

PRORUN®

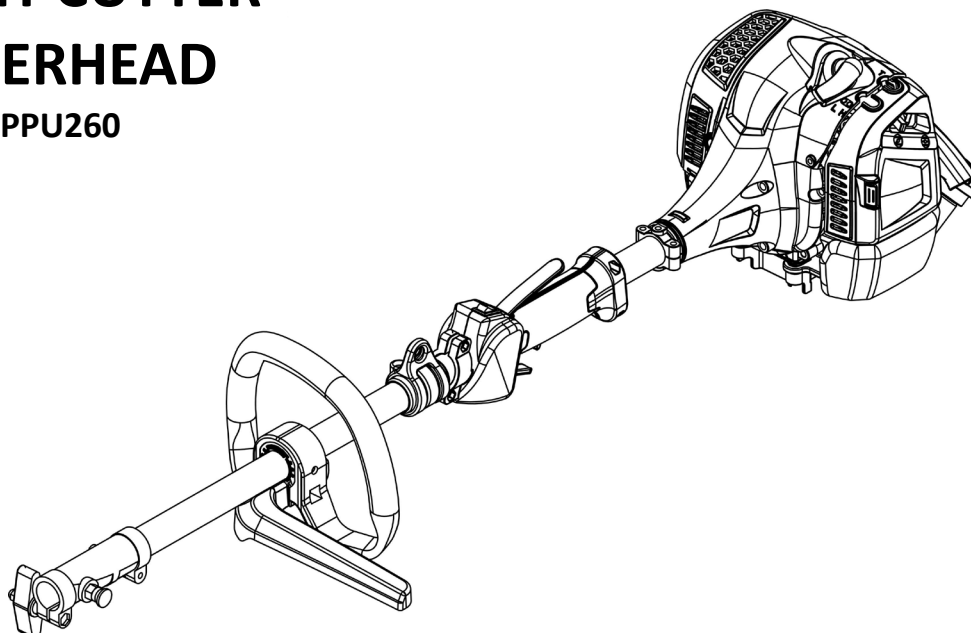
GAS///

MULTI-CUTTER

POWERHEAD

MODEL: PPU260

OPERATOR'S MANUAL



Before using, 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 User manual before using this product. Keep these instructions for future reference.

Please let us know what you think. To leave a comment and see our complete product line,

Visit:

PRORUNTOOLS.COM

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

Version: A – Issue Date: 6/10/2025



SPECIFICATION

Technical data	Unit	PPU260
Capacity	cm ³	25.4
Bore x Stroke	mm	34X28
Max. engine output	kW	0.75@7000rpm
Weight (empty tank)		13.89 Lbs. (6.3 kg)
Maximum engine rotation speed	min-1	11000
Idling speed	min-1	3100±400
Spark plug		L8RTF/L7RTC/RCJ7Y
Type of ignition system		TCI (touch pointless)
Front wrong size		Diaphragm type
Mixture (petrol: 2-stroke oil)		50:1
Fuel tank capacity		20.3 fl. oz. (600 cm ³)
Operator ear noise pressure level LpA	dB(A)	94
Measurement uncertainty	dB(A)	3
Measured acoustic power level	dB(A)	110.6
Measurement uncertainty	dB(A)	3
Acoustic power level guaranteed	dB(A)	113
Vibration level		
- Front handle	m/s ²	6.0
- Rear handle	m/s ²	5.5
Measurement uncertainty	m/s ²	1.5

TABLE OF CONTENTS

HOW TO READ THE MANUAL

WARNING Certain paragraphs in the manual contain particularly significant information and are marked with various levels of highlighting with the following meaning:

NOTE or **INFORMATION**

These give details or further information on what has already been said, and aim to prevent damage to the machine or cause other damage.

Non-observance will result in the risk of serious injury or death to oneself or others.

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GETTING TO KNOW THE MACHINE

1. INFORMATION OF SYMBOLS



WARNING! An engine can be dangerous if used incorrectly or carelessly and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this owner's manual.



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.



Always wear:

- A protective helmet where there is a risk of falling objects.
- Approved hearing protection and eye protection

Always wear approved protective gloves.



Wear sturdy, non-slip boots.



The exhaust system, muffler shield and cylinder of this engine are hot when the engine is running or within a few minutes after stopping the engine. Taking care and avoid coming into contact with a hot surface.



Guarantee A-weighted emission noise power level



Fuel mixture tank, This machine shall always use a mixture of petrol and two-stroke oil.



Close the choke.



Open the choke.



The screw beside the 'T' stamp is The Idle-speed adjustment screw.



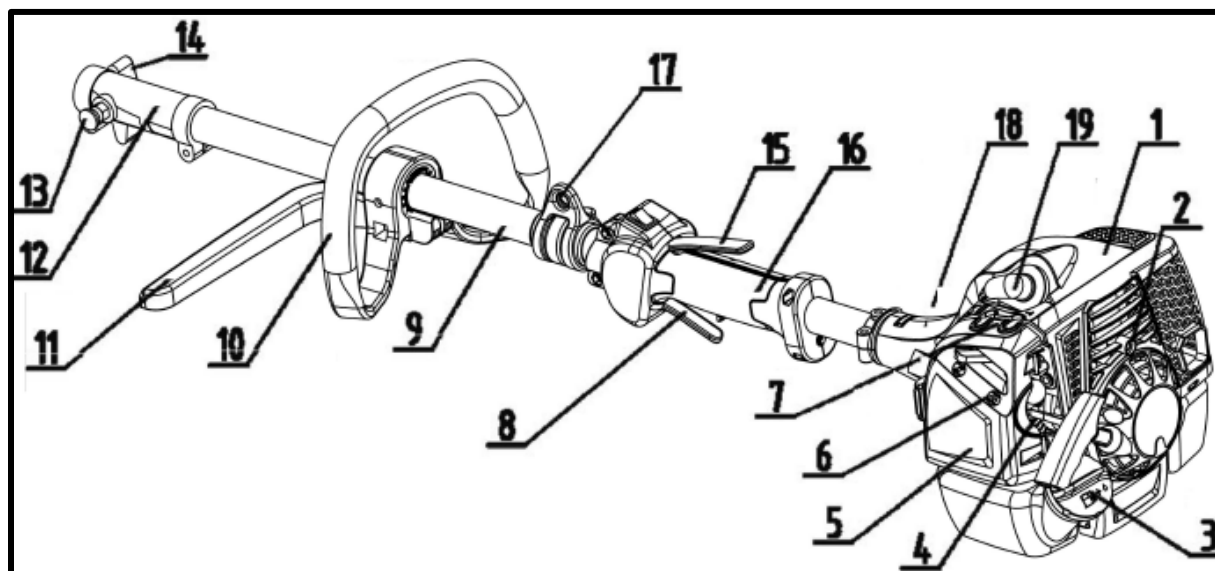
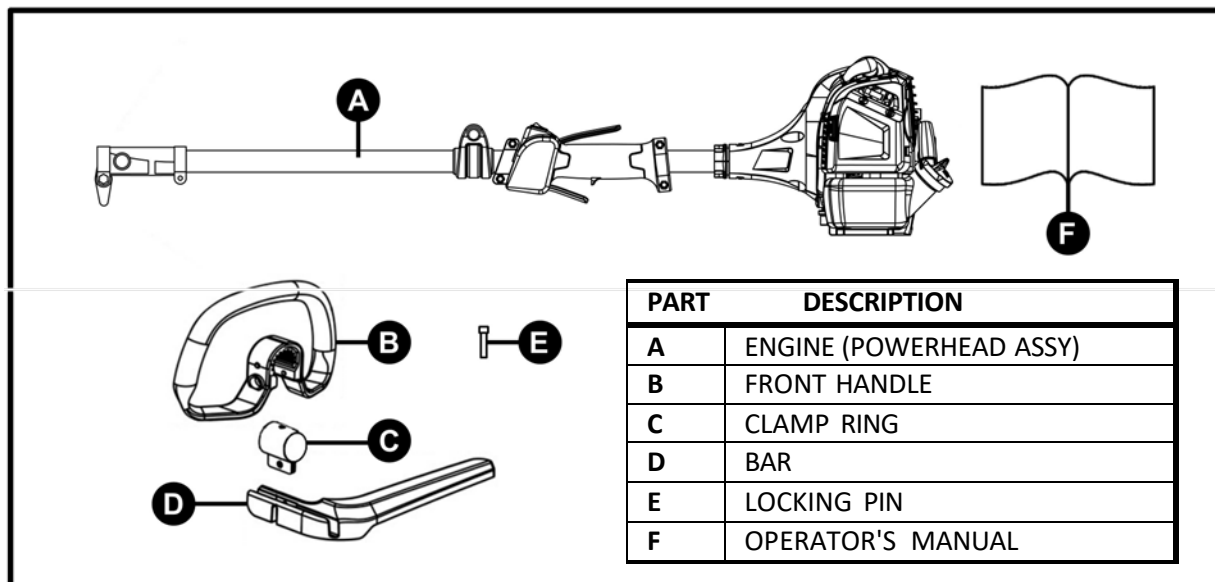
The screw beside the "H" stamp is The High-speed adjustment screw.



The screw beside the "L" stamp is The Low-speed adjustment screw.

2. IDENTIFICATION

Components and Controls



1. Engine (1E34F-4)
2. Starter handle
3. Fuel tank cap
4. Primer bulb
5. Air filter cover
6. Choke knob
7. Idle speed screw
8. Throttle trigger
9. Rear tube
10. Front handle
11. Barrier

12. Connector
13. Locking pin
14. Locking knob
15. Throttle trigger lockout
16. Rear handle
17. Suspension ring
18. Output flange
19. Spark plug cap

SAFETY REGULATIONS

1. IMPORTANT

Please read the operator's manual carefully. Become familiar with the owner's manual before attempting to operate the equipment.

Long-term exposure to noise can result in permanent hearing impairment. Always use approved hearing protection.

Under no circumstances may the design of the machine be modified without the permission of the manufacturer.

Always use genuine accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others.

This machine can cause serious injuries if used incorrectly or carelessly and can cause serious or fatal injuries to the operator or others. It is extremely important that you read and understand the contents of this operator's manual.

Become familiar with all controls and proper use of the machine, including the correct handling, preparation, maintenance, starting and stopping of the machine.

Beware of overhead power lines.

Avoid operating while people, animals, and especially children, are nearby. The machine operator must ensure that no people or animals come closer than 50 feet (15.25 meters) while working.

Keep firm footing and balance during operation. Use the harness provided.

Always ensure that all handles are fitted when using the machine. Never attempt to use an incomplete machine or one fitted with an unauthorized modification.

Always use two hands to operate this machine.

While operating this machine, always ensure that the operating position is safe and secure.

Always be aware of your surroundings and stay alert for possible hazards which you may not be aware of due to the noise of the machine.

Stop the engine before

- Cleaning or clearing a blockage.
- Checking, carrying out maintenance, or working on the machine.
- Adjusting the working position of the cutting device.
- Leaving the machine unattended.

Always ensure a correct working posture. Safe operation requires sufficient rest periods and changing working positions.

Never use the machine if you are tired, if you are ill, if you have consumed alcohol, or if you are taking medication that could affect your vision, your judgement or your coordination.

Wear personal protective equipment. See instructions under the heading "Personal protective equipment".

Never use a machine that has been modified in any way from its original specification. Never use a machine that is faulty. Carry out the checks, maintenance, and service instructions described in this manual. Some maintenance and service measures must be carried out by trained and qualified specialists. Contact PRORUN Customer Service. See instructions under the heading "Routine maintenance".

Disconnect the spark plug cap from the spark plug and take the following steps: Inspect for damage.

Check for, and tighten, any loose parts.

Have any damaged parts replaced or repaired with parts.

All covers, guards, and handles must be fitted before starting. Ensure that the spark plug cap and ignition lead are undamaged to avoid the risk of electric shock.

Never allow children or people unfamiliar with these instructions to use the machine. Local laws can restrict the minimum age of the operator.

Secure the machine during transport to prevent loss of fuel, damage, or injury.

Clean and maintenance machine before storage: including guards, attachments, and metal blades.

Alert! National regulations (Occupational Safety and Health and/or environment) may be present that can restrict the use of the machine.

Daily inspect the machine before use and after dropping or other impacts to identify any significant defects.

During the working day, you should take frequent and adequate breaks to prevent damage from vibration and damage to the ears.

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 people with medical implants to consult their physician(s) and the medical implant manufacturer before operating this machine.

The exhaust gases emitted from engines contain dangerous carbon monoxide.

Running an engine in a confined or badly ventilated area can result in death due to asphyxiation or carbon monoxide poisoning.

Prolonged exposure to vibrations can cause injuries and neurovascular disorders (also called "Raynaud's syndrome" or "white hand"), especially to people suffering from circulation disorders. The symptoms can affect the hands

, wrists and fingers may be exhibited through loss of sensitivity, torpor, itching, pain and discoloring of or structural changes to the skin. These effects can be worsened by low ambient temperatures and/or by gripping the handgrips excessively tightly. If the symptoms occur, the length of time the machine is used must be reduced and a doctor consulted.

2. PERSONAL PROTECTIVE EQUIPMENT

IMPORTANT! You must use approved personal protective equipment whenever you use the machine. Personal protective equipment cannot eliminate the risk of injury but it will reduce the degree of injury if an accident does happen. Ask your dealer for help in choosing the right equipment.

Listen out for warning signals or shouts when you are wearing hearing protection. Always remove your hearing protection as soon as the engine stops.

- **HELMET**

A protective helmet where there is a risk of falling objects.

- **HEARING AND EYE PROTECTION**

Wear hearing protection that provides adequate noise reduction. Always wear approved eye protection.

- **GLOVES**

Gloves should be worn when necessary, e.g., when fitting cutting attachments.

- **BOOTS**

Wear boots with steel toe-caps and non-slip sole.

- **CLOTHING**

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 jewelry, shorts, sandals, or go barefoot. Secure hair so it is above shoulder level.

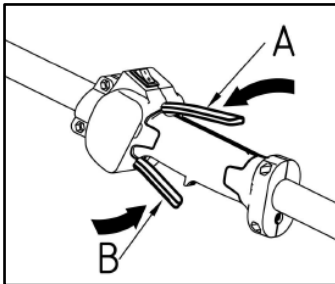
- **FIRST AID KIT**

Always have a first aid kit nearby.

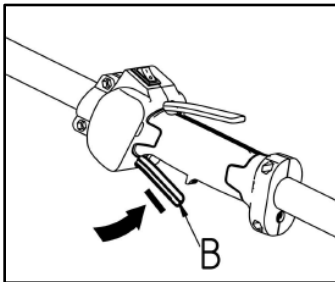
3. MACHINES SAFETY EQUIPMENT

WARNING! Never use a machine with faulty safety equipment. The machine's safety equipment must be checked and maintained as described in this section. If your machine fails any of these checks, contact PRORUN Customer Service.

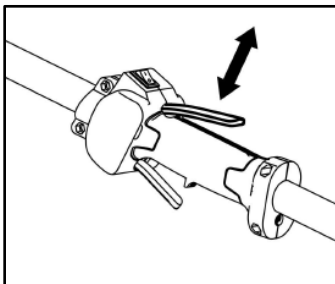
3.1 Throttle Lockout



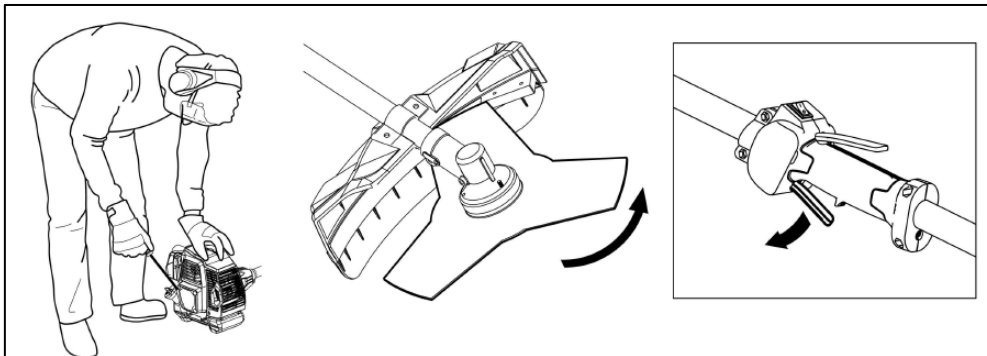
The throttle lockout is designed to prevent accidental operations of the throttle control. When you press the lock-out (A) (i.e. when you grasp the handle) it releases the throttle trigger (B). When you release the handle the throttle control and the throttle lockout both move back to their original positions. This movement is controlled by two independent return springs. This arrangement means that the throttle control is automatically locked at the idle setting.



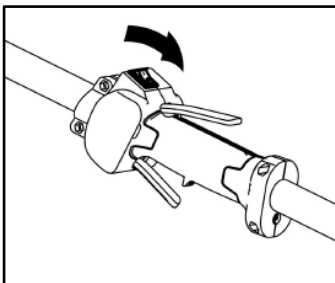
Make sure the throttle control is locked at the idle setting when the throttle lockout is released. Press the throttle lockout and make sure it returns to its original position when you release it. Check that the throttle control and throttle lockout move freely and that the return springs work properly.



See instructions under the heading Start. Start the machine and apply full throttle. Release the throttle and check that the cutting attachment stops and remains at a standstill. If the cutting attachment rotates with the throttle in the idle position, then the carburetor idle setting must be checked. (See instructions under the heading Routine maintenance)



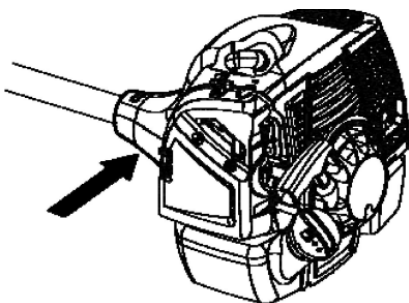
3.2 Engine Switch



Press down the "O" side of the engine switch to stop the engine.
Start the engine and make sure the engine stops when you move the engine switch to the stop setting.

3.3 Vibration damping system

Your machine is equipped with a vibration damping system that is designed to minimize vibration and make operation easier.



Using incorrectly wound cord or a blunt or incorrect cutting attachment (wrong type or incorrectly filed, see instructions under the heading Filing the blade) increases the level of vibration.
The machine's vibration damping system reduces the transfer of vibration between the engine unit/cutting equipment and the machine's handle unit.
Regularly check the vibration damping units for cracks or deformation.

Check that the vibration damping element is undamaged and securely attached.

3.4 Quick release

There is an easily accessible, quick release fitted near the suspension ring as a safety precaution in case the engine catches fire, or in any other situation that requires you to free yourself from the machine.

3.5 Muffler



The muffler is designed to keep noise levels to a minimum and to direct exhaust fumes away from the user.

Never use a machine that has a faulty muffler.

Regularly check that the muffler is securely attached to the machine.

WARNING! The inside of the muffler contain chemicals that may be carcinogenic. Avoid contact with these elements in the event of a damaged muffler.

Bear in mind that: The exhaust fumes from the engine are hot and may contain sparks which can start a fire. Never start the machine indoors or near combustible material!

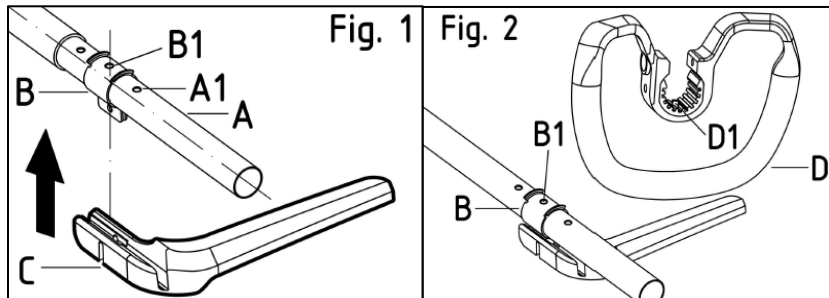
OPERATING INSTRUCTIONS

1) PREPARE THE MACHINE

1.1 Assembling the front handle

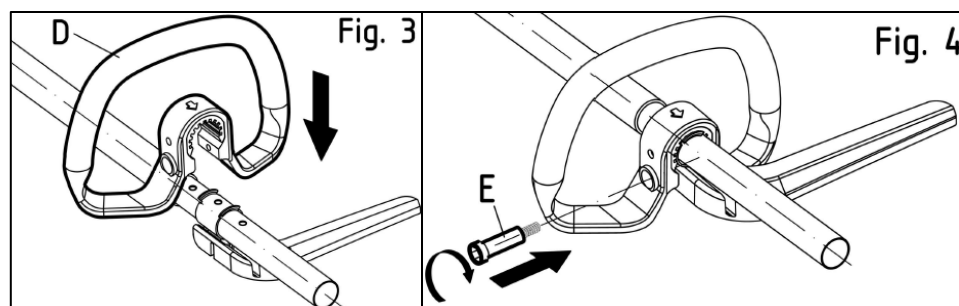
Align the position hole (B1) on the clamp ring (B) with one position hole (A1) of three on the tube/ rear tube (A), and then fit the barrier (C) on the clamp ring, and while aligning hole on clamp ring and the groove on spacer block. (Fig. 1)

Align the position pin (D1) on the front handle (D) with the position hole (B1) on the clamp ring (B). (Fig. 2)



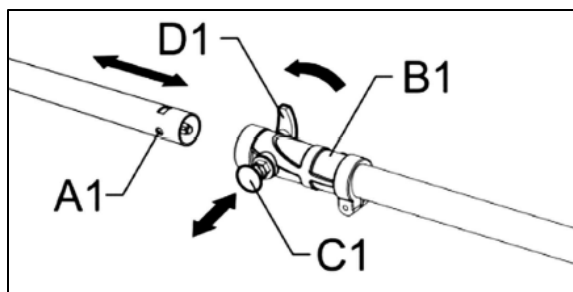
Push down the front handle (D) until the hole on the front handle aligns to the groove on the spacer block. (Fig. 3)

Insert the locking screw into the front handle and then turn it clockwise to tighten the front handle. (Fig. 4)



1.2 Connecting the tube

Connecting the attachment to the gas multi-tool powerhead



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

Shoulder harness

WARNING! When using a brush cutter, pole saw, pole hedge trimmer, or edger attachments, ensure that they are 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.

At the front is an easily accessible quick release. Use this if the engine catches fire or in any other emergency situation that requires you to free yourself from the machine and harness. A well-adjusted harness and machine make work much easier. Adjust the harness for the best working position. Tension the side straps so that the weight is evenly distributed across both shoulders.

2) FUEL HANDLING

2.1 Fuel safety

Never start the machine:

- If you have spilt fuel on it. Wipe off the spillage and allow the remaining fuel to evaporate.
- If you have spilt fuel on yourself or your clothes, change your clothes. Wash any part of your body that has come in contact with fuel. Use soap and water.
- If the machine is leaking fuel. Check regularly for leaks from the fuel cap and fuel lines.

2.2 Transport and storage

- Store and transport the machine and fuel so that there is no risk of any leakage or fumes coming into contact with sparks or naked flames, for example, from electrical machinery, electric motors, or electrical relays/ switches or boilers.
- When storing and transporting fuel always use approved containers intended for this purpose.
- When storing the machine for long periods the fuel tank must be emptied. Contact your local petrol station to find out where to dispose of excess fuel.
- Ensure the machine is cleaned and that a complete service is carried out before long-term storage.
- Secure the machine during transport.
 - The spark plug cap must always be removed in order to prevent unintentional starting of the engine during long-term storage, if the machine is not under close supervision, and when performing all service measures.

WARNING! Take care when handling fuel. Bear in mind the risk of fire, explosion, and inhaling fumes.

2.3 Fuel

The machine is equipped with a two-stroke engine and must always be run using a mixture of petrol and two-stroke oil. It is important to accurately measure the amount of oil to be mixed to ensure that the correct mixture is obtained. When mixing small amounts of fuel, even small inaccuracies can drastically affect the ratio of the mixture.

WARNING! Fuel and fuel fumes are highly inflammable and can cause serious injury when inhaled or allowed to come in contact with the skin. For this reason, observe caution when handling fuel and make sure there is adequate ventilation.

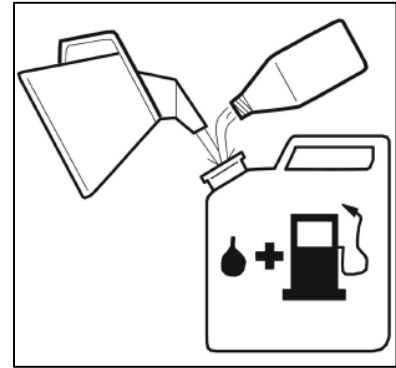
2.4 Petrol

Always use a quality petrol/oil mixture of at least 87 (AKI) octanes. If your machine is equipped with a catalytic converter (see chapter on technical data) always use a good quality unleaded petrol/oil mixture. Leaded petrol will destroy the catalytic converter.

Use low-emission petrol, also known as alkylate petrol, if it is available.

The lowest octane recommended is 87 (AKI). If you run the engine on a lower octane grade than 87, so called knocking can occur. This gives rise to a high engine temperature, which can result in serious engine damage.

When working at continuous high revs a higher-octane rating is recommended.



2.5 Two-stroke oil

For best results and performance use two-stroke engine oil, which is specially formulated for our air-cooled two-stroke engines.

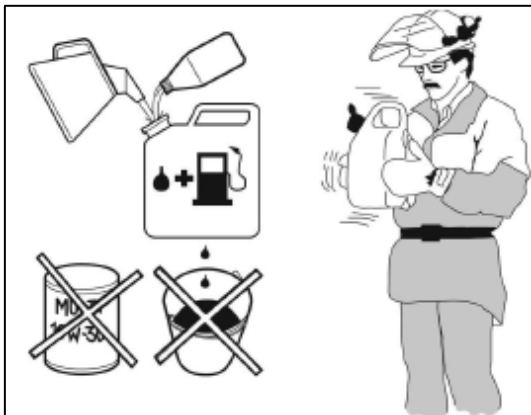
Never use two-stroke oil intended for water-cooled engines, sometimes referred to as outboard oil (rated TCW).

Never use oil intended for four-stroke engines.

A poor oil quality and/or too high oil/fuel ratio may jeopardize function and decrease the lifetime of catalytic converters.

To obtain the proper gasoline and 2-cycle oil mixture, mix 2.6 fluid ounces of 2-cycle oil with 1 gallon of unleaded gasoline into an approved container. Then gently agitate the container to thoroughly mix the gasoline/2-cycle oil.

2.6 Mixing



- Always mix the petrol and oil in a clean container intended for fuel.
- Always start by filling half the amount of the petrol to be used. Then add the entire amount of oil. Mix (shake) the fuel mixture. Add the remaining amount of petrol.
- Mix (shake) the fuel mixture thoroughly before filling the machine's fuel tank.
- Do not mix more than one month's supply of fuel at a time.
- If the machine is not used for some time the fuel tank should be emptied and cleaned.

2.7 Fueling

Taking the following precautions, will lessen the risk of fire: **Do not smoke or place hot objects near fuel.**

Always shut off the engine before refueling.

Always stop the engine and let it cool for a few minutes before refueling. When refueling, open the fuel cap slowly so that any excess pressure is released gently.

Tighten the fuel cap carefully after refueling.

Always move the machine away from the refueling area before starting.

- Always use a fuel container with an anti-spill valve.
- Clean the area around the fuel cap. Contamination in the tank can cause operating problems.
- Ensure that the fuel is well mixed by shaking the container before filling the tank.

3) USING THE MACHINE

3.1 Starting and stopping

The complete clutch cover and shaft must be fitted before the machine is started, otherwise the clutch can come loose and cause personal injury. Always move the machine away from the refueling area before starting. Place the machine on a flat surface. Ensure the cutting attachment cannot come into contact with any object.

Make sure no unauthorized people are in the working area, otherwise there is a risk of serious personal injury. The safety distance is 50 feet (15.25 meters).

3.1.1 Cold starting:

A "cold" start of the engine means starting it after at least 15 minutes from when it was switched off or after refueling.

a). Starting: Ignition: Press down the "I" side of the engine switch.

b). Primer bulb: Press the primer bulb repeatedly until fuel begins to fill the bulb. The bulb need not be completely filled.

c). Choke: Move Choke Knob to the  position.

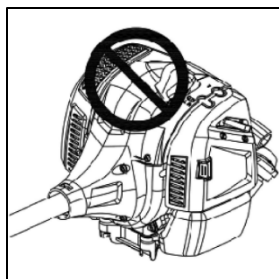
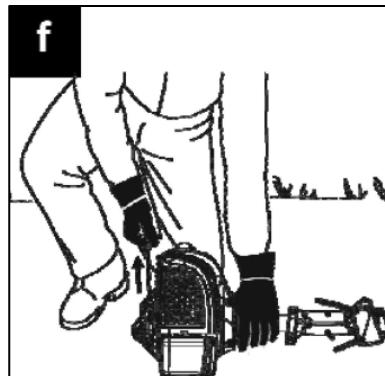
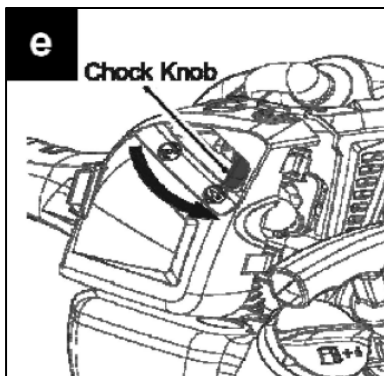
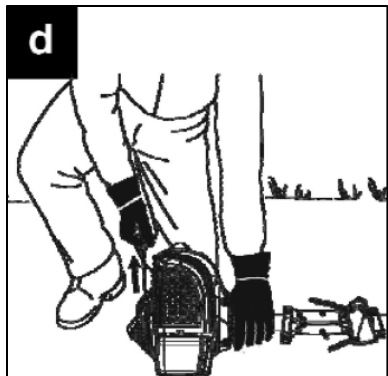
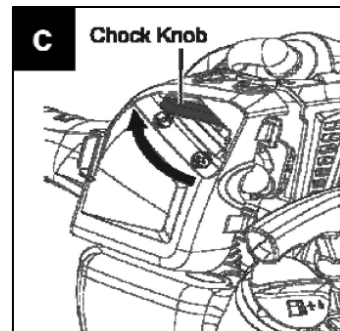
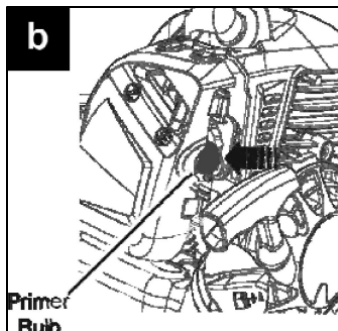
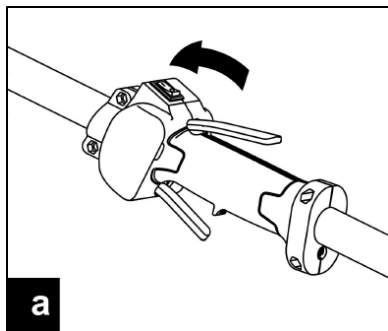
Note The symbols below are indicated on the air filter cover near the Choke Knob.

d) Starter handle: Hold the machine on the ground using your left hand (CAUTION! Not with your foot!). Grip the starter handle, slowly pull out the cord with your right hand until you feel some resistance (the starter pawls grip), now quickly and powerfully pull the cord. Never twist the starter cord around your hand. Repeat pulling

e) Choke: Move choke knob to the  position.

Note: Setting the choke manually can temporarily set the throttle in a partially open position to aid starting. The choke knob will automatically return to RUN position by pressing the throttle trigger again.

f) Starter handle: Repeat pulling the cord until the engine starts. When the engine starts, allow the engine to warm up with the throttle pulled slightly. Do not pull the starter cord all the way out and do not let go of the starter handle when the cord is fully extended. This can damage the machine.

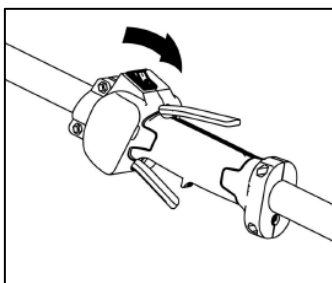


Do not put any part of your body in marked area. Contact can result in burns to the skin, or electrical shock if the spark plug cap has been damaged. Always use gloves. Do not use a machine with damaged spark plug cap.

IMPORTANT! If the starter rope is pulled repeatedly with the choke on, it may flood the engine and make starting difficult. If you happen to flood the engine, repeat the hot start procedure a few times to eliminate any excess fuel.

3.1.2 Hot starting

To hot start the engine immediately after it has stopped, follow steps a - b - e - f of the above procedure.



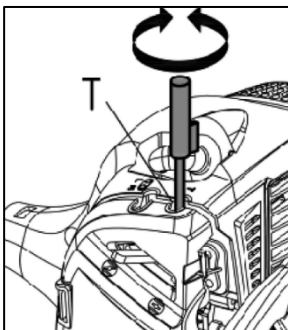
3.1.3 Stopping

Stop the engine by pressing the engine switch to "O".

4) ROUTINE MAINTENANCE

4.1 Carburetor

Adjusting the idle speed (T)



Check that the air filter is clean. When the idle speed is correct, the cutting attachment should not rotate. If adjustment is required, close (turn clockwise) the idle adjustment screw T, with the engine running, until the cutting attachment starts to rotate. Open (turn anticlockwise) the screw until the cutting attachment stops. The idle speed is correctly set when the engine runs smoothly in all positions, and there is a clear margin to the speed at which the cutting attachment starts to rotate.

WARNING! If the idle speed cannot be adjusted so that the cutting attachment stops, contact PRORUN Customer Service. Do not use the machine until it has been correctly adjusted or repaired.

If you need to adjust the "L" and/or "H" mixture screw contact with PRORUN Customer Service for assistance.

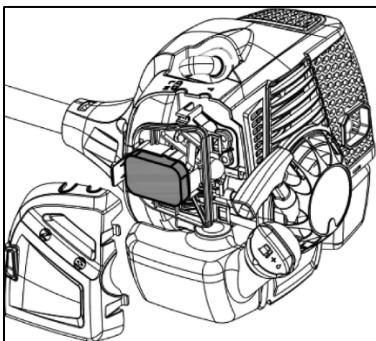
4.2 Air Filter

The air filter must be regularly cleaned to remove dust and dirt in order to avoid:

- Carburetor malfunctions
- Starting problems
- Loss of engine power
- Unnecessary wear to engine parts
- Excessive fuel consumption

Clean the filter every 25 hours of use, or more regularly if conditions are exceptionally dusty.

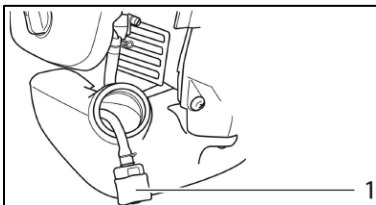
Cleaning the air filter



Remove the air filter cover and take out the filter. Wash it clean in warm, soapy water. Ensure that the filter is dry before refitting it.

An air filter that has been in use for a long time cannot be cleaned completely. The filter must therefore be replaced with a new one at regular intervals. A damaged air filter must always be replaced. Contact PRORUN Customer Service for replacement parts.

4.3 Fuel Filter



When the engine runs short of fuel supply, check the fuel cap and the fuel filter for blockage.

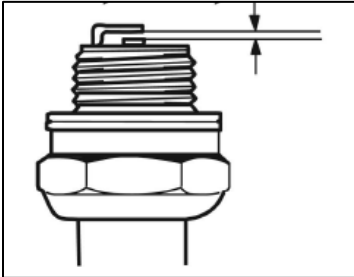
1 Fuel Filter

4.4 Spark plug

The spark plug condition is influenced by:

- Incorrect carburetor adjustment.
- An incorrect fuel mixture (too much or incorrect type of oil).
- A dirty air filter.

0,6 - 0,7 mm These factors cause deposits on the spark plug electrodes, which may result in



operating problems and starting difficulties.

If the machine is low on power, difficult to start, or runs poorly at idle speed: always check the spark plug first before taking any further action. If the spark plug is dirty, clean it and check that the electrode gap is 0.20 - 0.30 inch (0.6 - 0.7 mm).

The spark plug should be replaced after about a month in operation or earlier if necessary. Recommended Spark plug type: RCJ7Y or L8RTF

Always use the recommended spark plug type! Use of the wrong spark plug can damage the piston/ cylinder. Check that the spark plug is fitted with a suppressor.

5) MAINTENANCE TIMESCALE

The following intervals apply to normal operating conditions only. If your daily working time is longer or operating conditions are difficult (very dusty work area, etc.), shorten the specified intervals accordingly.		Before starting working	After finishing work daily	After each refueling stop	Weekly	Monthly	Every 12 months	If problem	If damaged	If required
Complete machine	Visual inspection (condition, wear, leaks)	*		*						
	Clean		*							
Control handle	Check operation	*		*						
Air Filter	Clean				*			*		*
	Replace								*	*
Filter in fuel tank	Check						*			
	Replace filter							*	*	*
Carburetor	Check idle setting	*		*						
	Readjust idle									*
Spark plug	Readjust electrode gap						*	*		
	Replace after 100 hours of operation									*
Cooling inlets	Clean		*							
All accessible screws	Check					*		*		
	Retighten									*
Anti-vibration elements	Check	*						*		*
	Replace ¹⁾								*	
Safety labels	Replace								*	
Muffler	Clean ¹⁾						*	*		

1) Contact PRORUN Customer Service with service questions or to purchase replacement parts.

6) DIAGNOSTICS

What to do when....			
Source of problem	Corrective action	Source of problem	Corrective action
1. The engine will not start or will not keep running		3. The engine runs irregularly and lacks power when revved	
Not enough fuel in fuel tank.	Refuel the tank with mixed fuel.	Dirty spark plug or incorrect distance between the electrodes	Check the spark plug (see chapter 4)
Incorrect starting procedure.	Follow the instructions (see chapter 3).		
Fuel filter blockage.	Replace the fuel filter (see chapter 4).	Carburation problems	Contact PRORUN Customer Service
Dirty spark plug or incorrect distance between the electrodes	Check the spark plug (see chapter 4).	4. The engine makes too much smoke	
Air filter clogged.	Clean or replace the air filter (see chapter 4).	Incorrect composition of the fuel mixture	Prepare the fuel mixture according to the instructions (see chapter 2)
Spark plug electrode wet or dirty.	Clean the spark plug (see chapter 4).		
Carburation problems.	Contact your dealer.		
2. The engine starts but is lacking in power		Carburation problems	Contact PRORUN Customer Service
		5. The machine starts to vibrate abnormally	
Air filter clogged	Clean or replace the filter (see chapter 5).	Damaged or loose parts	Stop the machine and disconnect the spark plug cable. Inspect for damage. Check for and tighten any loose parts. Contact PRORUN Customer Service with service questions or to purchase replacement parts.
Fuel filter blockage.	Replace the fuel filter (see chapter 4).		
Carburation problem	Contact PRORUN Customer Service.		

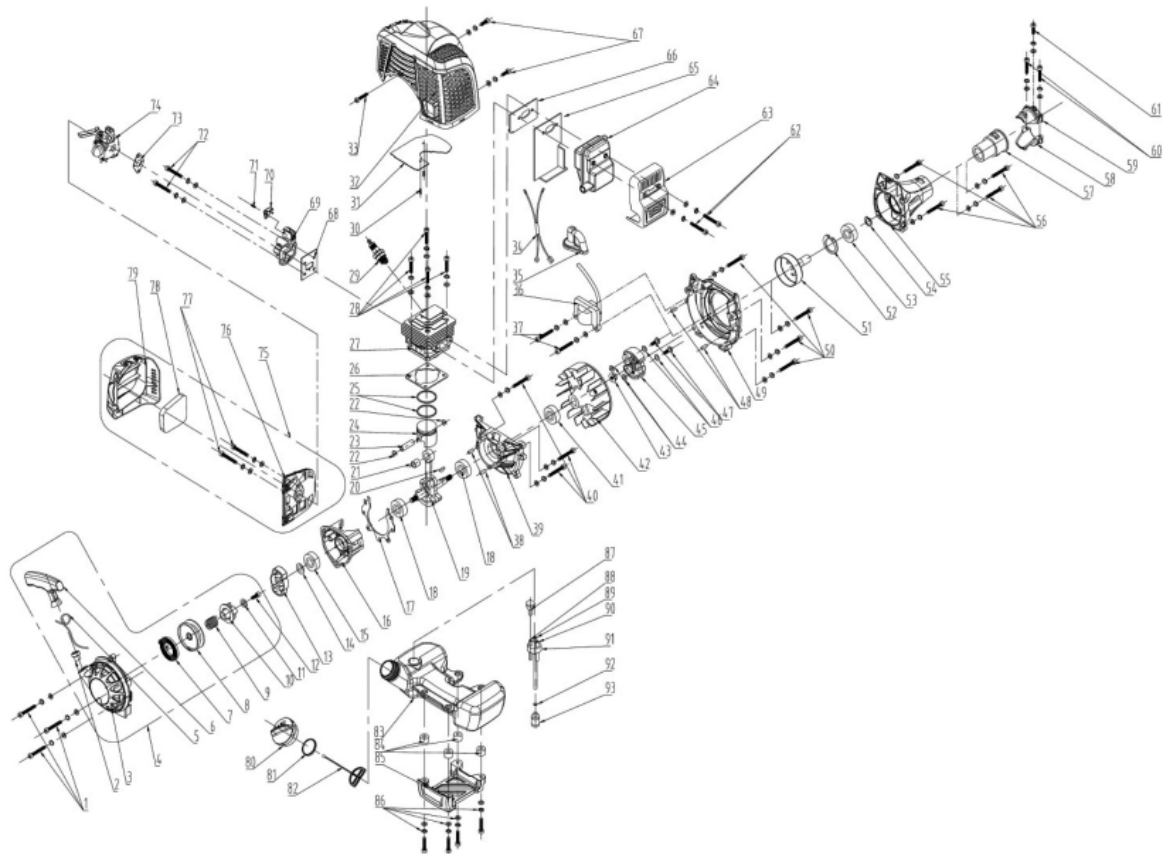
All the mentioned "chapter" with number in the sheet is related to instructions under the heading "Operating instructions".

PARTS LIST AND DIAGRAM

No.	Description	Qty
1	Screw M5x12	3
2	Pull Cord Sheath	1
3	Starter Cover	1
4	Starter Assembly	1
5	Starter Pull Cord	1
6	Start Handle	1
7	Coil Spring	1
8	Start Pulley	1
9	Start Spring	1
10	Ratchet Wheel	1
11	Plate Washer	1
12	Self-Tapping Screw ST4.8x16	1
13	Start Reel	1
14	Washer 8	1
15	Oil-Seal 12x22x7	1
16	Crankcase RH	1
17	Gasket\ Crankcase	1
18	Bearing 6001	2
19	Crank Shaft Assembly	1
20	Key 3x3.5x10	1
21	Bearing 6001 Bx11x11	1
22	Circlip \ Piston Pin	2
23	Piston Pin	1
24	Piston	1
25	Piston Ring	2
26	Gasket\ Cylinder	1
27	Cylinder	1
28	Screw M5x20	4
29	Spark Plug	1
30	Self-Tapping Screw ST4.2x8	2
31	Air Deflector	1
32	Top Housing	1
33	Self-Tapping Screw ST4.8x16	1
34	Wire	1
35	Spark Plug Cover	1
36	Igniter	1
37	Screw M5x20	2
38	Pin <l>5x10	2
39	Crankcase LH	1
40	Screw M5x25	3
41	Oil-Seal 12x22x7	1
42	Magneto Rotor	1
43	Flange Nut M8x1	1
44	Flat Washer	2
45	Clutch Assembly	1
46	Elastic Washer M8	2

47	Bolt / Clutch	2
48	Pin <l>4x10	2
49	Fan Cover	1
50	Screw M5x20	4
51	Passive Disk	1
52	Circlip 35	1
53	Bearing 6202	1
54	Circlip 15	1
55	Clutch Drum Housing	1
56	Screw M6x20	4
57	Rubber	1
58	Clamp RH	1
59	Clamp LH	1
60	Screw M5x25	12
61	Screw M5x12	1
62	Screw M5x52	2
63	Muffler Heat Shield	
64	Muffler	1
65	Gasket\ Muffler	1
66	Gasket\ Muffler	1
67	Screw M4x12	2
68	Gasket	1
69	Admitting Pipe	1
70	Stamping	1
71	Screw M4x6	1
72	Screw M5x20	2
73	Gasket \ Carburetor	1
74	Carburetor	1
75	Air Box Assembly	1
76	Air Box Base	1
77	Screw M5x45	2
78	Air Filter/ Foam	1
79	Air Box Cover	1
80	Fuel Tank Cover	1
81	Gasket Rubber	1
82	Anti-Falling Board	1
83	Fuel Tank	1
84	Rubber Bump	4
85	Fuel Tank Housing	1
86	Screw M5x25	4
87	Balancer	1
88	Air Tube	1
89	Fuel Tube	1
90	Return Tube	1
91	Retainer Fuel Tube	1
92	Snap Ring	1
93	Fuel Filter	1

PARTS LIST AND DIAGRAM



PARTS LIST AND DIAGRAM

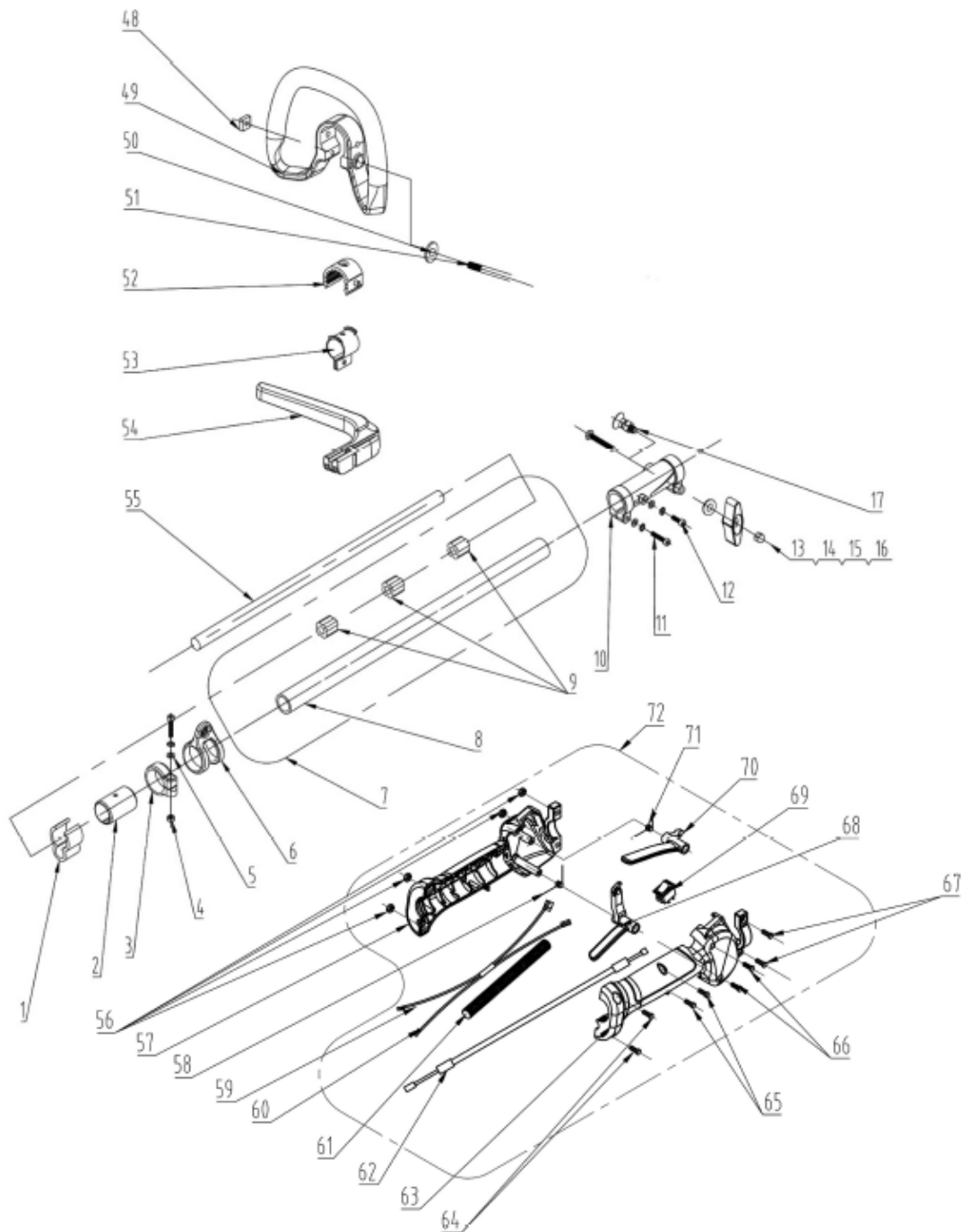
No.	Description	Qty
1	Cord Holder	1
2	Sleeve 26	1
3	Clamp	1
4	Nut MS	1
5	Screw M5x22	1
6	Harness Clamp Assembly	1
7	Rear Shaft Assembly	1
8	Rear Aluminum Tubing	1

9	Rubber/ Shaft	3
10	Connector Assembly	1
11	Screw M5x25	1
12	Screw M5x12	1
13	Screw M6x50	1
14	Plate Washer 6	1
15	Lock Knob	1
16	Nut M6	1
17	Latch	1

No.	Description	Qty
48	Front Handle	1
49	Nut MS	1
50	Plate Washer	1
51	Locking Screw	1
52	Front Handle Rubber Sleeve	1
53	Locking Sleeve	1
54	Bar	1
55	Driver Shaft	1
56	Nut MS	4
57	Plastic handle \ LH	1
58	Spring \ trigger	1
59	Wire cable A	1
60	Wire cable B	1
61	Wire tube	1

62	throttl cable assembly	1
63	plastic handle \ RH	1
64	screw M5x14	2
65	ST screw 3.5x9.5	2
66	ST screw ST4.2x12	2
67	screw M5x14	2
68	trigger	1
69	switch	1
70	lock trigger	1
71	spring \ trigger	1
72	rubber handle	1
73	Connecting Rod	1
74	Spring / Trigger B	1
75	Rubber Handle	1

PARTS LIST AND DIAGRAM



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.

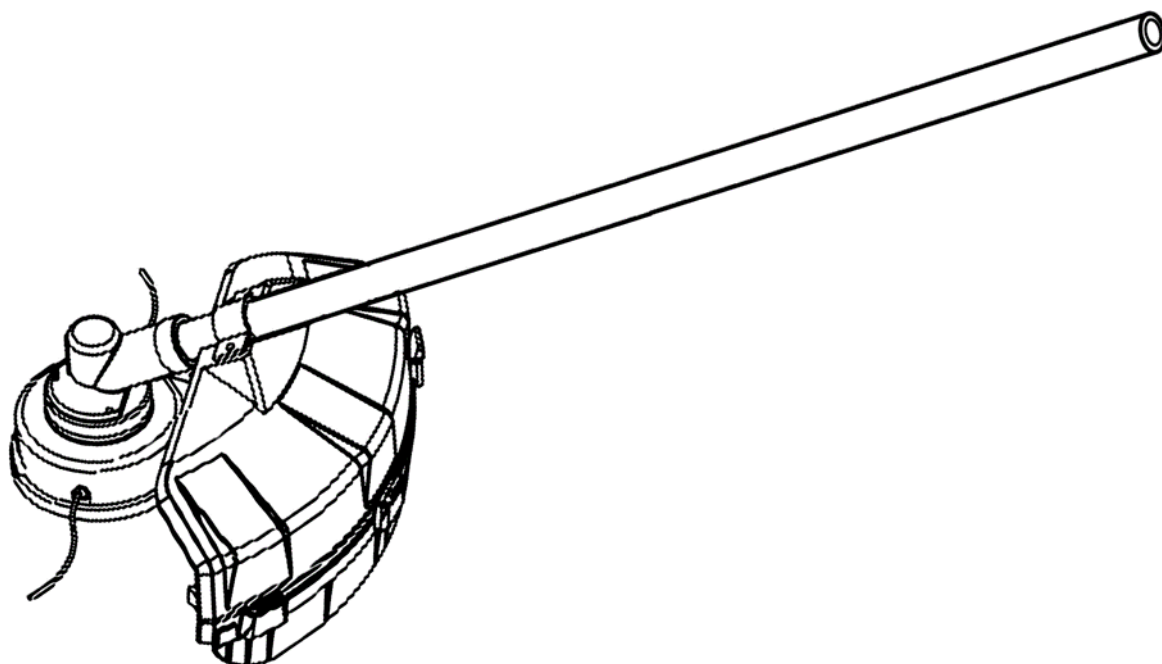
PRORUN / TOPSUN USA
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Suite 140
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Customer Service: (844) 905-0882 Email: info@proruntech.com Website:
www.prorunttools.com

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321300, P.R. CHINA
Made in China

PRORUN®

TRIMMER ATTACHMENT Operator's Manual

MODEL: PPA100



Everything PRORUN

Before operating, 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.
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proruntech.com ★★★★★
1-844-905-0882, info@proruntech.com
Version: B - Issue Date: 2023/03/31

1. INFORMATION OF SYMBOLS



WARNING! The trimmer can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this owner's manual.



Please read the operator's manual carefully and make sure you understand the instructions before using the machine. Failure to do so can result in serious injury to the operator and/or bystanders.



Max. speed of output shaft (if applicable), rpm



Watch out for thrown objects and ricochets.



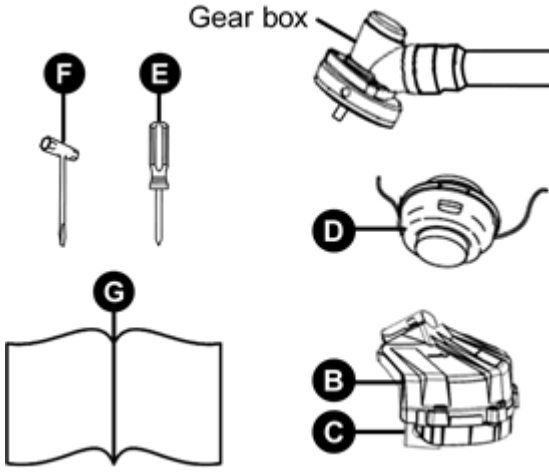
Do not use saw blades



The operator of the machine must ensure, while working, that no persons or animals come closer than 50 ft. (15.25 m).

2. IDENTIFICATION

Components and Controls

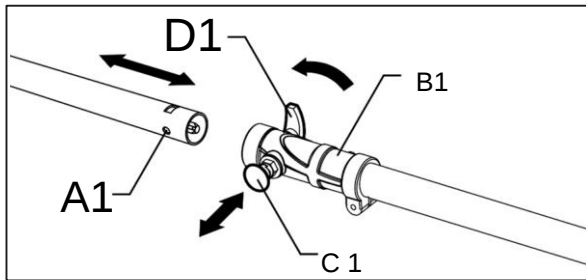


Gear box

50 Ft (15.25 m)

PART	DECSRIPTION
A	DRIVE SHAFT
B	GUARD
C	GUARD EXTENDER
D	TRIMMER HEAD
E	SCREWDRIVER
F	SCRENCH MULTI-TOOL
G	OPERATOR'S MANUAL

3. CONNECTING THE TUBE

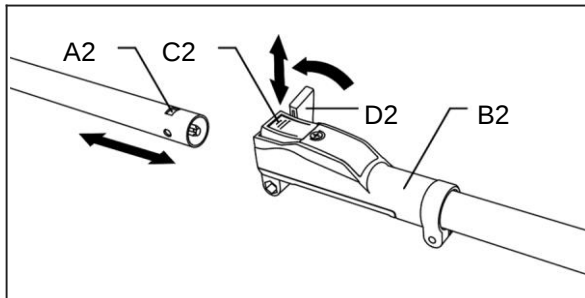


Connecting the attachment to the gas multi-tool powerhead

1. Align the round hole (A1) on the attachment's front tube and the lock pin (C1).
2. Pull the lock pin out while inserting the attachment tube into the connector (B1). Push the attachment tube to the end until the lock pin aligns with the round hole.

3. Release the lock pin, it will return to its original position automatically and insert itself into the round hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
5. Turn the lock knob (D1) clockwise to tighten the attachment tube securely.

Connecting the attachment to the cordless multi-tool powerhead



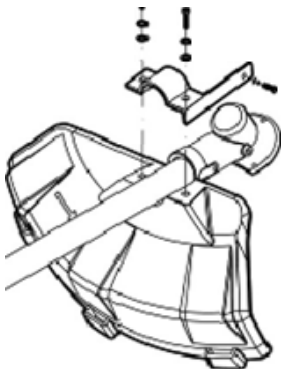
1. Align the rectangular hole (A2) on the attachment's front tube and the lock lever (C2).
2. Press down the lock lever while inserting the front tube into the connector (B2). Push the attachment tube to the end of the connector.
3. Release the lock lever, it will return to its original position automatically and insert the locking tab into the rectangular hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after

the lock pin is back to its original position.

5. Turn the lock knob (D2) clockwise to tighten the attachment tube securely.

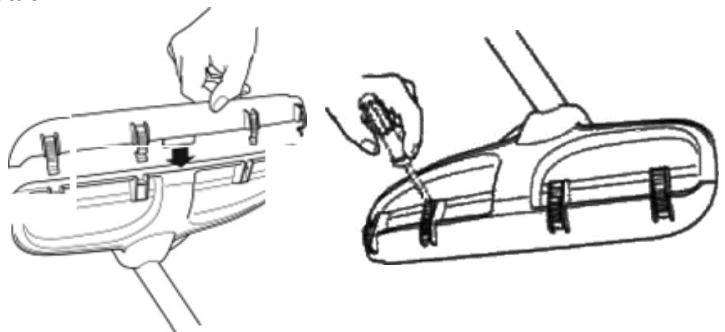
4. FITTING THE GUARD EXTENSION

CAUTION! The guard extension should always be installed when using the trimmer head and combination guard. The guard extension should always be removed when using the bushcutter blade and cutting attachment guard.



Hook the cutting attachment guard/combination guard onto the fitting on the shaft and secure with three bolts.

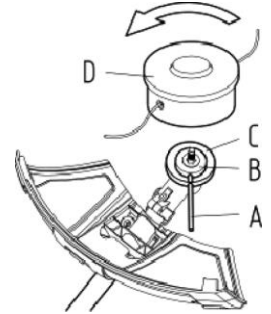
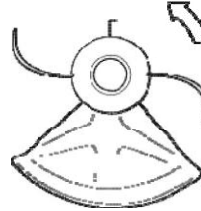
To assemble the combination guard, push the guard extension clips into the slots of the cutting attachment guard until you hear audible clicks. Check to ensure that the guard extension is firmly attached to cutting edge guard.



The guard extension is easily removed by using a screwdriver, see illustration.

5. FITTING THE TRIMMER HEAD

- Fit the correct trimmer cutting attachment guard for use with the trimmer head. **CAUTION!** Ensure that the guard extension is fitted.
- Hook the trimmer cutting attachment guard /combination guard onto the fitting on the shaft and secure with three bolts.
- Fit the top clamping plate (B) onto the output shaft.
- Turn the blade shaft until one of the holes in the top clamping plate aligns with the corresponding hole in the top protecting cap (C).
- Insert the locking pin (A) in the hole to lock the shaft.
- Screw on the trimmer head (D) in the opposite direction to the direction of rotation.

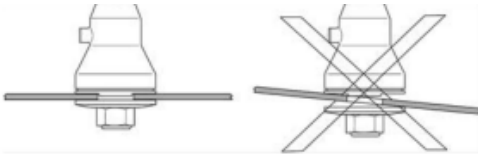


To dismantle, follow the instructions in the reverse order.



WARNING

When fitting the bushcutter blade it is extremely important that the raised section on the top clamping plate/support flange engages correctly in the center hole of the cutting attachment. If the cutting attachment is fitted incorrectly it can result in serious and/or fatal personal injury.



Never use any cutting attachment without an approved guard. See the chapter on Technical data. An incorrect or faulty fitted guard can cause serious personal injury.



IMPORTANT

If a bushcutter blade is to be used the machine must be equipped with the correct handlebar, blade guard and harness.

IMPORTANT! Always ensure the trimmer line is wound tightly and evenly around the drum, otherwise the machine will generate harmful vibration.

Only use the recommended trimmer heads and trimmer lines. These have been tested by the manufacturer to suit a particular engine size. This is especially important when a fully automatic trimmer head is used. Only use the recommended cutting attachment. See the chapter on Technical data.



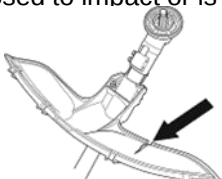
Smaller machines generally require small trimmer heads, and vice versa, because the machine's engine must throw out the trimmer line radially from the trimmer head and overcome the resistance of the grass being cleared. The length of the trimmer line is also important. A longer line requires greater engine power than a shorter line of the same diameter.

Make sure that the metal line-cutting blade on the trimmer guard is intact. This is used to cut the trimmer line to the correct length.

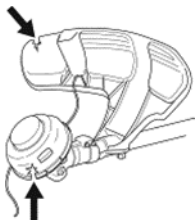
The life of the trimmer line can be increased when it is soaked in water for a couple of days. This will make the line tougher so that it lasts longer.

6. CHECK BEFORE STARTING

- Inspect the working area. Remove any objects that could be thrown out.
- Never use the machine without a cutting attachment guard nor with a defective guard.
- Check that the cutting attachment guard is not damaged or cracked. Replace the cutting attachment guard if it is exposed to impact or is cracked.



- Check that the trimmer head and trimmer cutting attachment guard are not damaged or cracked. Replace the trimmer head or trimmer guard if they have been exposed to impact or are cracked.



- Ensure that the machine is correctly located in a designated working position before starting the engine.
- Make sure the gear box and transmission is lubricated correctly. See instructions under the heading Gear housing.
- Only use the machine for the purpose it was intended for.

7. TECHNICAL DATA

Recommended cutting attachment	Type	Cutting width (mm)	Thickness of blade/ diameter of cutting line (mm)
Trimmer head	Non-metallic flexible cutting line	17 inches (430mm)	0.095 inches (2.4 mm)

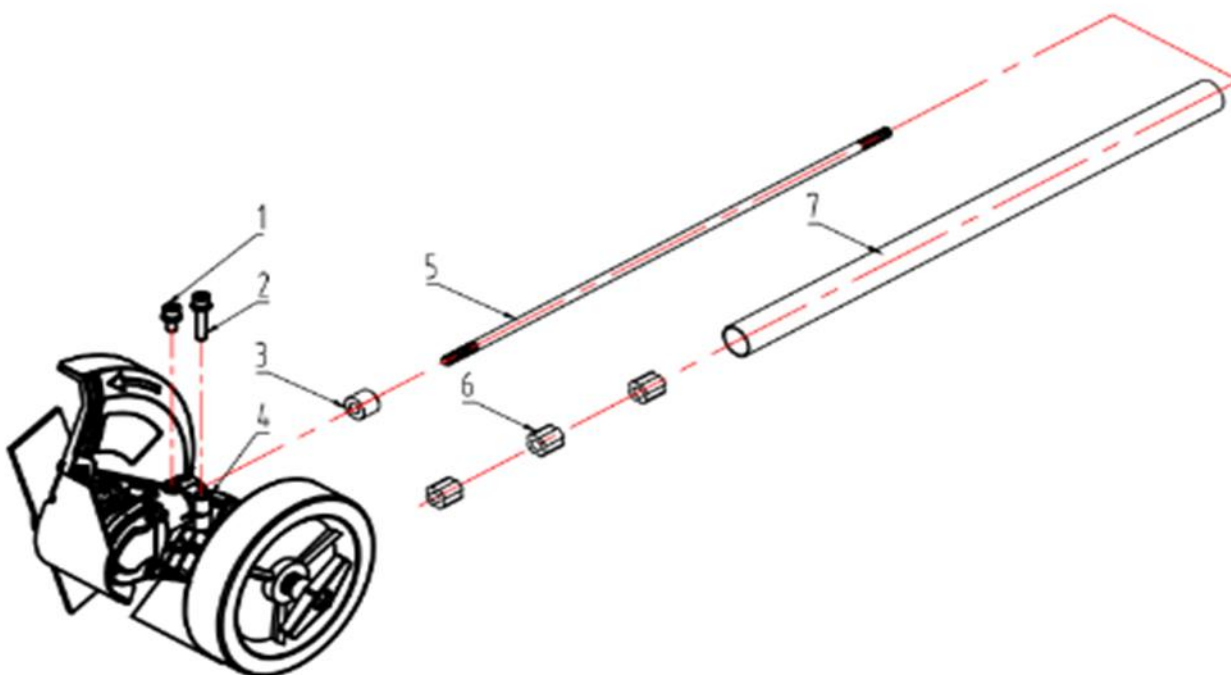
Parts List and Diagram

Part List

Number	Description	SAP Number	Quantity
1	SCREW M6x12	20061181	1
2	SCREW M6x35	20073765	1
3	LIMIT SLEEVE	20070363	1
4	TRIMMING MACHINE ASSEMBLY	20058549	1
5	DRIVER SHAFT	20054026	1
6	RUBBER SHAFT	20072574	3
7	FRONT AL TUBING	20088462	1

Parts List and Diagram

Part List



PRORUN regularly improves our products, and you may find slight differences between your machine and 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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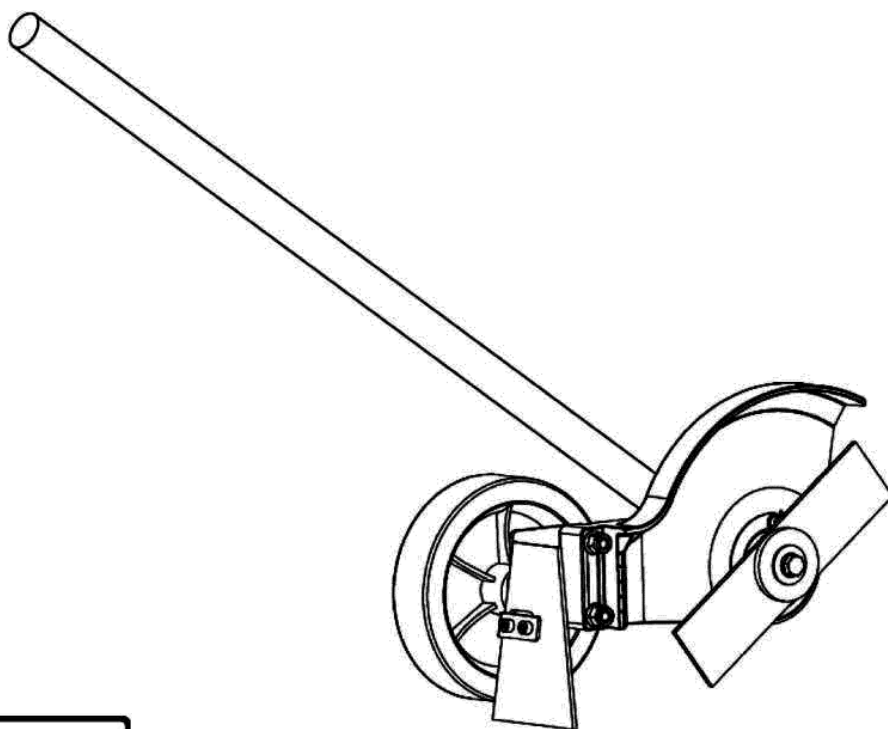
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Yongkang, Zhejiang, 321300, P.R.China
Made In China

PRORUN®

EDGER ATTACHMENT

Operator's Manual

MODEL: PPA200



Everything PRORUN

Before operating, 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.

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1-844-905-0882, info@proruntech.com
Version: B - Issue Date: 2023/03/31

1. INFORMATION OF SYMBOLS



WARNING! The edger can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this owner's manual.



Please read the operator's manual carefully and make sure you understand the instructions before using the machine. Failure to do so can result in serious injury to the operator and/or bystanders.



Beware of thrown objects and ricochets.



Beware of rotating cutting blade.



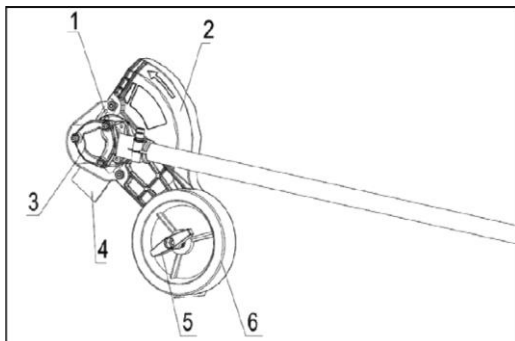
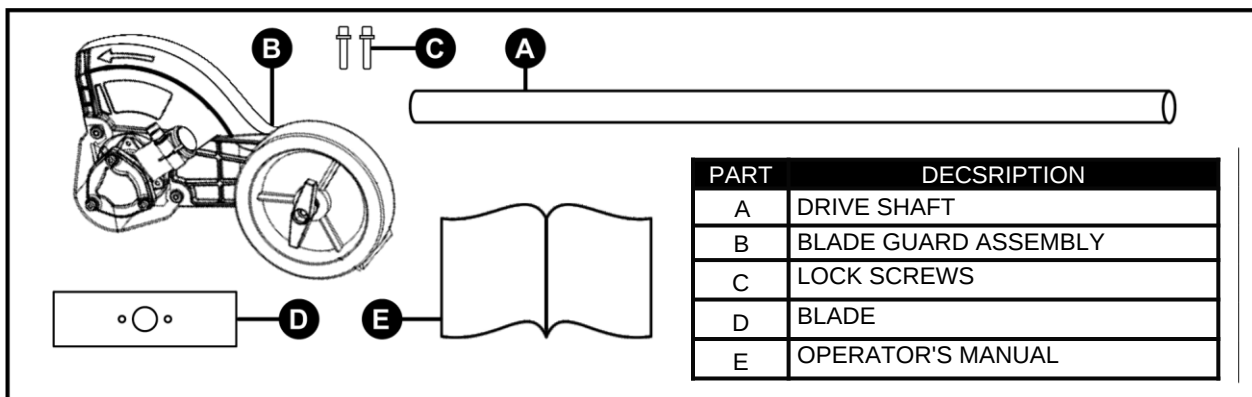
An arrow indicating rotation direction of cutting attachment.



Always keep bystanders at least 50 ft. (15.25 m) away when operating the machine.

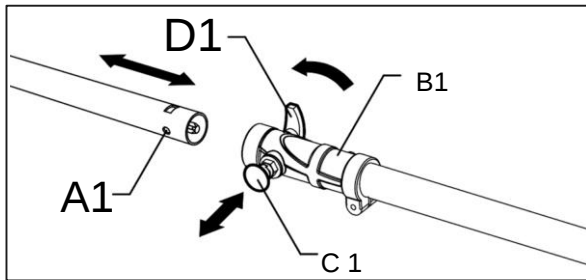
2. IDENTIFICATION

Components and Controls



- 1 Grease filler cap
- 2 Blade guard
- 3 Angle gear
- 4 Blade
- 5 Wing nut
- 6 Supporting wheel

3. CONNECTING THE TUBE

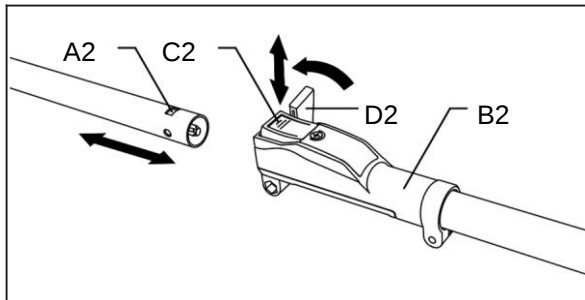


Connecting the attachment to the gas multi-tool powerhead

1. Align the round hole (A1) on the attachment's front tube and the lock pin (C1).
2. Pull the lock pin out while inserting the attachment tube into the connector (B1). Push the attachment tube to the end until the lock pin aligns with the round hole.

3. Release the lock pin, it will return to its original position automatically and insert itself into the round hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
5. Turn the lock knob (D1) clockwise to tighten the attachment tube securely.

Connecting the attachment to the cordless multi-tool powerhead



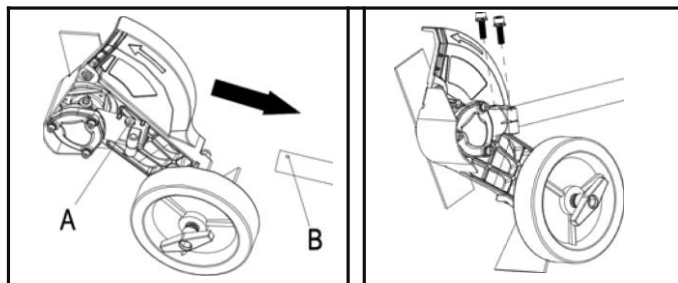
1. Align the rectangular hole (A2) on the attachment's front tube and the lock lever (C2).
2. Press down the lock lever while inserting the front tube into the connector (B2). Push the attachment tube to the end of the connector.
3. Release the lock lever, it will return to its original position automatically and insert the locking tab into the rectangular hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after

the lock pin is back to its original position.

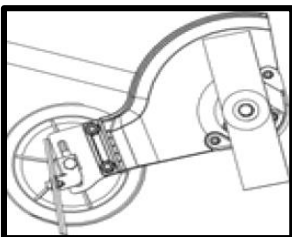
5. Turn the lock knob (D2) clockwise to tighten the attachment tube securely.

4. FITTING THE ANGLE GEAR

Fit the cutting head on the shaft tube so that the screw hole (A) on the cutting head is aligned with the position hole (B) on the shaft tube as shown. Insert and tighten the lock screws securely. Turn the blade so that the drive shaft engages in the angle gear.



WARNING



Never use a cutting attachment without an approved guard. If an incorrect or faulty guard is fitted this can cause serious personal injury.

This guard is intended to prevent loose objects from being thrown towards the operator. The guard also protects the operator from accidental contact with the cutting attachment.

Check that the guard is undamaged and not cracked. Replace the guard if it has been exposed to impact or is cracked.

Always use the recommended guard for the cutting attachment you are using.



WARNING

Never use a cutting attachment without an approved guard. See the chapter on Technical data. If an incorrect or faulty guard is fitted this can cause serious personal injury.

5. CUTTING EQUIPMENT

The blade is designed and manufactured to withstand the loads that edging of a lawn involves.



Check the cutting attachment for damage or cracks. A damaged cutting attachment should always be replaced.

A non-balanced blade induces heavy vibration that may damage the machine.



Always stop the engine before you work on any part of the cutting equipment. This continues to move even after the

throttle is released. Check that the cutting equipment has stopped completely and remove the HT lead from the spark plug before you start any work on it.

5.1 Installing the blade

Fit the drive disc (A) on the outgoing shaft. Make sure that the edge that fits in the hole of the blades is facing outward.

Block the blade rotation by inserting the allen key (F) in the hole behind the blade guard engaging it in the corresponding hold in the drive disc.

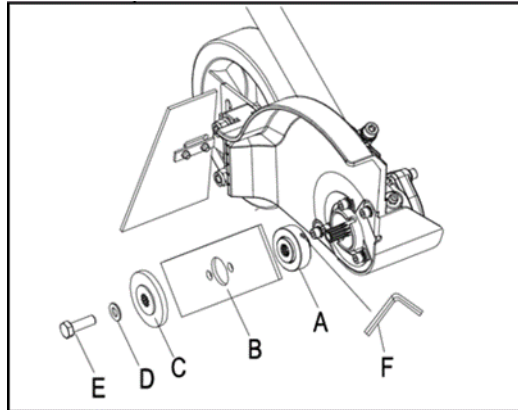
Fit the blade (B) on the drive disc.

Fit the support flange (C). The support flange must be fitted with its outer edge hard up against the blade.

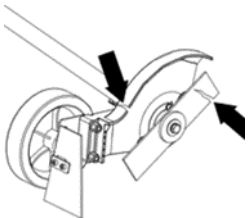
Fit the washer (D) and the locking screw (E).

Tighten and secure the locking screw.

Remove allen key.

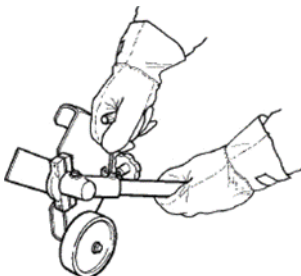


6. CHECK AND STARTING



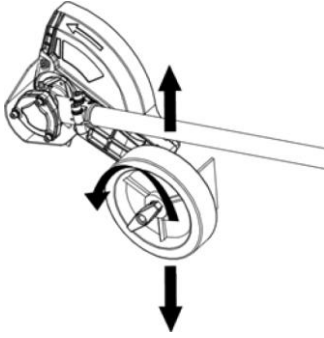
- Never use the machine without a guard nor with a defective guard.
- All covers must be correctly fitted and undamaged before you start the machine.
- Check that the blade and the blade guards are not damaged or cracked. Replace the blade or blade guard if it has been exposed to impact or if it is cracked.

6.1 Safety instructions after completing work



- Make sure the cutting attachment has stopped before cleaning, carrying out repairs, or an inspection. Disconnect the spark plug cap from the spark plug.
- Always wear heavy-duty gloves when repairing the cutting attachment. This is extremely sharp and can easily cause cuts.
- Store the machine out of reach of children.
- Use only original spare parts for repairs.

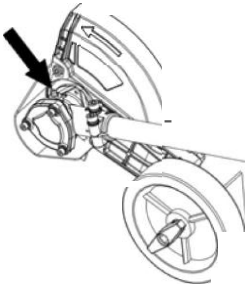
6.2 Adjusting the edger's cutting depth



The cutting depth must be adjusted before starting work.

- Loosen the wing nut.
- Set the desired cutting depth.
- Tighten the wing nut.

6.3 Bevel gear



The bevel gear is filled with the right quantity of grease at the factory. However, before using the machine you should check that the bevel gear is filled three-quarters full with grease.

The grease in the bevel gear does not normally need to be changed except if repairs are carried out.

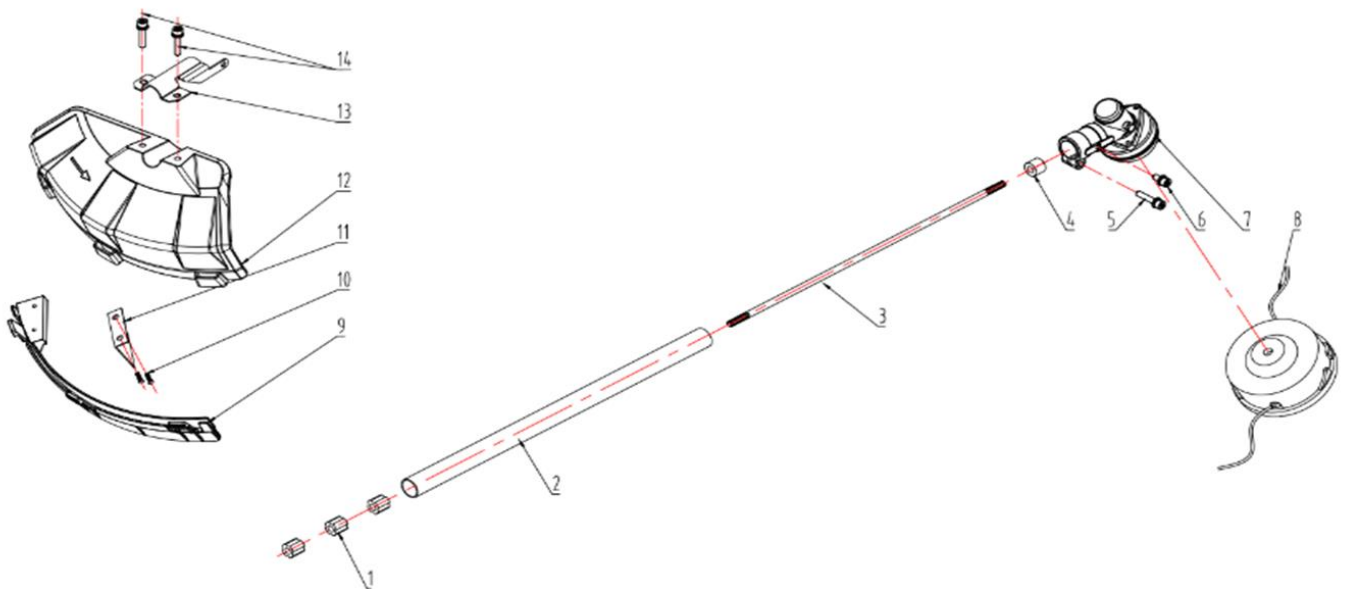
Parts List and Diagram

Part List

Number	Description	SAP Number	Quantity
1	RUBBER SHAFT	20072574	3
2	FRONT AL TUBING	20088461	1
3	DRIVER SHAFT	20054026	1
4	LIMIT SLEEVE	20070363	1
5	GEAR BOX ASSEMBLY	20070354	1
6	SCREW M6x25	20061116	1
7	SCREW M6x12	20061115	1
8	STRING HEAD ASSEMBLY	30001285	1
9	PROTECTIVE COVER EDGES	20067951	1
10	ST SCREW 4.8x13	20054547	2
11	CUTTING BLADE	20059120	1
12	GUARD	20067954	1
13	CLAMP / GUARD	20059117	1
14	SCREW M6x20	20062718	2

Parts List and Diagram

Part List



PRORUN regularly improves our products, and you may find slight differences between your machine and 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.

PRORUN / TOPSUN USA

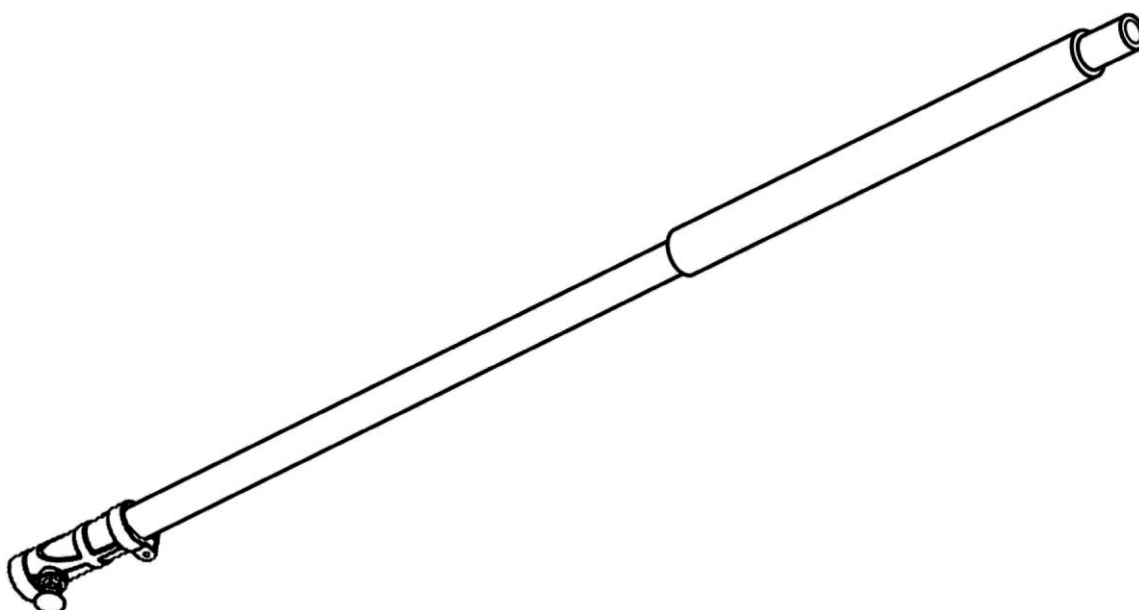
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Made In China

PRORUN®

EXTENSION ATTACHMENT MODEL: PPA300

Operator's Manual



Everything PRORUN

Before operating, 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: B - Issue Date: 2023/03/31

1. INFORMATION OF SYMBOLS



WARNING! An engine can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this owner's manual.



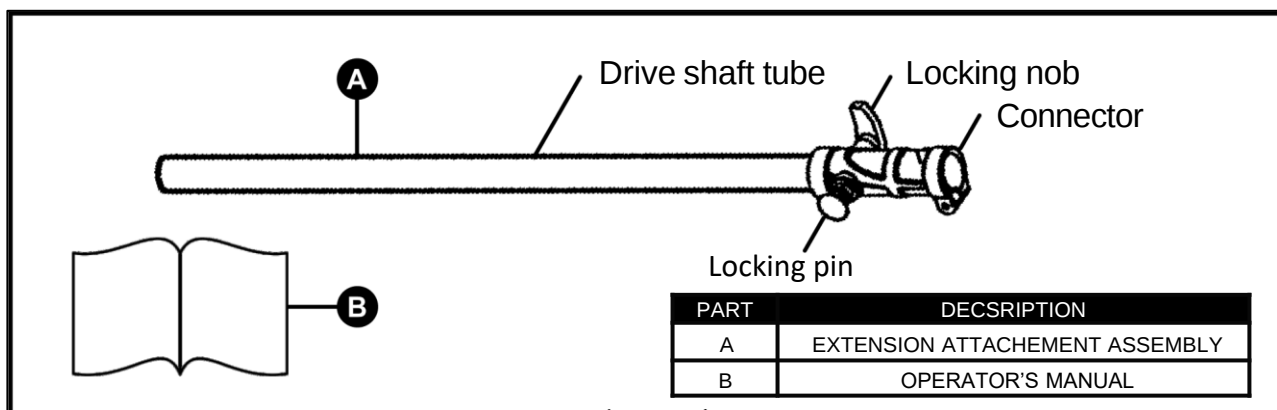
Please read the operator's manual carefully and make sure you understand the instructions before using the machine.



Keep the machine a sufficient distance away from electrical power lines.

2. IDENTIFICATION

Components and Controls



3. IMPORTANT

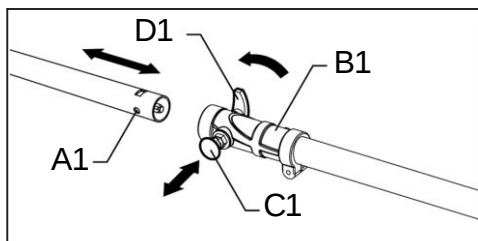
Please read the operator's manual carefully. Become familiar with the owner's manual before attempting to operate the equipment.

Under no circumstances may the design of the machine be modified without the permission of the manufacturer.

Always use genuine accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others.

Beware of overhead power lines.

4. CONNECTING THE TUBE

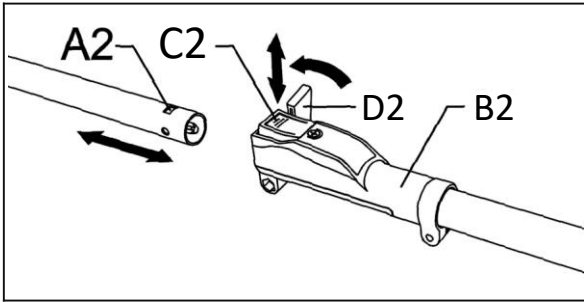


Connecting the attachment to the gas multi-tool powerhead

1. Align the round hole (A1) on the attachment's front tube and the lock pin (C1).
2. Pull the lock pin out while inserting the attachment tube into the connector (B1).

- Push the attachment tube to the end until the lock pin aligns with the round hole.
3. Release the lock pin, it will return to its original position automatically and insert itself into the round hole on the attachment tube.
 4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
 5. Turn the lock knob (D1) clockwise to tighten the attachment tube securely.

Connecting the attachment to the cordless multi-tool powerhead



1. Align the rectangular hole (A2) on the attachment's front tube and the lock lever (C2).
2. Press down the lock lever while inserting the front tube into the connector (B2). Push the attachment tube to the end of the connector.

3. Release the lock lever, it will return to its original position automatically and insert the locking tab into the rectangular hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
5. Turn the lock knob (D2) clockwise to tighten the attachment tube securely.

5. TECHNICAL INFORMATION

Technical data	Unit	PPA300
Length	mm	1000
Weight		1.98 Lbs. (0.9 kg)

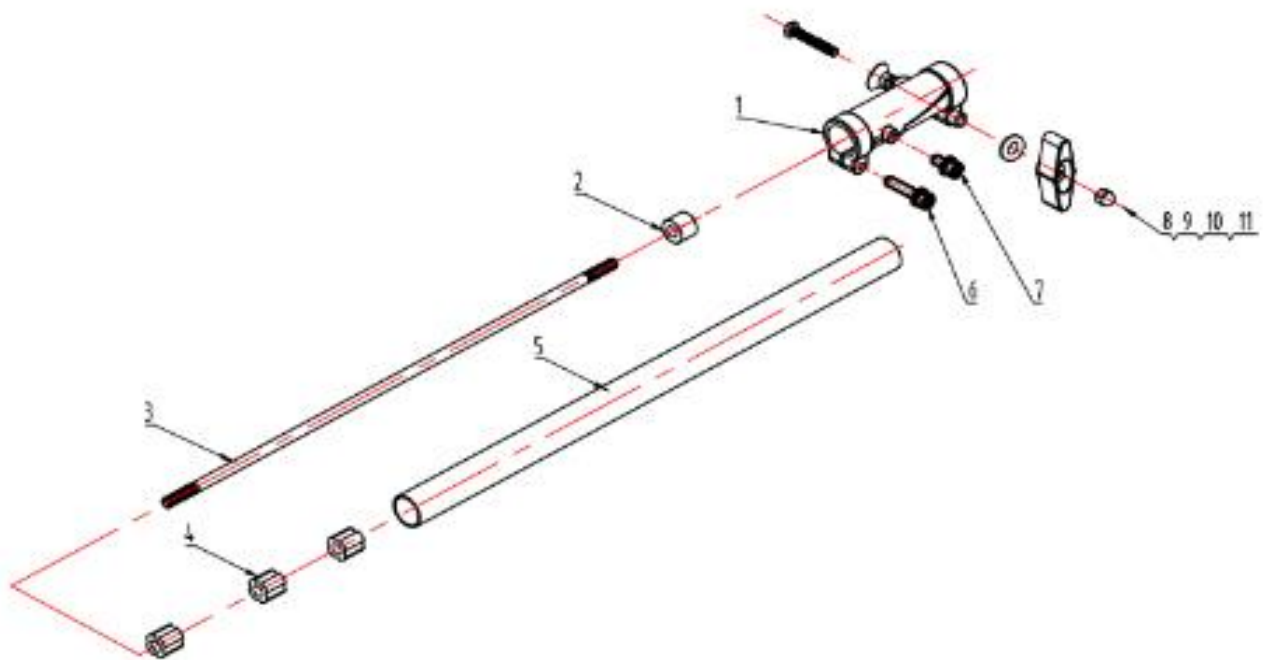
Parts List and Diagram

Part List

Number	Description	SAP Number	Quantity
1	CONNECTOR ASSEMBLY	20070365	1
2	LIMIT SLEEVE	20070363	1
3	DRIVER SHAFT	20050035	1
4	RUBBER\ SHAFT	20072574	3
4-1	OIL-IMPREGNATED BEARINGS 14x14x8, COPPER-BASED	20059115	3
4-2		20070352	3
5	AL TUBING	20088460	1
6	STRIPED SPONGE SLEEVE 25cm	20055795	1
7	SCREW M5x25	20061082	1
8	SCREW M5x12	20061111	1
9	SCREW M6x50	20061322	1
10	PLATE WASHER 6	20061506	1
11	LOCK THE KNOB	20059127	1
12	NUT M6	20061361	1

Parts List and Diagram

Part List



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Made In China

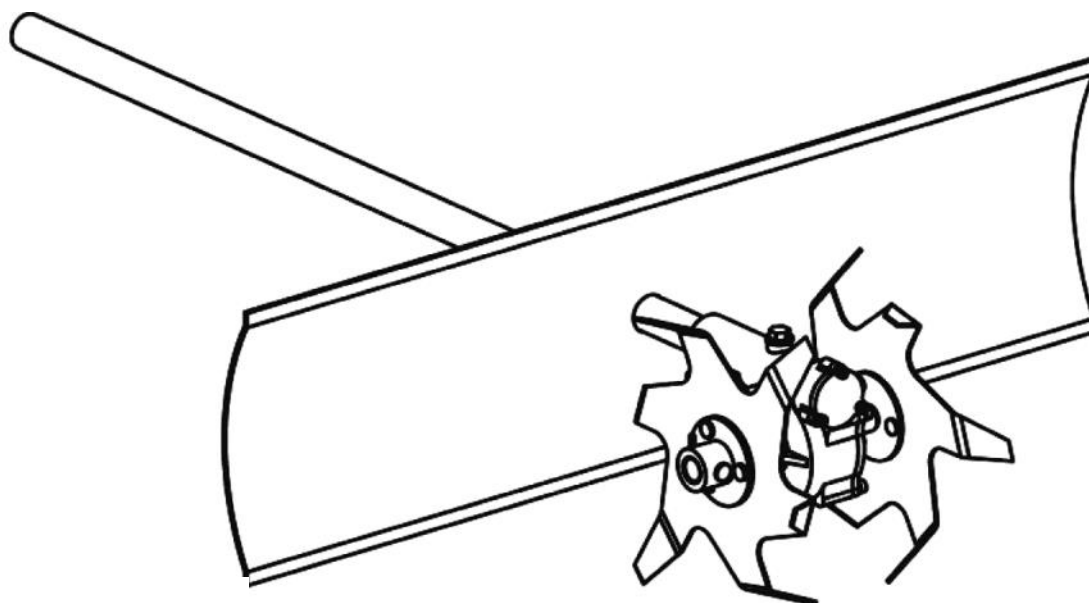
PRORUN®

GARDEN CULTIVATOR

Operator's Manual

Attachment

MODEL: PPA400



Everything PRORUN

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Version: B - Issue Date: 2023/03/31

CONTENTS

HOW TO READ THE MANUAL



WARNING

Certain paragraphs in the manual contain particularly significant information and are marked with various levels of highlighting with the following meaning:

NOTE or IMPORTANT

These give details or further information on what has already been said, and aim to prevent damage to the machine or cause other damage.

Non-observance will result in the risk of serious injury or death to oneself or others.

Contents	2
Getting to know the machine	2
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GETTING TO KNOW MACHINE

1. INFORMATION OF SYMBOLS



WARNING! A cultivator / tiller can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this owner's manual.



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.



Always wear:

- Approved hearing protection and eye protection.



Always wear approved protective gloves.



Wear sturdy, non-slip boots.



The exhaust system, muffler shield and cylinder of this engine are hot when the engine is running or within a few minutes after the engine has stopped. Take care to avoid coming into contact with a hot surface.



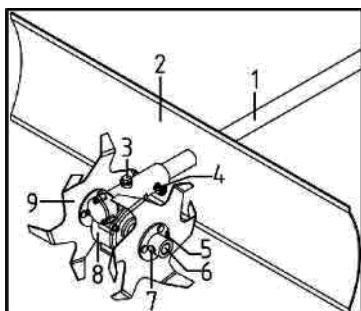
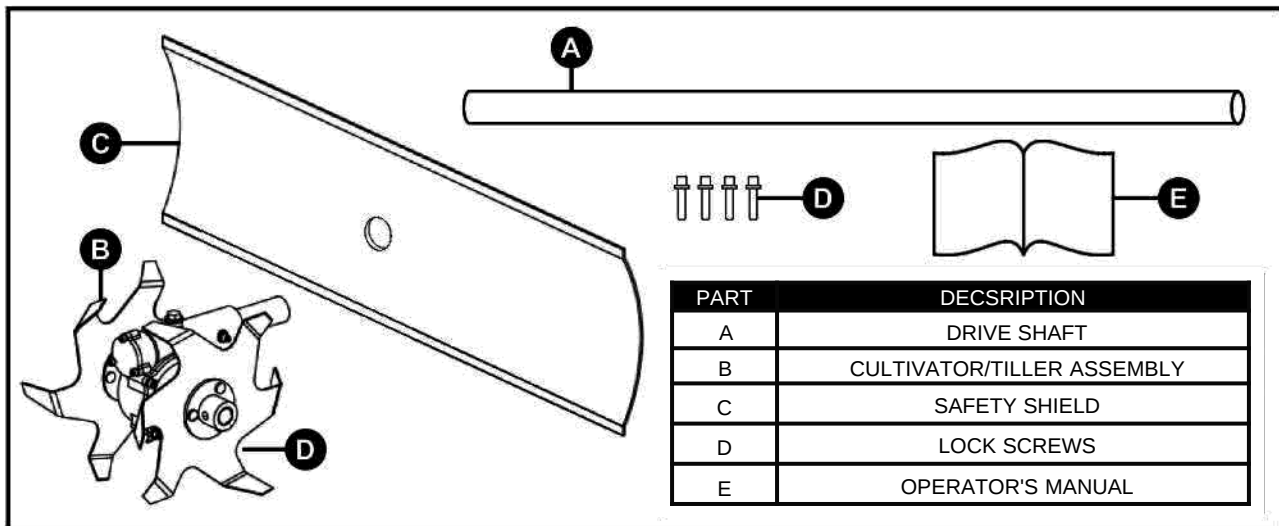
Beware of the thrown objects. Keep bystanders and animals a safe distance from the machine.



Keep safety shield in place at all times when knives are rotating. Avoid cutting your feet.

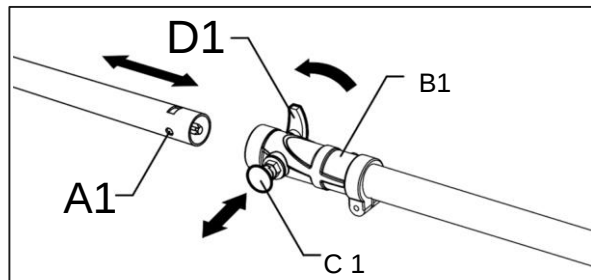
2. IDENTIFICATION

Components and Controls



- 1 Drive shaft tube
- 2 Safety shield
- 3 Grease port cap
- 4 Position screw
- 5 Cotter pins
- 6 Output shaft
- 7 Locking pins
- 8 Gear box
- 9 Tines

3. CONNECTING THE TUBE



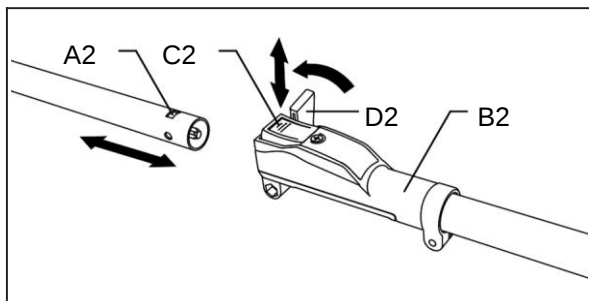
Connecting the attachment to the gas multi-tool powerhead

1. Align the round hole (A1) on the attachment's front tube and the lock pin (C1).
2. Pull the lock pin out while inserting the attachment tube into the connector (B1).

Push the attachment tube to the end until the lock pin aligns with the round hole.

3. Release the lock pin, it will return to its original position automatically and insert itself into the round hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
5. Turn the lock knob (D1) clockwise to tighten the attachment tube securely.

Connecting the attachment to the cordless multi-tool powerhead



1. Align the rectangular hole (A2) on the attachment's front tube and the lock lever (C2).
2. Press down the lock lever while inserting the front tube into the connector (B2). Push the attachment tube to the end of the connector.

3. Release the lock lever, it will return to its original position automatically and insert the locking tab into the rectangular hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
5. Turn the lock knob (D2) clockwise to tighten the attachment tube securely.

SAFETY REGULATIONS

1) IMPORTANT

Please read the operator's manual carefully. Become familiar with the owner's manual before attempting to operate the equipment.

Long-term exposure to noise can result in permanent hearing impairment. So always use approved hearing protection.

Under no circumstances may the design of the machine be modified without the permission of the manufacturer.

Always use genuine accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others.

This machine can cause serious injuries if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this operator's manual.

Become familiar with all controls and proper use of the machine, including the correct handling, preparation, maintenance, starting and stopping of the machine.

Avoid operating while people, animals, especially children, are nearby. The machine operator must ensure that no people or animals come closer than 50 feet (15.25 meters) while working.

Keep firm footing and balance during operation, use the harness provided.

Grip the cultivator/tiller firmly with both hands. Never operate the cultivator/tiller with one hand.

Do not operate the cultivator/tiller on a slope that is too steep for safe operation. When on slopes, slow down and make sure you have good footing.

Always ensure that all handles are fitted when using the machine. Never attempt to use an incomplete machine or one fitted with an unauthorized modification.

Always use two hands to operate this machine.

While operating this machine, always ensure that the operating position is safe.

Always be aware of your surroundings and stay alert for possible hazards of which you may not be aware due to the noise of the machine.

Stop the engine before

- Cleaning or when clearing a blockage.
- Checking, carrying out maintenance or working on the machine.
- Leaving the machine unattended.

Don't overreach- Guide the cultivator/tiller at a walking pace only. Keep proper footing and balance at all times.

Before starting the cultivator/tiller make sure the tines are not touching any object and are free to move.

Always ensure a correct working posture. The operator should schedule sufficient rest periods and changing working positions.

Never use the machine if you are tired, if you are ill, if you have consumed alcohol, or if you are taking medication that could affect your vision, your judgement or your coordination.

The cultivator/tiller may bounce upward and/or jump forward if the tines strike extremely hard packed soil, frozen ground, or buried obstacles such as large stones, roots or stumps.

Do not operate the cultivator/tiller near underground electrical cables, telephone lines, pipes or hoses.

If the cultivator/tiller strikes a foreign body, turn it off immediately, wait for the tines to stop and check for damage. If necessary, repair before restarting. Tines do not stop immediately after the engine is turned off.

If the cultivator/tiller starts to vibrate abnormally, turn it off immediately and check for the cause. Vibration is generally a warning of trouble.

Risk of injury. Do not put hands, feet or any body part or clothing near the rotating tines.

Wear personal protective equipment. See instructions under the heading "Personal protective equipment".

Never use a machine that has been modified in any way from its original specification. Never use a machine that is faulty. Carry out the checks, maintenance and service instructions described in this manual. See instructions under the heading "Routine maintenance".

Disconnect the spark plug cap from the spark plug and take the following steps:

- Inspect for damage.
- Check for, and tighten, any loose parts.
- Have any damaged parts replaced or repaired with manufacturer approved parts.

All covers, guards and handles must be fitted before starting. Ensure that the spark plug cap and ignition lead are undamaged to avoid the risk of electric shock.

Never allow children or people unfamiliar with these instructions to use the machine. Local laws can restrict the minimum age of the operator.

Secure the machine during transport to prevent loss of fuel, damage or injury. **CLEANING AND MAINTENANCE BEFORE STORAGE :**

Alert! National regulations (Occupational Safety and Health, environment) may be present, which can restrict the use of the machine.

Daily inspect the machine before use and after dropping or other impacts to identify any significant defects.

During a working day, you should take frequent and adequate breaks to prevent damage from vibration and damage to the ears.

Check the idle speed, if the tines rotate with the engine running at idle speed, stop the engine immediately. Next, the carburettor idle setting must be checked.



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 to consult their physician(s) and the medical implant manufacturer before operating this machine.

The exhaust gases emitted from engine contain dangerous carbon monoxide. Running an engine in a confined or badly ventilated area can result in death due to asphyxiation or carbon monoxide poisoning.

Prolonged exposure to vibrations can cause injuries and neurovascular disorders (also called "Raynaud's syndrome" or "white hand"), especially to people suffering from circulation disorders. The symptoms can affect the hands, wrists and fingers and are shown through loss of sensitivity, torpor, itching, pain and discolouring of or structural changes to the skin. These effects can be worsened by low ambient temperatures and/or by gripping the handgrips excessively tightly. If the symptoms occur, the length of time the machine is used must be reduced and a doctor consulted.

2) PERSONAL PROTECTIVE EQUIPMENT

IMPORTANT! You must use approved personal protective equipment whenever you use the machine. Personal protective equipment cannot eliminate the risk of injury but it will reduce the degree of injury if an accident does happen. Listen out for warning signals or shouts when you are wearing hearing protection. Always remove your hearing protection as soon as the engine Stops.

HEARING AND EYE PROTECTION: Wear hearing protection that provides adequate noise reduction. Always wear approved eye protection.

GLOVES: Gloves should be worn when necessary, e.g., when fitting or repairing tines.

BOOTS: Wear boots with steel toe-caps and non-slip sole. Do not operate the equipment while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces.

CLOTHING: 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.

FIRST AID KIT: Always have a first aid kit nearby.

3) MACHINE'S SAFETY EQUIPMENT

The safety shield is intended to prevent loose objects from being thrown towards the operator. The safety shield also protects the operator from accidental contact with the tines.

Check that the safety shield is undamaged and not cracked. Replace the safety shield if it has been exposed to impact or is cracked.

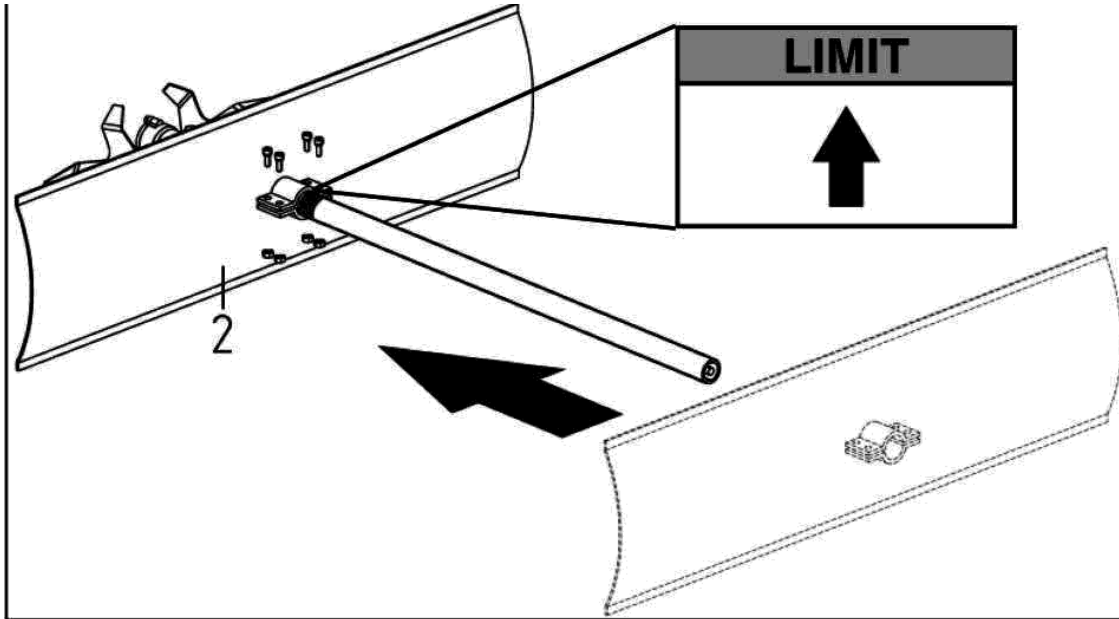
Never use the cultivator/tiller without the safety shield. Make sure that the safety shield is in the correct position, failure to do this can cause serious personal injury.

OPERATION INSTRUCTIONS

1) INSTALLING THE SAFETY SHIELD

Insert the aluminum tube into the safety shield and through the clamp. Be sure that the clamp is on the opposite side of the tiller tines. Use the limit marker to position the tube.

Use four bolts and nuts to tighten the safety shield securely in place.



2) USING THE CULTIVATOR/TILLER



WARNING

The engine produces dangerous carbon monoxide, a poisonous, colorless odorless gas that can cause death or serious injury. Do not operate the machine in unventilated spaces, such as greenhouses.

Avoid all usage which you consider to be beyond your capability.

Use the cultivator/tiller for breaking sod, preparing seed beds, and for cultivating gardens and flower beds. The cultivator/tiller can also dig small holes for planting saplings or potted plants.

For breaking sod or deep tilling, allow the tines to pull the cultivator/tiller forward to the end of your arm's reach, then firmly pull it back toward yourself. You will achieve the best results by repeatedly allowing it to move forward and pulling it back.

By pulling the cultivator/tiller back towards yourself, the tines will dig deeper and more aggressively.

NOTE: To prevent tripping, take extra precautions when moving backwards and when pulling the cultivator/tiller back toward yourself.

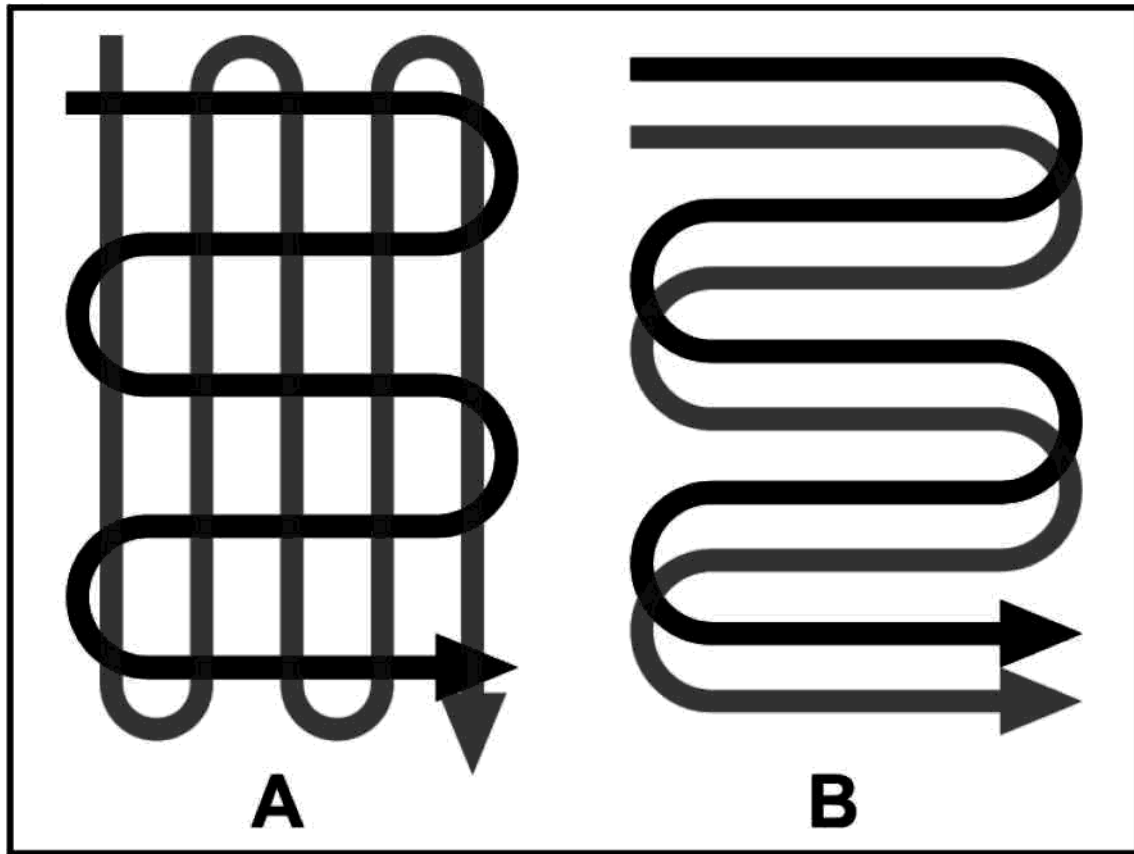
If the cultivator/tiller digs deep enough to stay in one spot, gently rock it side to side until it starts moving forward again.

When working on inclines always stand diagonally to the incline to retain a firm, safe footing. Do not work on Extremely steep slopes.

For preparing seedbeds, we recommend using one of these tilling patterns:

Tilting Pattern A— Make two passes over area to be tilled, the second at a right angle to the first.

Tilting Pattern B— Make two passes over area to be tilled, the second overlapping the first.



Before use, remove any visible stones or other foreign bodies from the area.

NOTE: Before moving the cultivator/tiller from one area to another, stop the engine and wait for the tines to come to a complete stop. Be careful not to let the tines touch the ground while moving the cultivator/tiller. The tines, as well as the unit itself, may be damaged even if the engine is stop.

CLEARING FOREIGN OBJECTS:

During operation a stone or root could become lodged in the tines, or tall grass or weeds may become wrapped around the tines. Before clearing the tines, stop the engine and wait for the tines to come to a complete stop. Dislodge or remove the foreign matter from the tines.

3) ROUTINE MAINTENANCE



WARNING

Wear gloves and use caution when cleaning or performing maintenance on the cultivator/tiller.

Always turn off the engine and wait until the tines come to a complete stop before carrying out any maintenance or repairs.

A blunt tine increases the vibration level.

Daily check the condition of the tines and ensure that all cotter pins locking pins are

securely fixed. If the tines become bent, twisted, cracked, blunt, broken or damaged, sharpen or replace them. Contact PRORUN Customer Service for assistance.

NOTE: Always clean the cultivator/tiller after each use. Failure to carry out proper cleaning can result in damage to the cultivator/tiller or result in poor performance. Clean the tines with a scrub brush, and a soft cloth dampened with a mild soap and water mixture.

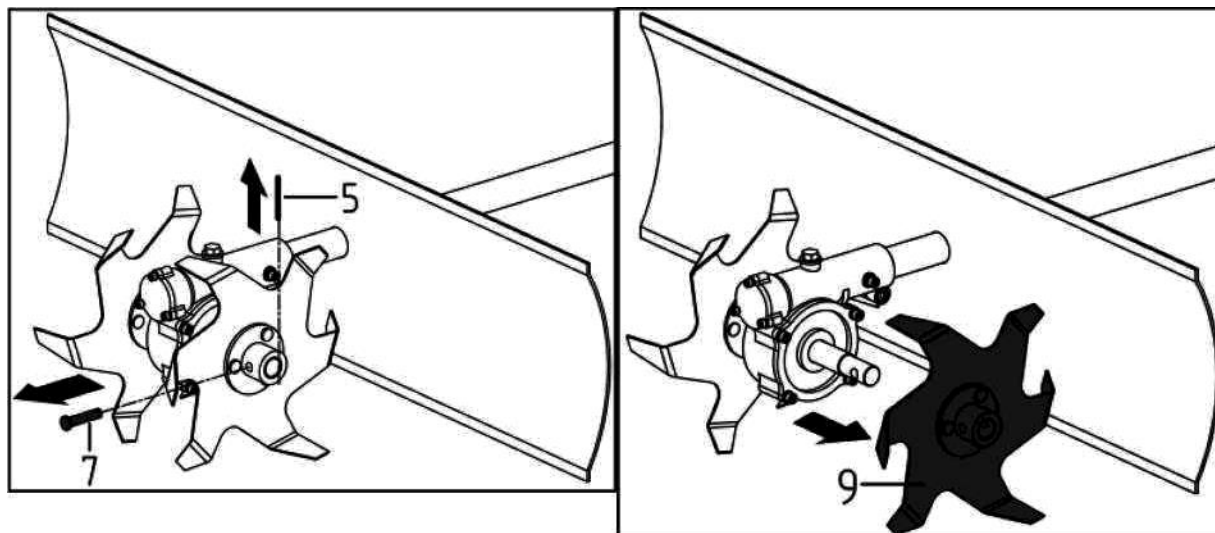
Never use a water hose to clean the cultivator/tiller! To remove soil and debris from the tines, use a stiff brush or a dampened cloth. Once cleaned, wipe the tines dry and apply a light coat of oil to prevent rust.

Worn tines invite poor performance and an overload of the engine. Check tines before each use. Sharpen or replace the tines with new ones when necessary.

3.1 Tine Replacement

NOTE: Replace only with the genuine parts.

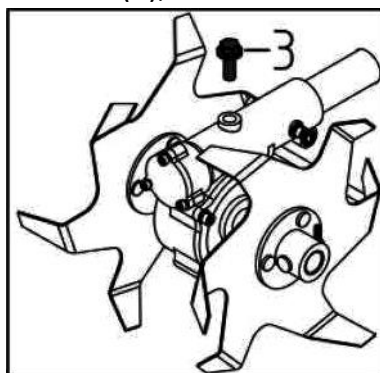
Remove the cotter pin (5) with a pair of pliers, and then remove the locking pin (7). Remove the tines (9) off from the output shaft.



Install a new tines onto the cultivator/tiller according to the reverse steps of the above steps.

3.2 Gear box

The gear box is filled with the right quantity of grease at the factory. Check the grease level regularly. Remove the grease port screw (3), and then use a grease pump to feed the grease into the gear box if necessary.



4) MAINTENANCE TIMESCALE

The following intervals apply to normal operating conditions only. If your daily working time is longer or operating conditions are difficult (very dusty work area, etc.), shorten the specified intervals accordingly.		Before starting working	After finishing work daily	After each refueling stop	Weekly	Monthly	Every 12 months	If problem	If damaged	If required
Complete machine	Visual inspection (condition, wear, leaks)	*								
	Clean		*							
Gear box	Feed grease						*	*		*
Tines	Clean		*					*		*
	Replace								*	
Cotter pins	Check	*						*		
	Replace							*	*	*
Safety shield	Check	*	*							
	Replace								*	
Locking pins	Check	*				*		*		
	Replace								*	*
All accessible screws	Check	*				*		*		
	Retighten									*

1) Contact PRORUN Customer Service with service questions or to purchase replacement parts.

5) STORAGE AND TRANSPORTATION

At the end of the season, or if the cultivator/tiller is not being used for longer than a month, wipe over all metal surfaces with an oil impregnated cloth to protect them from corrosion or spray with a fine coat of oil.

During extended periods of storage, ensure that the cultivator/tiller is protected against corrosion and rust.

Store the cultivator/tiller in a dry, clean area out of reach of children.

Do not expose to rain. Store indoors.

6) DIAGNOSTICS

Problem	Source of problem	Corrective action
Abnormal noises	Tine is jammed	Stop the engine. Wait till tines comes to a complete stop, Remove jammed objects.
	Lubrication running out	Refeed the grease into the gear box. (3.2)
	Bolts, nuts or other componentG are loose,	Tighten all components. Arrange for repair if noises continue.
Abnormal vibrations	Tines .damaged or worn	Replace damaged or worn tines. (3.1)
	Working depth too large	Adjust working depth.
Poor results	Working depth too small	Adjust working depth.
	Worn tines	Replace damaged or worn tines. (3.1)

TECHNICAL INFORMATION

Technical data	Unit	PPA400
Weight	lbs.(kg)	7.28 (3.3)
Diameter of tines	inches (mm)	8.85 (225)
Max. working depth	inches (mm)	2.0 (50)
Working width	inches (mm)	7.0 (180)
Gear ratio		1:33

Specifications are subject to change without notice.

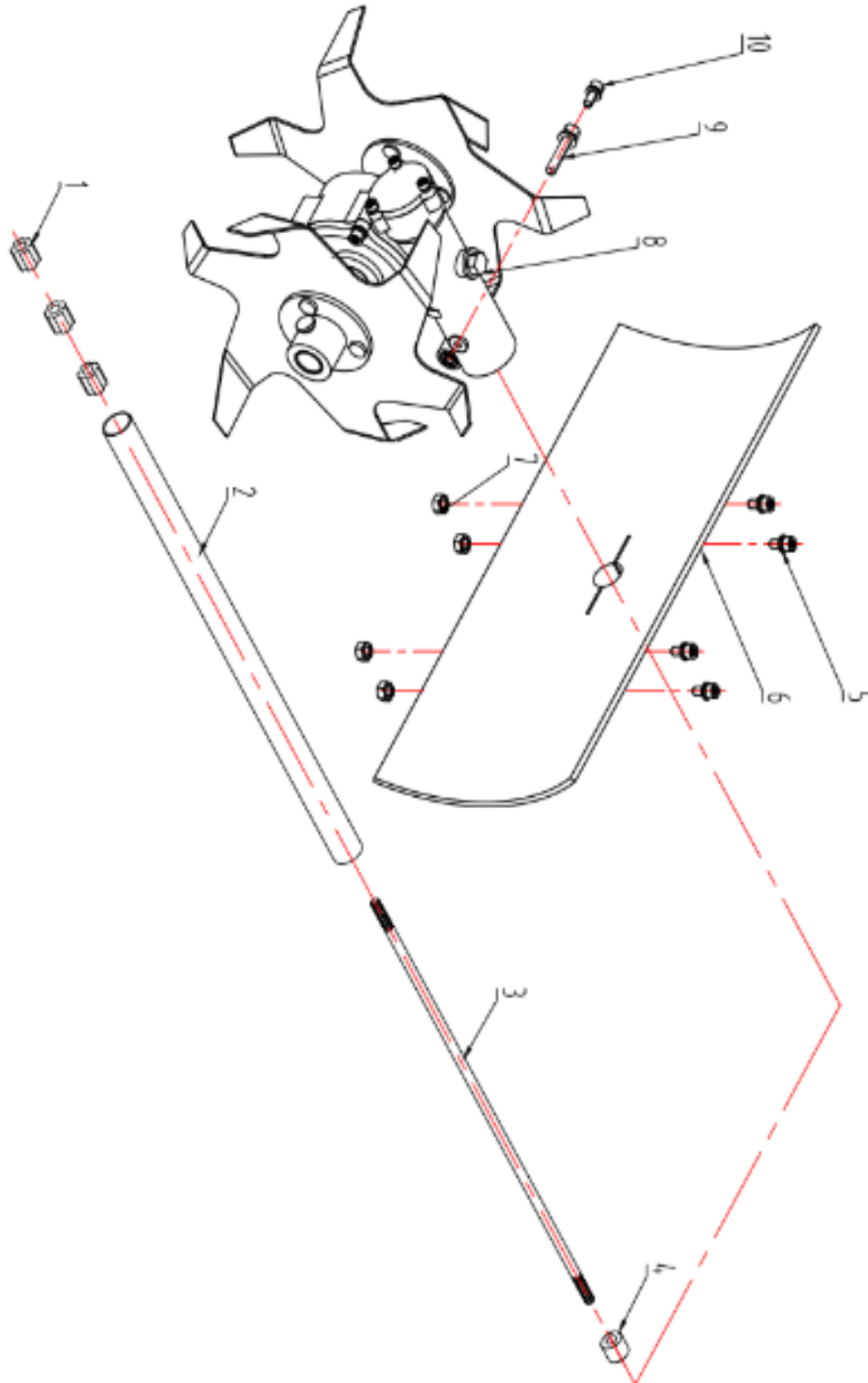
Parts List and Diagram

Part List

Number	Description	SAP Number	Quantity
1	RUBBER\ SHAFT	20072574	3
1-1	OIL-IMPREGNATED BEARINGS 14x14x8, COPPER=BASED	20059115	3
1-2		20070352	3
2	FRONT AL TUBING	20088461	1
3	DRIVER SHAFT	20054026	1
4	LIMIT SLEEVE	20070363	1
5	SCREW M6x25	20061116	4
6	ROTARY TILLER FENDERS	20084236	1
7	NUT M6	20061410	4
8	NUT M6	20061347	1
9	ROTARY TILLER HEAD ASSEMBLY	20083393	1
10	SCREW M6x30	20061117	1
11	SCREW M5x12	20061111	1

Parts List and Diagram

Part List



PRORUN regularly improves our products, and you may find slight differences between your machine and 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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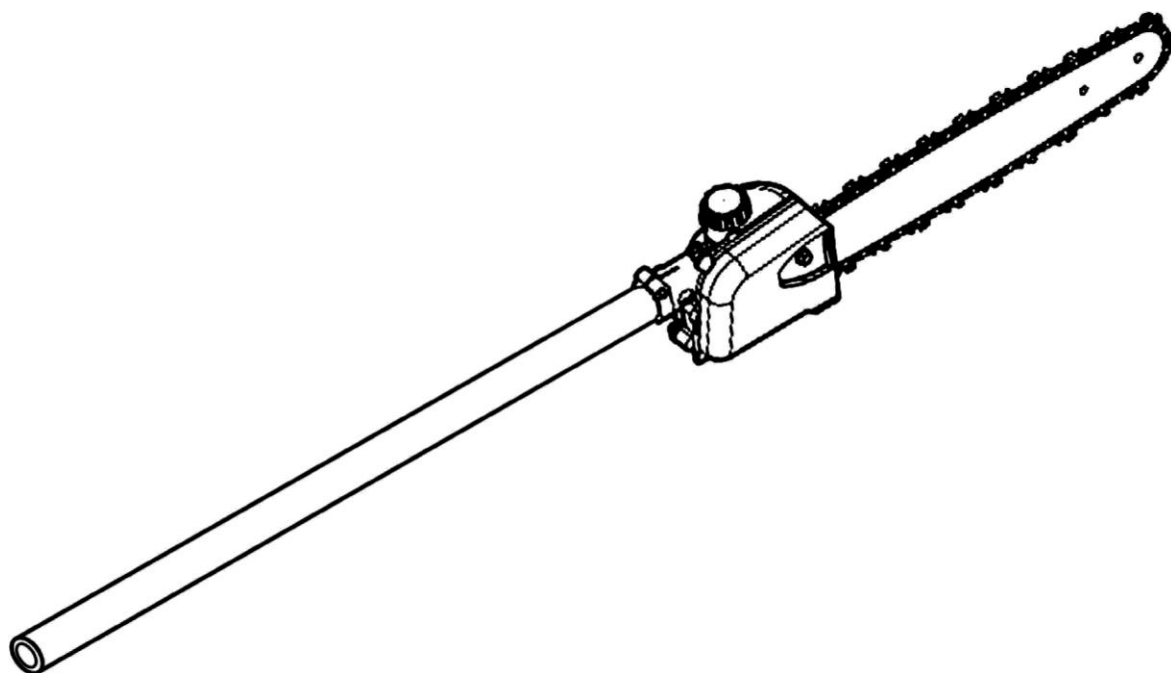
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ADD: No.155 Mingyuan North AVE, Economic Development Zone,
Yongkang, Zhejiang, 321300, P.R.China
Made In China

PRORUN®

Pole Saw Attachment

Operator's Manual

MODEL: PPA500



Everything PRORUN

Before operating, 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.

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Version: B - Issue Date: 2023/03/31

1. INFORMATION OF SYMBOLS



WARNING! The pole saw attachment can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this owner's manual.

Please read the operator's manual carefully and make sure you understand the instructions before using the machine. Failure to do so can result in serious injury to the operator and/or bystanders.



Keep the machine a sufficient distance away from electrical power lines.



The chain oil tank



Adjust the oil pump
If you turn the rod by screwdriver follow the arrow to the "MAX" position, the chain oil flow increase, and if you turn to the "MIN" position, decrease.

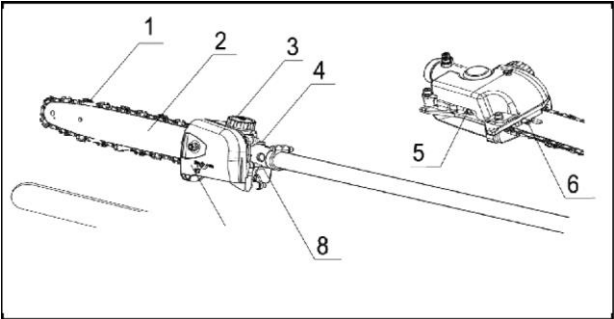


Shows the direction of the saw chain installation.

2. IDENTIFICATION

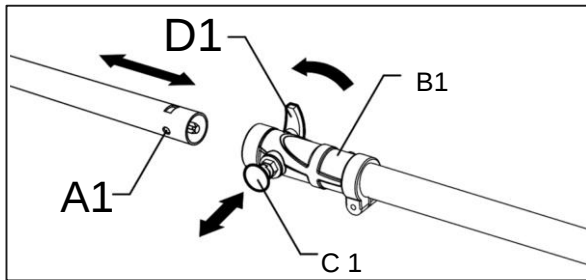
Components and Controls

PART	DECSRIPTION
A	DRIVE SHAFT
B	CHAINSAW ASSEMBLY
C	CHAINSAW BAR
D	SAW CHAIN
E	BAR AND CHAIN COVER
F	OPERATOR'S MANUAL



- 1 Saw chain
- 2 Guide bar
- 3 Chian oil tank cap
- 4 Grease nozzle
- 5 Chain oil flow adjuster
- 6 Chain tension adjuster
- 7 Chain cover
- 8 Transmission
- 9 Guide bar cover

3. CONNECTING THE TUBE

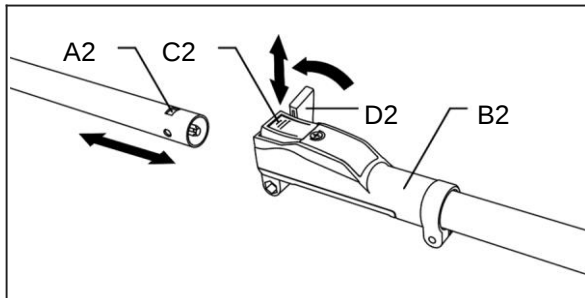


Connecting the attachment to the gas multi-tool powerhead

1. Align the round hole (A1) on the attachment's front tube and the lock pin (C1).
2. Pull the lock pin out while inserting the attachment tube into the connector (B1). Push the attachment tube to the end until the lock pin aligns with the round hole.

3. Release the lock pin, it will return to its original position automatically and insert itself into the round hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
5. Turn the lock knob (D1) clockwise to tighten the attachment tube securely.

Connecting the attachment to the cordless multi-tool powerhead

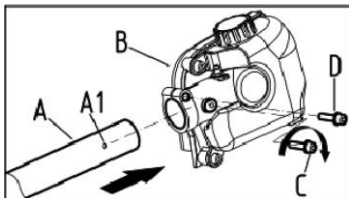


1. Align the rectangular hole (A2) on the attachment's front tube and the lock lever (C2).
2. Press down the lock lever while inserting the front tube into the connector (B2). Push the attachment tube to the end of the connector.
3. Release the lock lever, it will return to its original position automatically and insert the locking tab into the rectangular hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after

the lock pin is back to its original position.

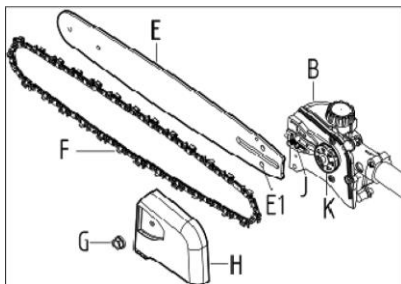
5. Turn the lock knob (D2) clockwise to tighten the attachment tube securely.

4. FITTING GUIDE BAR AND SAW CHAIN

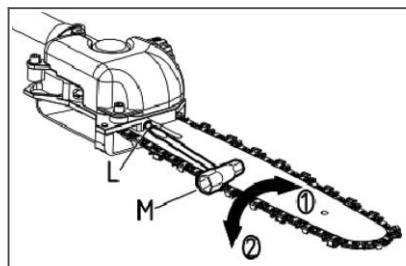


1. Fit the cutting head (B) on the shaft tube (A) so that the screw hole on the cutting head is aligned with the position hole (A1) on the shaft tube as shown. Then, insert and tighten the lock screw (D) and the position screw (C) securely.

Make sure that the drive shaft inside the shaft tube engages with the cut-out in the cutting head.



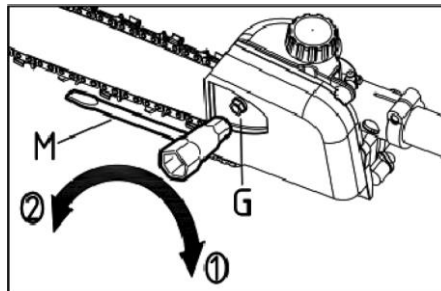
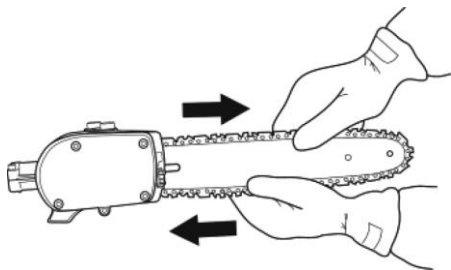
2. Unscrew the nut (G) and remove the chain cover (H). Fit the saw chain (F) around the guide bar (E). Fit the guide bar over the bar bolt. Place the guide bar in its rearmost position. Place the saw chain over the drive sprocket (K) and in the groove on the guide bar. Begin on the top side of the guide bar. 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 (J) in the hole (E1) 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.



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

1. Chain tension
2. Chain loosen

4. 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 (G) with the scrench / multi-tool (M).



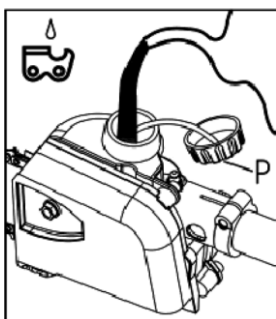
1.Tighten 2.Loosen

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.



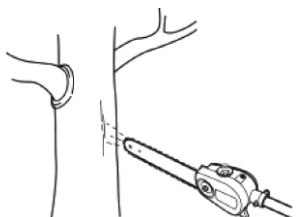
The special oil for lubricating the chain is biodegradable. Use of a mineral oil or engine oil causes serious damage to the environment. So only use special oil for this machine.

Never use waste oil! This is dangerous for yourself, the machine and the environment.

Chain oil must demonstrate good adhesion to the chain and also maintain its flow characteristics regardless of whether it is warm summer or cold winter weather.

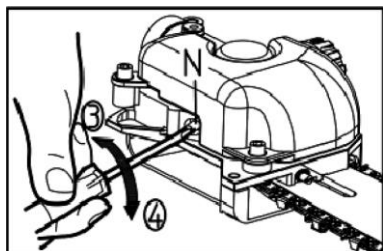
The oil pump is preset at the factory to meet most lubrication requirements. A full oil tank will run out as long as exhaust of a full tank of fuel, so fill oil tank completely every time you refuel fuel tank.

Tighten the oil tank cap (P) securely after every filling.



Checking chain lubrication

Aim the tip of the bar at a light coloured surface about 8 inches (20 cm) away. After 1 minute running at 3/4 throttle 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 Chain tension adjuster (N) counterclockwise to increase the oil flow. Remember that this will increase oil consumption. Turn the adjuster screw clockwise to decrease the oil flow.

3. Oil flow increase

4. Oil flow decrease

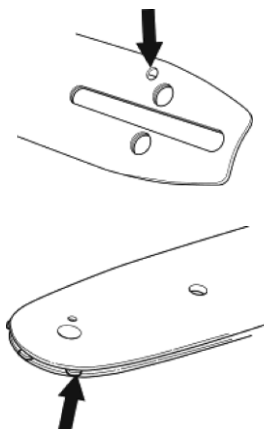
If lubrication does not work

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.

Regularly check the degree of wear on the drive sprocket. Replace if wear is excessive.



5. CUTTING EQUIPMENT

This section describes how you can achieve maximum clearing capacity and extend the life of the cutting attachment through correct maintenance and using the right type of cutting attachment.



Only use recommended cutting attachments, using non-approved cutting attachments can cause serious or fatal injury to the operator and damage to the machine.



Maintain the correct raker clearance! Follow our instructions and use the recommended raker gauge. Too large a clearance increases the risk of kickback.

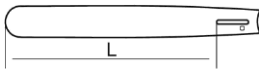


Keep the chain properly tensioned! If the chain is slack it is more likely to jump off and lead to increased wear on the bar, chain and drive sprocket.



Keep cutting equipment well lubricated and properly maintained! A poorly lubricated chain is more likely to break and lead to increased wear on the bar, chain and drive sprocket.

Specification of bar and saw chain



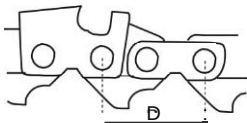
Bar length (inches/cm)



Number of teeth on bar tip sprocket (T). Small number = small tip radius = low risk of kickback.

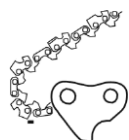


GUAGE: Bar groove width or Drive link width (inches/mm). The groove in the bar must match the width of the chain drive links.



Chain pitch (inches). The spacing between the drive links of the chain must match the spacing of the teeth on the bar tip sprocket and drive sprocket.

Pitch = $D/2$



Number of drive links. The number of drive links is determined by the length of the bar, the chain pitch and the number of teeth on the bar tip sprocket.

The table contains a list of all possible combinations between bar and chain, indicating those which may be used on each machine, marked with the symbol "

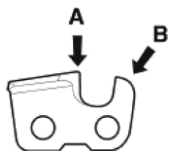
Pitch	Guide bar				Chain	
	Length Inches/cm	Groove width Inches/mm	Number of teeth	Code	Code	Number of drive links
3/8 inch	10 inches / 25cm	0.050 inches / 1.3mm	7	Oregon 100SDEA318	Oregon 91P040X	40

For replacement use only above bars and chains. If you use non-approved combinations it may cause serious personal injury and damage to the machine.

General information on sharpening cutting teeth

WARNING! Always stop the engine before doing any work on the cutting attachment. This continues to rotate even after the throttle has been released. Ensure that the cutting attachment has stopped completely and disconnect the HT lead from the spark plug before you start to work on it.

Never use a blunt chain. When the chain is blunt you have to exert more pressure to force the bar through the wood and the cuttings will be very small. If the chain is very blunt it will not produce any cuttings at all. Wood powder would be the only result.



The cutting part of the chain is called the cutting link and this consists of a cutting tooth (A) and the raker lip (B). The cutting depth is determined by the difference in height between the two.

Maintenance the saw chain as below sheet:

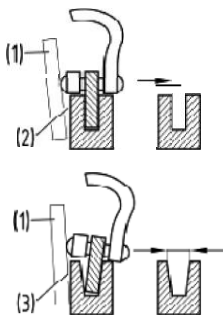
	File diameter	Top plate angle	Down angle	Head tilt angle (55°)	Depth gauge standard
Type of chain					
		Visa rotate angle	Visa TILT angle	Side angle	
91P	5/32 inch	30°	0°	80°	0.025 inch
Depth gauge				File	

Make sure every cutter has the same length and edge angles as illustrated.



File all the teeth to the same length. When the length of the cutting teeth is reduced to 4 mm (0.16") the chain is worn out and should be replaced.

Maintenance guide bar



- Reverse the bar occasionally to prevent partial wear.
 - The bar rail should always be a square. Check for wear of the bar rail. Apply a ruler to the bar and the outside of a cutter. If a gap is observed between them, the rail is normal. Otherwise, the bar rail is worn. Such a bar needs to be corrected or replaced.
- Whether there are burrs on the edges of the bar. Remove these with a file if necessary.
- Whether the tip of the bar is uneven or badly worn. If a hollow forms on the underside of the bar tip this is due to running with a slack chain.
- To prolong the life of the bar you should turn it over daily.
- (1) Ruler (2) Gap (3) No gap

6. PRUNING WITH A POLE SAW

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 slow the engine to idle speed after each working operation. Long periods at full throttle without any load on the engine can lead to serious engine damage.

Always work at full throttle.

Let the engine drop back to idle speed between each cut. Long periods at full throttle can cause serious damage to the centrifugal clutch.



Never stand directly underneath a branch that is being cut. This could lead to serious or even fatal personal injury.

Observe great care when working close to overhead power lines. Falling branches can result in short-circuiting.

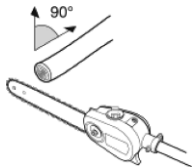


Observe the applicable safety regulations for work in the vicinity of overhead power lines.



This machine is not electrically insulated. If the machine touches or comes close to

high-voltage power lines it could lead to death or serious bodily injury. Electricity can jump from one point to another by arcing. The higher the voltage, the greater the distance electricity can jump. Electricity can also travel through branches and other objects, especially if they are wet. Always keep a distance of at least 30 feet (9 meters) between the machine and high-voltage power lines and/or any objects that are touching them. If have to work within this safe distance you should always contact the relevant power company to make sure the power is switched off before you start work.



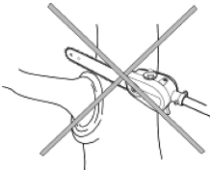
Whenever possible, position yourself so that you can make the cut at right angles to the branch.



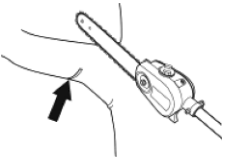
Do not work with the shaft held straight out in front of you (like a fishing rod) as this increases the apparent weight of the cutting attachment.



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 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.



Use the harness to support the weight of the machine and make it easier to handle.

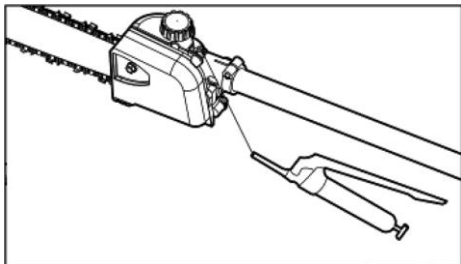
Make sure you have a firm footing and that you can work without being hampered by branches, stones and trees.

Transmission

The transmission is filled with the right quantity of grease at the factory. However, before using the machine you should

check that the previously named 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.



6. TECHNICAL DATA

Technical data	
Oil tank capacity, liter	4.6 oz. (0.135 liters)
Drive sprocket	7T X 3/8 inch
Pitch	3/8 inch
Gauge	0.05 inch
Cutting length	10 inch (250 mm)

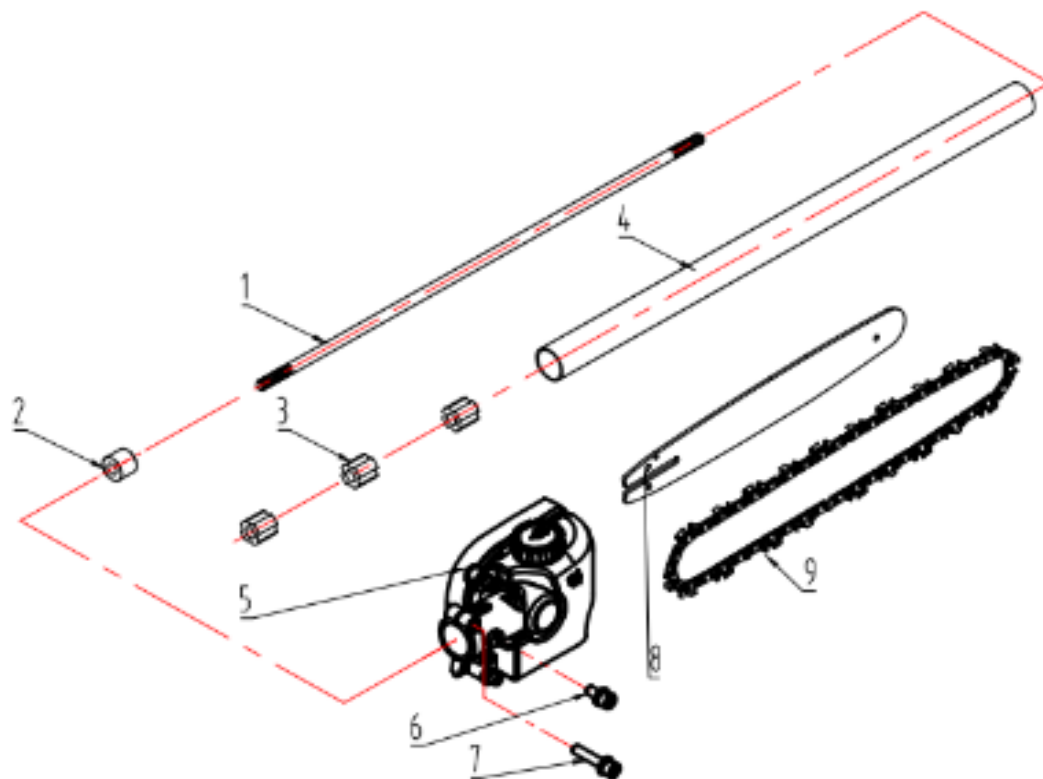
Parts List and Diagram

Part List

Number	Description	SAP Number	Quantity
1	DRIVER SHAFT	20054026	1
2	LIMIT SLEEVE	20070363	1
3	RUBBER SHAFT	20072574	3
4	FRONT AL TUBING	20088461	1
5	POLE PRUNER	20070179	1
6	SCREW M5x12	20061111	1
7	SCREW M5x25	20061082	1
8	SAW CHAIN	30001534	1
9	GUIDE BAR	30001374	1

Parts List and Diagram

Part List



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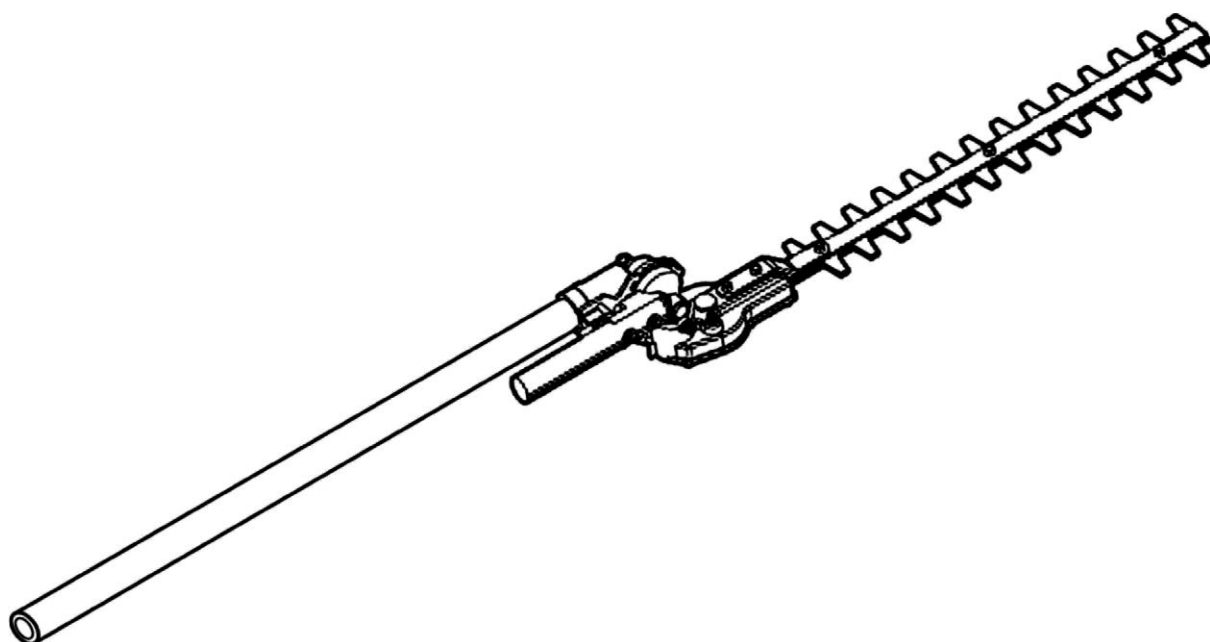
Zhejiang Zhongjian Technology Co., Ltd
Web: www.topsunpower.cc
E-mail: sales@topsunpower.cc
ADD: No.155 Mingyuan North AVE, Economic Development Zone,
Yongkang, Zhejiang, 321300, P.R.China
Made In China

PRORUN®

Hedge Trimmer Attachment

MODEL: PPA600

Operator's Manual



Everything PRORUN

Before operating, 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.

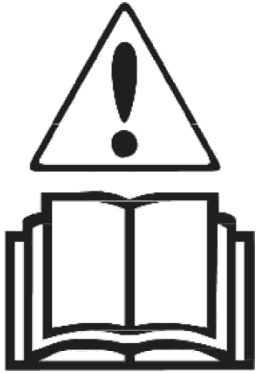
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Version: B - Issue Date: 2023/03/31

1. INFORMATION OF SYMBOLS

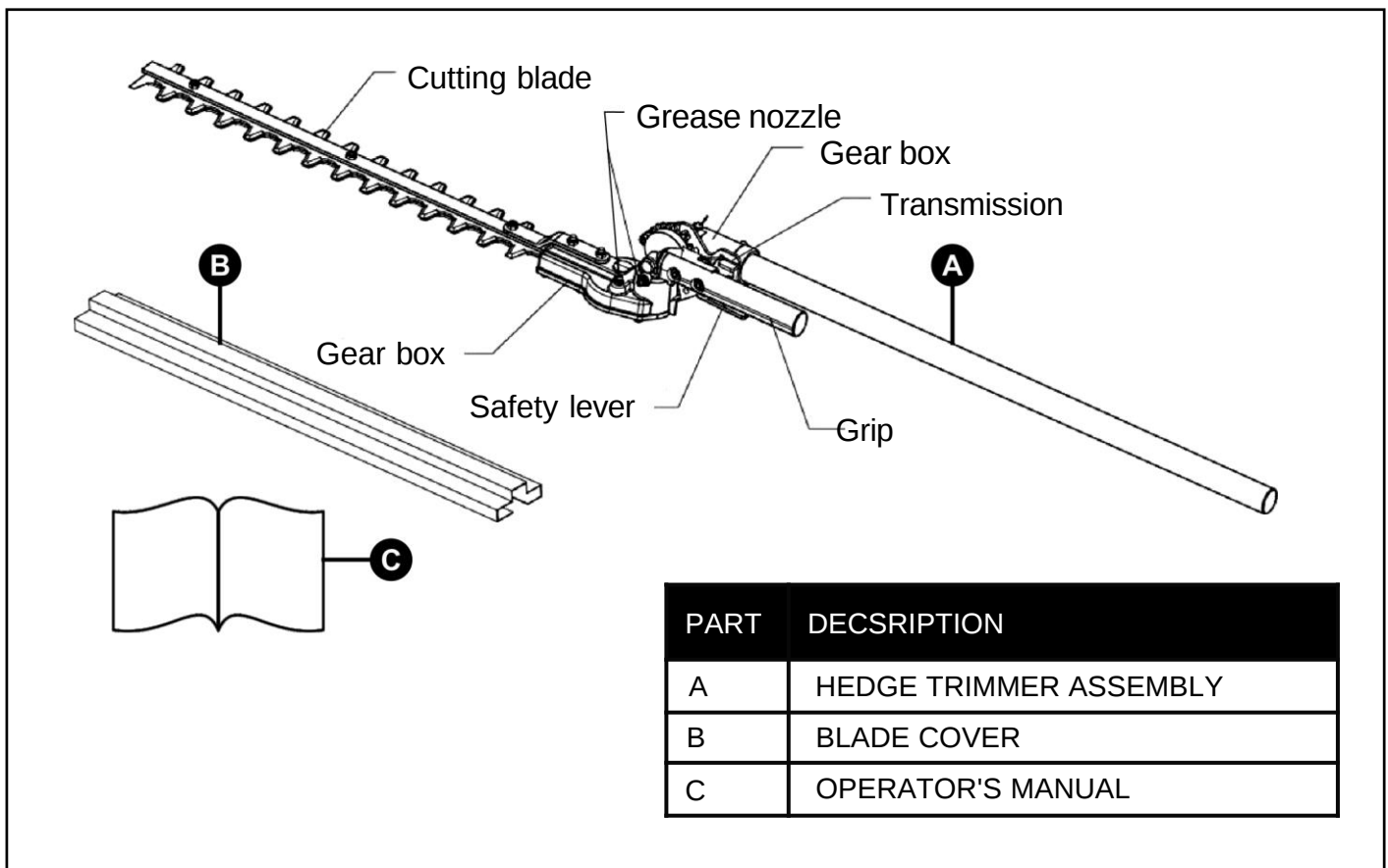


WARNING! The hedge trimmer can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this owner's manual.

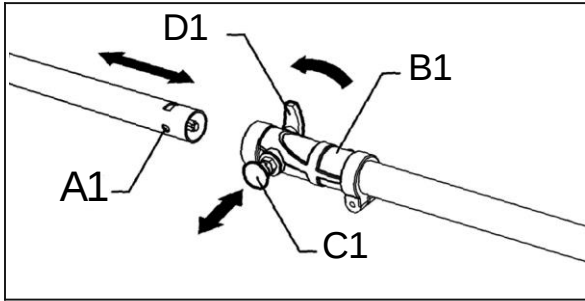
Please read the operator's manual carefully and make sure you understand the instructions before using the machine. Failure to do so can result in serious injury to the operator and/or bystanders.

2. IDENTIFICATION

Components and Controls



3. CONNECTING THE TUBE



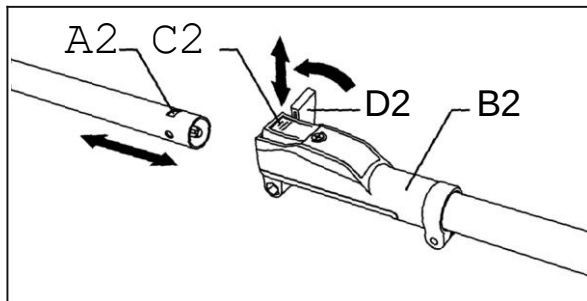
Connecting the attachment to the gas multi-tool powerhead

1. Align the round hole (A1) on the attachment's front tube and the lock pin (C1).
2. Pull the lock pin out while inserting the attachment tube into the connector (B1).

Push the attachment tube to the end until the lock pin aligns with the round hole.

3. Release the lock pin, it will return to its original position automatically and insert itself into the round hole on the attachment tube.
4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
5. Turn the lock knob (D1) clockwise to tighten the attachment tube securely.

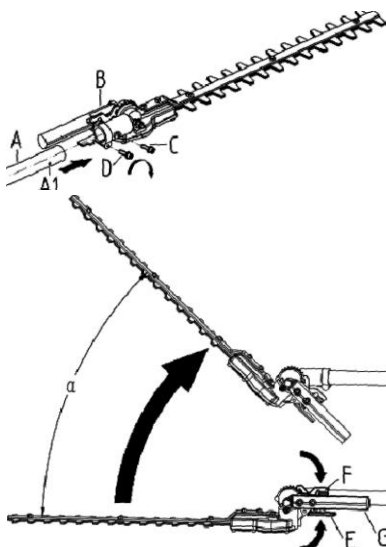
Connecting the attachment to the cordless multi-tool powerhead



1. Align the rectangular hole (A2) on the attachment's front tube and the lock lever (C2).
2. Press down the lock lever while inserting the front tube into the connector (B2). Push the attachment tube to the end of the connector.
3. Release the lock lever, it will return to its original position automatically and insert the locking tab into the rectangular hole on the attachment tube.

4. Make sure the attachment's tube cannot be rotated after the lock pin is back to its original position.
5. Turn the lock knob (D2) clockwise to tighten the attachment tube securely.

4. FITTING CUTTING HEAD



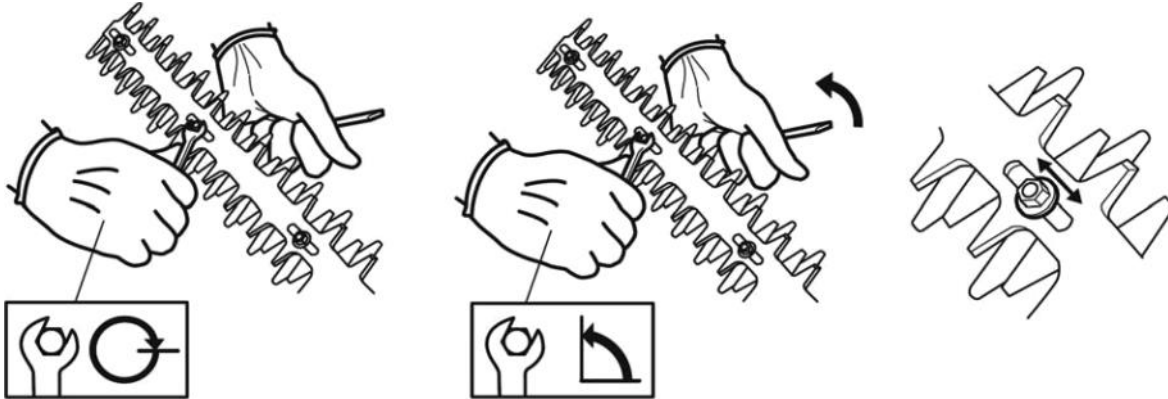
Fit the cutting head (B) on the shaft tube (A) so that the screw hole on the cutting head is aligned with the position hole (A1) on the shaft tube as shown. Then, tighten the lock screw (D) and the position screw (C) securely.

Changing the hedge trimmer angle

Press the safety lever (E). Then press the lock lever (F), at the same time hold the grip (G) and turn the cutting blade to a desired angle (α).

5. CUTTING EQUIPMENT

To ensure good cutting results it is important that the contact pressure between the blades is correct. The contact pressure is adjusted by turning the screws on the underside of the bar clockwise as far as they will go. Then turn the screws anticlockwise a 1/4 turn. Lock the screws using the locking nut on the top of the bar. Check that the screws are loose enough to allow the washers under the screw heads to slide sideways.

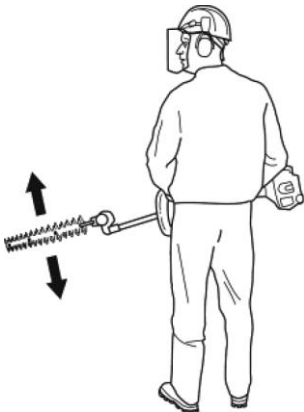


When the blades are correctly adjusted the play between the blades should be 0.008 - 0.016 inches (0.2 - 0.4 mm), measured at the screws.

The edges of the blades are too hard to be filed. Dull blades should be sharpened using a grinder. Replace the blades if they are bent or damaged.

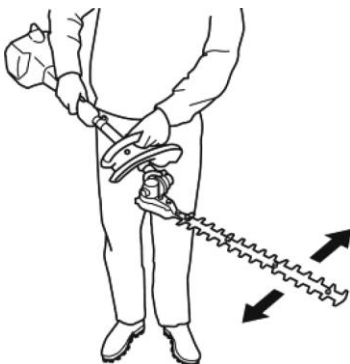
6. TRIMMING BRANCH OR LEAVES WITH LONG-REACH HEDGE TRIMMER

Work with a swinging action from the bottom upwards when trimming sides.



Always work at full throttle.

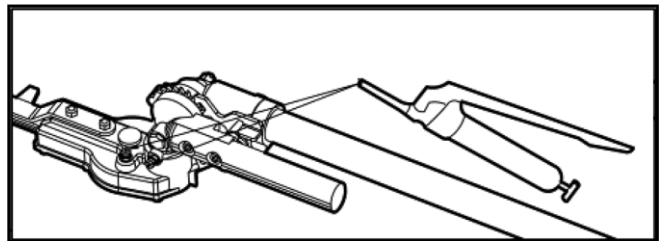
When trimming a hedge, the engine should always face away from the hedge.



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.

The gear box is filled with the right quantity of grease at the factory. However, before using the machine you should check that the previously named 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.



7. TECHNICAL DATA

Technical data	
Blade length, inches	18 inches (460 mm)
Cutting length, inches	15.35 inches (390 mm)

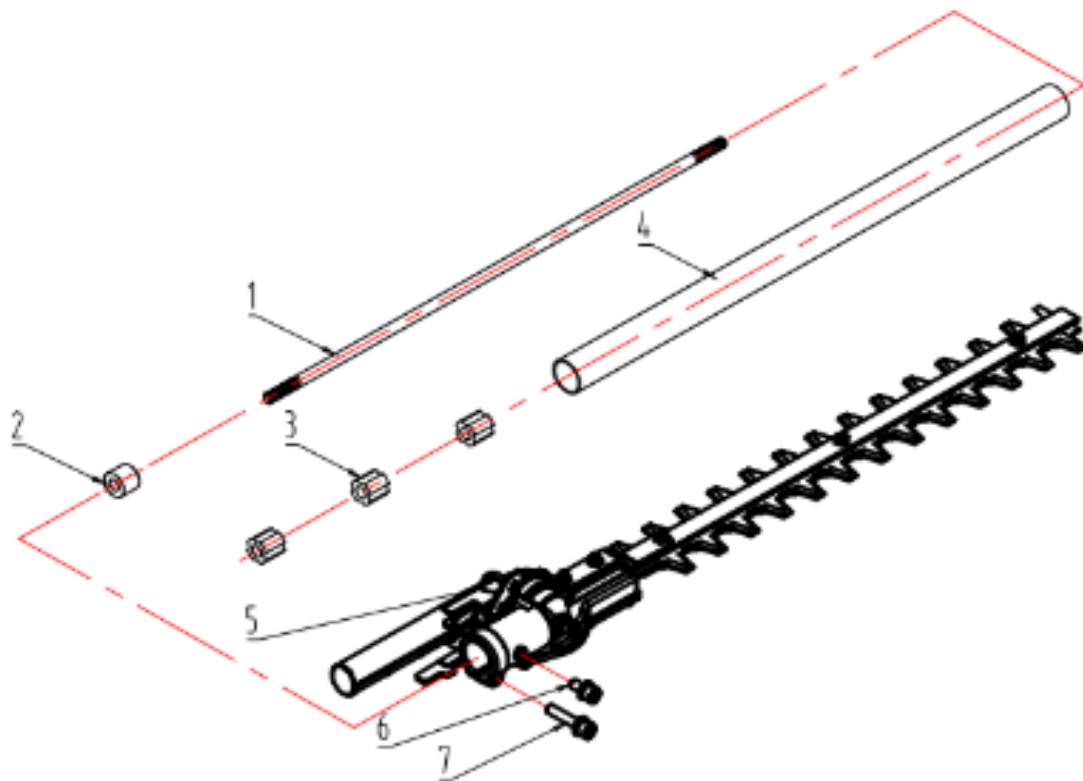
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Part List

Number	Description	SAP Number	Quantity
1	DRIVER SHAFT	20054026	1
2	LIMIT SLEEVE	20070363	1
3	RUBBER\ SHAFT	20072574	3
3-1	OIL-IMPREGNATED BEARINGS 14x14x8, COPPER-BASED	20059115	3
3-2		20070352	3
4	FRONT AL TUBING	20088461	1
5	LONG-REACH HEDGE TRIMMER	20070189	1
6	SCREW M5x12	20061111	1
7	SCREW M5x25	20061082	1

Parts List and Diagram

Part List



PRORUN regularly improves our products, and you may find slight differences between your machine and 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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Made In China

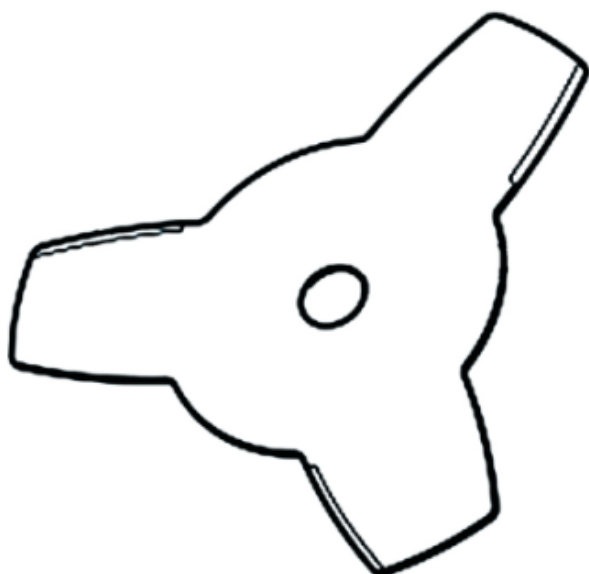
PRORUN[®]

GAS///

OPERATOR'S MANUAL

BUSHCUTTER BLADE

MODEL: PPA700



Before using, 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 User manual before using this product. Keep these instructions for future reference.

Please let us know what you think. To leave a comment and see our complete product line,

Visit:

PRORUNTOOLS.COM

★★★★★

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

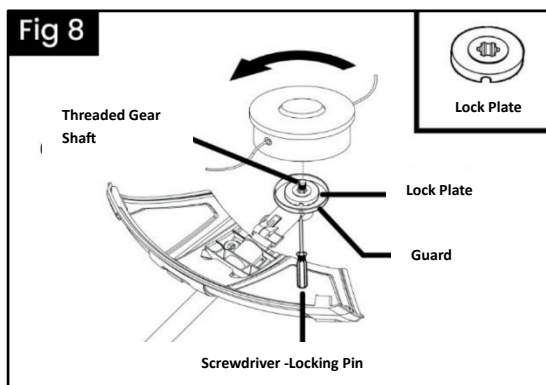
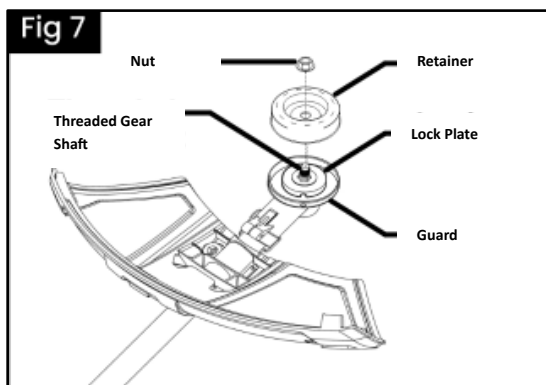
Version: A – Issue Date: 6/10/2025

INSTALLING THE TRIMMER HEAD

1. Remove the Nut and Retainer from the Threaded Gear Shaft. See Figure 7

NOTE Save the Retainer and Nut. They are required for the mounting of a brushcutter blade (not included).

2. Fit the Lock Plate on the Threaded Gear Shaft.
3. Rotate the Lock Plate and Threaded Gear Shaft until the hole on the Lock Plate aligns with the corresponding hole on the Guard.
4. Insert a locking pin or small screwdriver through the two holes to lock the Threaded Gear Shaft from rotating.
5. Screw on and tighten securely the Trimmer Head in a counterclockwise rotation. See Figure 8
6. Remove the locking pin or small screwdriver.



NOTE To disassemble the Trimmer Head, follow the preceding instructions in reverse order.

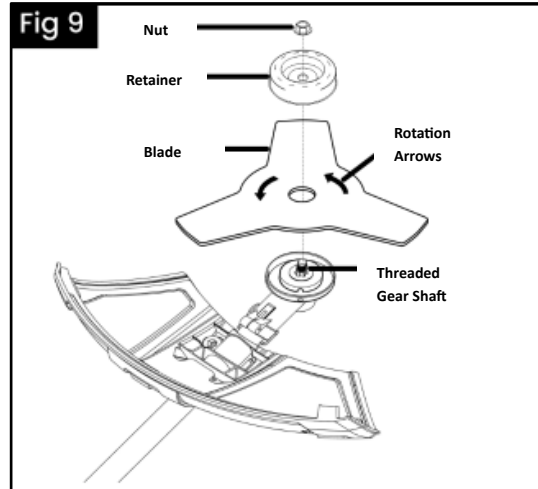
INSTALLING THE BUSHCUTTER BLADE (NOT INCLUDED)

NOTE The PSST217 Attachment can be equipped with a approved brush cutter blade (not included). Contact PRORUN Customer Service for additional details.

NOTE If required, remove the Trimmer Head by following the preceding instructions in reverse order.

1. Fit the Lock Plate on the Threaded Gear Shaft.
2. Rotate the Lock Plate and Threaded Gear Shaft until the hole on the Lock Plate aligns with the corresponding hole on the Guard.
3. Insert a locking pin or small screwdriver through the two holes to lock the Threaded Gear Shaft from rotating. See Figure 8
4. Place the Brushcutter Blade onto the Lock Plate and center. See Figure 9

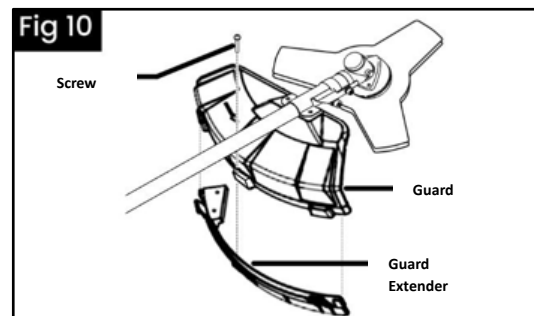
CAUTION! Only place the Brushcutter Blade with the Rotation Arrows facing up and pointing in the direction of the Threaded Gear Shaft's rotation (counterclockwise).



5. Place the Retainer and Nut onto the Threaded Gear Shaft and tighten securely. Nut attached with a counterclockwise rotation.
6. Remove the locking pin or small screwdriver.

CAUTION! Always remove the Guard Extension when using a Brush cutter Blade.

7. Remove the retaining screw and Guard Extension from the Guard before using a Brush cutter Blade. See Figure 10



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