch before before cutting through the branch. This will prevent tearing of the bark, which could lead to slow healing and cause permanent damage to the tree. The cut should not be deeper than 1/3 of the branch thickness to prevent jamming. Keep the chain running while you withdraw the cutting attachment from the branch to prevent it jamming.



11. MAINTENANCE AND REPAIR

– Correct maintenance is essential to maintain the original efficiency and safety of the machine over time.
– Keep all nuts, bolts, and screws tight to be sure that the machine is in safe working condition.
– Never use the machine with worn or damaged parts. Damaged parts must be replaced and never repaired.
– Only use original spare parts. Parts that are not of the same quality can seriously damage the equipment and compromise safety.
– If your machine has a malfunction, is damaged, or requires servicing: Contact PRORUN Customer Service.

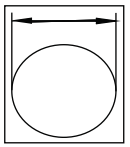
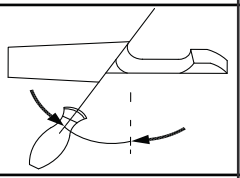
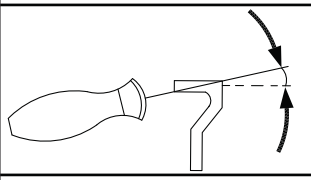
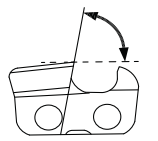
● Sharpening/Replacing the Saw Chain

1.For smooth and safe operation, always keep the Saw Chain cutters sharp.
2.Have the cutters sharpened by a qualified technician when you notice any of the following symptoms:

a. The sawdust becomes powder-like.
b. You can't make the cut without extra force.
c. The pole saw does not cut straight.
d. Vibration increases.

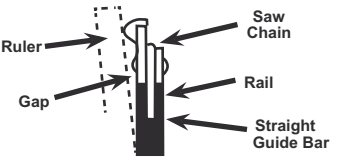
3.A Saw Chain that is damaged or too worn to be restored to a usable condition by sharpening will need to be replaced.

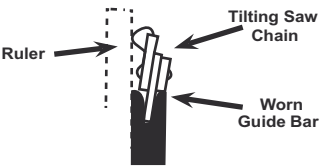
⚠ WARNING! TO PREVENT SERIOUS
INJURY: Replace the Saw Chain only with an identical Saw Chain.

File diameter	Top plate angle	Down angle	Side angle
			
5/32''	30°	0°	80°

● Chain Guide Bar Care

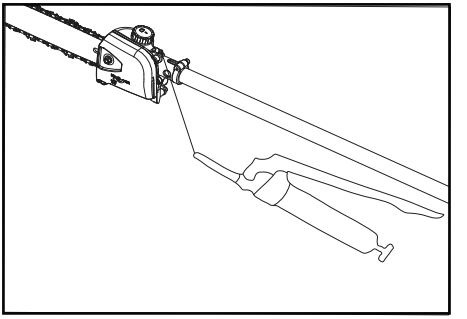
1.Remove the Chain Guide Bar periodically to clean and lubricate.
2.Deburr rails of Guide Bar as needed. Use a flat file to make side edges square.
3.Remove sawdust and sap from the Bar Groove using a Guide Bar cleaning tool (sold separately), then lubricate the nose sprocket at the ports with grease.
4.Reverse the Guide Bar when replacing the Saw Chain to prevent uneven wear.
5.The rails of the Guide Bar groove should always be parallel to each other. Place a ruler along the surface of the Guide Bar and Saw Chain. If there is a gap, the bar is normal.
If the ruler is flush with the Guide Bar and Saw Chain, or the Chain tilts to one side, then the Bar is worn and needs to be replaced.





● Angle gear

- The bevel gear, transmission and gear box is filled with the right quantity of grease at the factory.
- However, before using the machine you should check that the aforesaid components are filled half full with grease.
- The grease in the bevel gear does not normally need to be changed except if repairs are carried out.



● Servicing and Repairing the Battery.

The battery requires no servicing and cannot be repaired.

– If the battery has a malfunction or is damaged: Contact PRORUN Customer Service an replace the battery.

● Servicing and Repairing the Charger

The charger requires no servicing and cannot be repaired.

– If the charger has a malfunction or is damaged: Contact PRORUN Customer Service and replace the charger.

– If the connecting cable has a malfunction or is damaged: Do NOT use the charger and contact PRORUN Customer Service.

⚠ **WARNING! If the battery pack cracks or breaks, with or without leaks, do not recharge it and do not use.** Dispose of it and replace with a new battery pack.

● Inspections of the machine, battery, and charger

To reduce the risk of personal injury from unintended activation, remove the battery before conducting an inspection, or performing any maintenance on pole saw:

– Maintain and replace chain saw guide and chain per instructions in this user's manual.

– Contact PRORUN Customer Service with questions or issues with this machine.

DO NOT ATTEMPT TO REPAIR THE BATTERY!

To avoid injury and risk of fire, explosion, or electric shock, and to avoid damage to the environment:

– Cover the battery's terminals with heavy-duty adhesive tape.

– DO NOT attempt to remove or destroy any of the battery pack components.

– DO NOT attempt to open the battery pack.

– If a leak develops, the released electrolytes are corrosive and toxic. DO NOT get the solution in the eyes or on skin, and do not swallow it.

– DO NOT place these batteries in your regular household trash.

– DO NOT incinerate.

– DO NOT place them where they will become part of any waste landfill or municipal solid waste stream. Take them to a certified recycling or disposal center.

⚠ **WARNING! If the battery pack cracks or breaks, with or without leaks, do not recharge it and do not use.** Dispose of it and replace with a new battery pack.

● Limitations

The manufacturer disclaims any responsibility if the device has not been used for its intended purpose or if the user has not followed the safety instructions for use.

– Read the instructions carefully before each use of the pole saw.

– Keep your receipt, this is necessary for a guarantee.

12. TRANSPORTING, CLEANING, AND STORING

● Transporting the machine

When transporting the machine:
– Switch off the machine and remove the battery pack.
– When transporting the machine by hand, hold it by the front handle with the chain saw pointing backwards, opposite the direction in witch you are walking.
– When transporting the machine in a vehicle, secure and position the machine to prevent turnover, impact, and damage.

● Transporting the battery

Switch off the machine and remove the battery.
– Make sure the battery is in a safe condition.
Observe the following points when packing the battery:
– The packaging must be non-conductive.
– Make sure the battery cannot shift inside the packaging.
– Secure the packaging so that it cannot move.

● Cleaning the machine

To reduce the risk of personal injury from unintended activation, remove the battery before cleaning the machine:
– Clean the machine's cutting accessories with a slightly dampened cloth. Do not use detergents or solvents.
– Keep the machine’s charger housing and electrical contacts free from foreign matter.
– Do not use a pressure washer to clean the housing and chain saw guide and chain or spray them with water or other liquids.
– Keep the battery housing and guides free from foreign matter and clean as necessary with a soft brush or soft, dry cloth. Keep the machine’s charger housing and electrical contacts free from foreign matter.

● Cleaning the battery

– Clean the battery housing with a damp cloth.
– Clean the batteries electrical contacts with a soft brush.

● Cleaning the charger

Disconnect the plug from the wall outlet.
– Clean the charger with a damp cloth.
– Clean the charger’s electrical contacts with a soft brush.

● Storing the machine

When storing the machine:
– Switch off the machine and remove the battery pack.
– Clean and maintenance the machine.
– Store the machine indoors in a dry and secure location, out of the reach of children.
– Protect the machine against dampness and corrosive agents such as garden chemicals and de-icing salts.
– Keep the machine clean and dry.

● Storing the battery

We recommend that you store the battery with a charge between 40% and 60%.
Observe the following points when storing the battery:
– Battery is out of the reach of children.
– Battery is clean and dry.
– Battery is in an enclosed space.
– Battery is stored separately, away from the string trimmer and charger.
– Battery is in non-conductive packaging.
– Battery is in a temperature range between 40°F (5°C) and 115°F (+46°C).

- **Storing the charger**

– Disconnect the charger from the wall outlet. Remove the battery from the charger.
– Store the charger indoors in a dry and secure location.
– Keep it out of the reach of children.

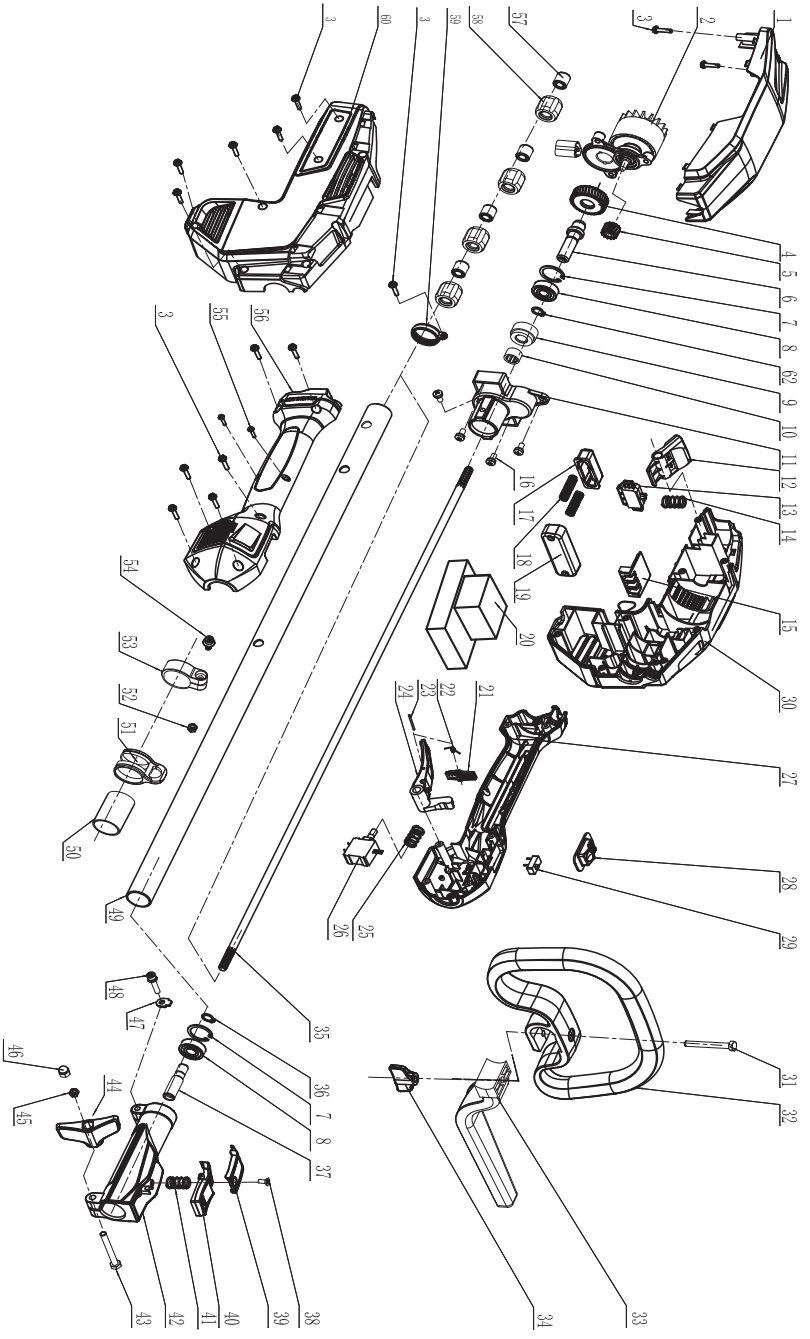
13. TROUBLESHOOTING

Problem	Possible cause	Solution
Motor fails to start when power switch are depressed.	Battery is not secure. Battery is not charged. Faulty with the machine.	To secure the battery pack, make sure the latches on the top of the battery pack snap into place. Charge the battery pack according to the instructions included with your model. Contact PRORUN Customer Service.
Motor runs, but trimmer head do not move.	Debris or other may be jamming the trimmer head.	Remove battery, clear debris blockage from trimmer head.
Machine stop unintentionally during operation.	Battery pack too hot. Electrical malfunction.	Allow the battery to cool down gradually at ambient temperatures. Contact PRORUN Customer Service.
Machine runtime is too short.	Battery not fully charged. Useful life of battery has been reached or exceeded.	Fully charge the battery. Contact PRORUN Customer Service for replacement.

14. DISPOSAL

All toxic materials must be disposed of in a specified manner to prevent contamination of the environment. Before disposing of damaged or worn out Lithium-Ion battery packs, contact your local waste disposal agency, or the local Environmental Protection Agency for information and specific instructions. Take the batteries to a local recycling and/or disposal center, certified for lithium-ion disposal.

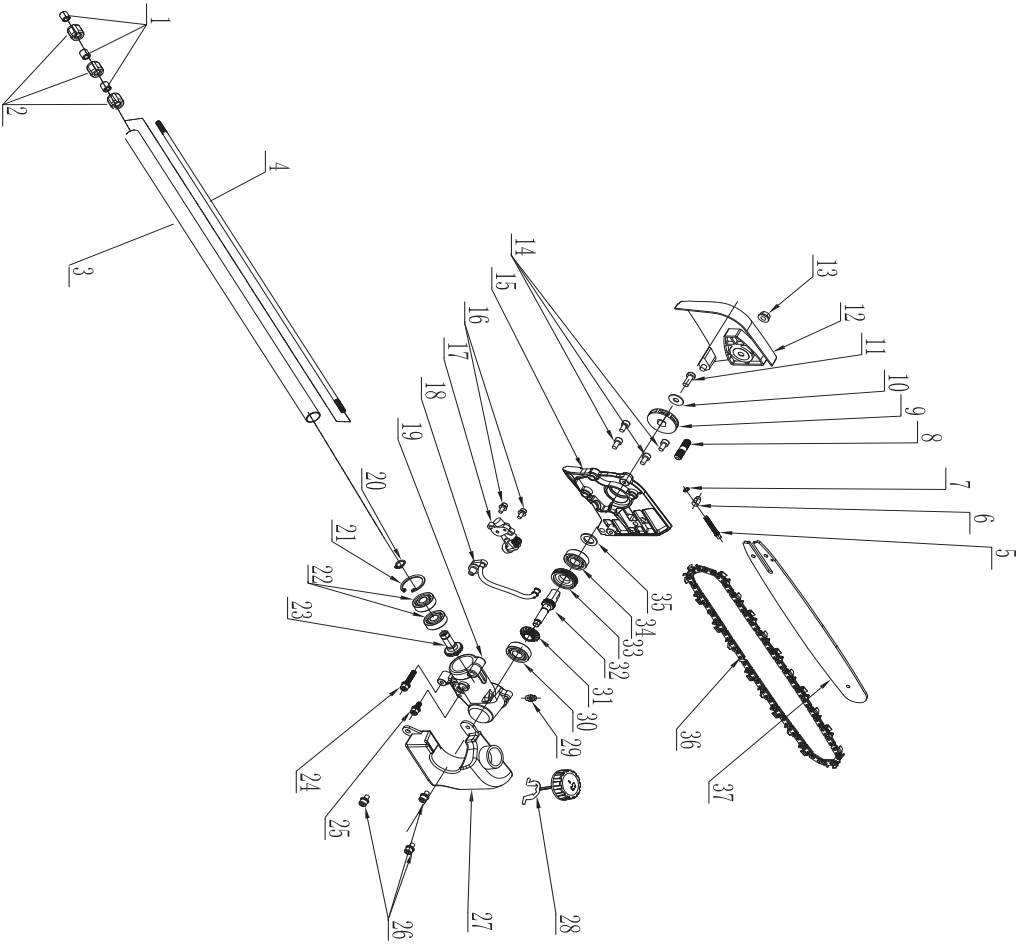
15. EXPLODED VIEW



15. EXPLODED VIEW

NO.	DESCRIPTION	QTY.	NO.	DESCRIPTION	QTY.
1	Upper cover decoration	1	31	Square neck bolt	1
2	Motor	1	32	Front handle	1
3	Screw ST4*16	17	33	Barrier bar	1
4	Big gear wheel	1	34	Locking knob	1
5	Small gear wheel	1	35	Driver shaft	1
6	Driver shaft	1	36	Circlip	1
7	external circlips	1	37	Connecting shaft	1
8	Ball bearing	1	38	screw M4*10	1
9	Bearing sleeve	1	39	Clamping cap	1
10	Bearing	1	40	Clamping button	1
11	Dental box cover	1	41	releasing spring	1
12	Release button	1	42	Aluminum clamp pipe	1
13	Buckle	1	43	Bolt M6*50	1
14	Buckle spring	2	44	Locking knob	1
15	Insert seat	1	45	hex nut M6	1
16	Screw M5x10	4	46	hex nut M6	1
17	Eject button	4	47	Anti-spinning plate	1
18	Spring	2	48	screw M5*25	1
19	Limit plate	1	49	Front aluminum tube	1
20	Controller	1	50	Lifing sleeve	1
21	Self locking button	1	51	Lifing ring conbination	1
22	Self locking torsion spring	1	52	Dead ring	1
23	Cylindrical pin	1	53	screw M5 *22	1
24	Trigger	1	54	Nut M5	1
25	Pull rope spring	1	55	Screw ST2.9x9.5	2
26	Main switch	1	56	Right handle	1
27	Left handle	1	57	Bearing	4
28	Speed button	1	58	Bearing rubber sleeve	1
29	Speed switch	1	59	hoop	1
30	Left rear housing	1	60	Right rear housing	1

15. EXPLODED VIEW



14. EXPLODED VIEW

NO.	DESCRIPTION	QTY.	NO.	DESCRIPTION	QTY.
1	Bearing	3	29	Oil filler	1
2	Rubber sleeve	3	30	Bearing 627	1
3	Driver shaft	1	31	Transmission gear	1
4	Front aluminum tube	1	32	Output shaft	1
5	Tension screw	1	33	Turbine	1
6	E ring 5	1	34	Bearing 6001	1
7	Tension block	1	35	Bearing spacer	1
8	Double end studs M6×30	1	36	Saw chain	1
9	Sprocket 3/8"	1	37	Guide bar	1
10	Plate washer 6	1			
11	Screw M6×14	1			
12	Sprocket cover	1			
13	Nut M6	1			
14	Screw M5×12	4			
15	Gear box cover	1			
16	Screw M4×10	2			
17	Oil pump	1			
18	Oil tube	1			
19	Gear box	1			
20	Circlips for shaft 10	1			
21	Circlips for hole 26	1			
22	Bearing 6000-2z	2			
23	Transmission gear	1			
24	screw M5x25	1			
25	screw M5x12	1			
26	Screw M5×12	3			
27	Oil tank	1			
28	Oil cap	1			

PRORUN regularly improves our products, and you may find slight differences between your machine and the descriptions contained within this operator's manual. Modifications can be made to the machine without notice and without the obligation to update the manual, providing that the essential safety and functional characteristics remain unaltered. Contact PRORUN Customer Service with any questions and for current specifications.

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