



# BU-KO *Power*



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## LONG-REACH PRUNER SAW AND HEDGE TRIMMER



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# BU-KO

## *Power*



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**BU-KO power has produced this manual for the purpose of guiding the users on how to operate, maintain, and troubleshoot the product. It is essential to keep this manual with the product as it contains an overall description and all the necessary information to ensure the correct and safe usage of the product.**

**Prior to any operation or maintenance, it is highly recommended that the manual is read thoroughly, especially the safety precautions and warnings which are designed to protect the user and prevent any harm or damage to the product. The manual also includes photographs and drawings supplied by BU-KO power to assist the users. While the information contained in the manual was accurate at the time of production, BU-KO power may modify the product without prior notification.**

# **LONG-REACH CHAINSAW/ HEDGE TRIMMER**



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-  **Caution!** Ensure that individuals who have not fully comprehended the instructions provided in the manual, particularly children, are not permitted to operate the machine.
-  **It is crucial to wear safety equipment, such as suitable footwear, eye protection, ear protection, head protection, trousers, and gloves, at all times.**
-  **Avoid wearing loose clothing, jewelry, shorts, or sandals or being barefoot while using the equipment.**
-  **Under no circumstances should you start the engine in an enclosed room or structure.**
-  **Avoid using the product at nighttime, during slippery ground conditions, and when there are strong winds, rainstorms, and lightning storms. Do not use the engine within a 3-meter of the fueling point.**
-  **Before mixing and pouring fuel, eliminate all potential sources of sparks and flames.**
-  **While the equipment is in operation, ensure that no one is within a 15-meter of the product.**
-  **Examine the entire unit for loose fasteners and fuel leaks, and ensure the cutting attachment is in the correct installation.**
-  **Before starting cutting, ensure that you have a well-defined cutting area and secure footing.**
-  **Use the provided harness at all times while using the equipment.**
-  **Smoking is not allowed while operating the unit or refilling its fuel tank.**
-  **Make sure at all times to keep the handles dry, clean, and free of oil and fuel mixture. Turn off the engine before placing the equipment down. Ensure to remove all fuel before transportation.**
-  **Only professionally trained and certified personnel should perform maintenance tasks other than those specified in this manual.**

 Symbols that indicate safe operation and maintenance are molded on the equipment or displayed on a label.



**CAUTION -**  
The user must review the instruction manual to mitigate the risk of harm.



Fuel filler point



**HEAD, EYE, & EAR SAFETY EQUIPMENT -**  
Wear at all times approved head, eye, and ear protection during the operation.



The direction to close the choke



**SAFETY GLOVES -**  
Wear gloves as necessary.



The direction to open the choke



**SAFETY BOOTS -**  
Wear durable and slip-resistant boots.



Chain oil adjustment screw



**SAFETY CLOTHING -**  
Put on suitable clothing during operation, ensuring that it is made of sturdy fabric and is not loose or baggy.



ON/OFF SWITCH



**CAUTION!**  
The user must review the instruction manual to mitigate the risk of harm.



**WARNING!**  
Avoid smoking or naked light. Petroleum spirit is highly flammable.



**DANGER!**  
Keep clear of anything that could potentially ignite or cause a fire.



**FLAMMABLE**



This symbol, before a safety instruction, indicates a **PRECAUTION, WARNING, or DANGER**. Failure to follow these instructions can result in accidents and harm to yourself or others. Always adhere to the recommended safety measures to minimize the risk of injury, fire, or electric shock.



**FIRE RISK**  
Avoid adding fuel while the equipment is in operation.



**EXPLOSION HAZARD**



Fuel/2-stroke oil mixture ratio.



Ensure that no children, bystanders, or helpers are within a 15-meter of the machine.



**KEEP BYSTANDERS AWAY**



**BEWARE OF THROWN OBJECTS**



**WARNING!**  
Risk of kickback.



**WARNING!**  
Do not operate the power tools within a 50ft (15M) distance of wires or power cables.



**BEWARE OF SHARP BLADES**



Avoid touching the machine's moving parts until they are at a complete stop.



There is a risk of injury. Never remove safety shields or open them while the engine is running.



**DANGER!**  
The cutting line spins rapidly and can cause injury.



**WARNING!**  
Risk of entanglement.



**CAUTION!**  
Protect your feet against the possibility of injury.



Fingers or palms may get burned by hot surfaces.



Detach the spark plug lead before performing maintenance.



**DANGER!**  
Do not touch the spark plug or plug the cord while the engine is running. It could lead to electric shock.



**DANGER!**  
Avoid using the Multi Tool in a confined area since the exhaust fumes carry hazardous carbon monoxide.



**CAUTION!**  
This product may be harmful to wildlife. Inspect the area before use, especially in long grass or under bushes, and relocate any animals if needed to ensure their safety. **NOTE:** The noise produced by the product alone may not deter all animals.



Maximum speed at which the cutting unit can operate.



**WARNING!**  
Do not use aspen fuel.



Do not dispose of electrical product waste with regular household waste. Recycle whenever possible by checking with your local authority or retailer for recycling facilities and other information.



In compliance with the current safety standards



Guaranteed sound power level

## **i IMPORTANT**

- Read this manual thoroughly until you completely understand and can comply with all safety and operational guidelines provided.
- Make sure to keep this manual within reach so you can refer to it in case of any future queries. Additionally, please be advised that if you have any unaddressed questions in this manual, you may contact [www.bu-ko.online](http://www.bu-ko.online) for further assistance.
- Ensure that you include this manual when you sell, lend, or transfer ownership of this product in any way.
- Do not permit children or individuals incapable of fully understanding the instructions in the manual to operate the machine.

## **i WORKING PLAN**

- Do not use this product while under the influence of alcohol, feeling exhausted or sleep-deprived, experiencing drowsiness due to cold medicine, or in any other situation where your judgment may be impaired, or you may be incapable of using the product safely and correctly.
- When scheduling your work, ensure that you allocate sufficient time for rest. Restrict the continuous usage of the product to approximately 30-40 minutes per session, with 10-20 minutes of rest in between. Additionally, endeavor to limit the total work performed in a single day to under 2 hours.
- Failure to adhere to the recommended working time or manner could result in repetitive strain injury.
- In the event that you experience discomfort, redness, or swelling in your fingers or any other part of your body, seek medical attention before the condition worsens.
- To prevent noise-related complaints, operate the product strictly between 9am and 5pm.

## **i WORKING CIRCUMSTANCE**

- Never start the engine in an enclosed space or building due to the present carbon monoxide in the exhaust gasses, which can be hazardous to your health.
- Avoid using the product
  - when the ground is slippery or when it is difficult to maintain a stable posture.
  - during nighttime, heavy fog, or any other instances when your visibility of the work area may be restricted and it becomes challenging to obtain a clear view.
  - during rainstorms, lightning storms, strong gale-force winds, or any other period when weather conditions may pose a risk to the safe use of the product.

## **i BEFORE STARTING THE ENGINE**

- The area within a 15m perimeter of the individual using the product must be considered a danger zone that nobody should enter. Cautionary measures like yellow warning ropes and warning signs should be positioned around if necessary. When work is performed simultaneously by two or more individuals, it is essential to be vigilant and regularly scan the surroundings to check for other workers' presence and locations to ensure a maintained safe distance between each individual.
- Inspect the working area to prevent accidents caused by hidden obstacles such as stumps, stones, cans, or broken glass.
- Thoroughly examine the entire unit for any loose fasteners and fuel leakage. Ensure that the cutting attachment is appropriately mounted and tightly secured.
- Before starting the engine, ensure that the cutting attachment guard is firmly fastened in place. Adjust the harness to ensure that the left hand is kept away from the cutting attachment to avoid injury.
- Always utilize the harness and adjust it for comfort prior to use. Ensure that the harness is adjusted so that the handlebar grip can be held at approximately waist height in a comfortable position.

## **i STARTING THE ENGINE**

- Maintain a safe distance of at least 15 meters (50 feet) between bystanders, animals, and the operating point. In case of approach, stop the engine immediately.
- The product is designed with a centrifugal clutch mechanism that causes the cutting attachment to rotate once the engine is started by placing the throttle trigger into the start position. When starting the engine, place the product on a flat, clear area on the ground and hold it firmly in place to prevent the cutting attachment from accidentally hitting an obstacle when the engine starts.
- After starting the engine, ensure that the cutting attachment stops rotating when the throttle trigger is returned to its original position. If the cutting attachment continues to rotate even after releasing the throttle trigger, turn off the engine and contact [www.bu-ko.online](http://www.bu-ko.online) for assistance.

## USING THE PRODUCT

- Hold the handles with a firm grip using your entire hand and ensure both hands are in contact. Position your feet slightly apart, more than shoulder-width, to distribute your weight evenly across both legs. It is important to maintain a stable and balanced posture while working.
- Always make sure to keep the cutting attachment below your waist level.
- Always maintain the engine speed required for cutting work and avoid increasing it beyond what is necessary.
- If you notice any shaking or vibration of the unit during use, turn off the engine immediately and inspect the entire unit for any issues. Do not resume use until the problem has been identified and fixed properly.
- To avoid injury, ensure that no part of your body comes in contact with the rotating cutting attachment or hot surfaces.
- Avoid touching the muffler, spark plug, or any other metal parts of the engine while it is running or right after it has been turned off, as this could lead to severe burns or electric shock.

## BE CAREFUL OF SURROUNDING PEOPLE

- Always be vigilant and cautious to avoid hazardous situations. Inform adults to keep children and pets away from the operating area. Be extra cautious if someone approaches you, as flying debris can cause injuries.

## MAINTENANCE

- Regularly carry out the maintenance and inspection tasks as instructed in the manual to ensure the product remains in good working condition.
- Ensure to turn off the engine before conducting any maintenance or inspection procedures.
- In case any part needs to be replaced or if any maintenance or repair work needs to be performed that is not described in this manual, contact [www.bu-ko.online](http://www.bu-ko.online).
- Never disassemble or modify the product as it may lead to operational damage or malfunction.

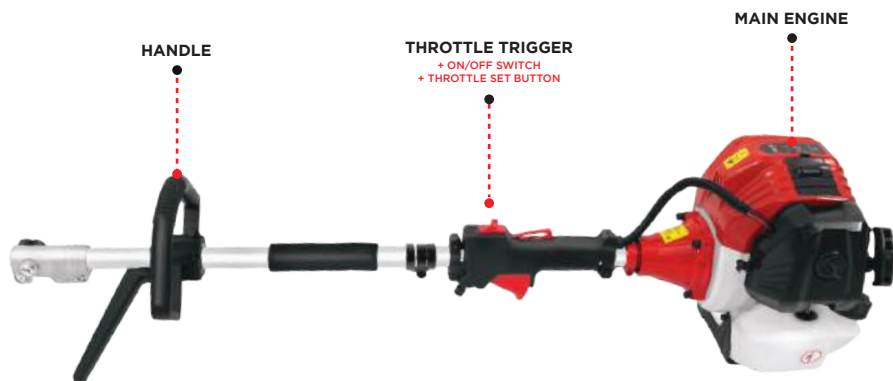
## HANDLING FUEL

- Do not store fuel cans or refill the product's tank in areas with potential heat or fire sources, such as boilers, stoves, wood fires, electrical sparks, welding sparks, or any other sources. The engine of our product is intended to run on a mixed fuel that contains highly flammable petrol.
- Do not smoke while using the product or refilling its fuel tank.
- Before refueling the tank, turn off the engine and allow it to cool down. Make sure that there are no sparks or open flames in the surrounding area before refueling.
- If any fuel spills during refueling, use a dry rag to completely wipe it up.
- Once refueling is completed, securely tighten the fuel cap onto the fuel tank. Move the product to a location that is at least 3 meters away from the refueling area before starting the engine.

## TRANSPORTATION

- When carrying the product by hand, ensure that the cutting attachment is covered if necessary. Lift the product carefully and pay attention to the cutting attachment while carrying it.
- To avoid fuel leakage during transportation, always remove all fuel from the tank before transporting the product over rough roads or long distances by vehicle.





**LONG REACH CHAINSAW ATTACHMENT**



**LONG REACH HEDGE TRIMMER**



**EXTENSION POLE**



**SAFETY EQUIPMENT INCLUDES:**



**DOUBLE  
SHOULDER  
HARNESS**



**CHAINSAW  
CHAIN**



**SAFETY WORK  
GLOVES**



**FUNNEL**



**FUEL  
MIX-BOTTLE**



**EAR  
DEFENDERS**



**SAFETY  
GLASSES**



● MAIN ENGINE



● THROTTLE TRIGGER  
+ ON/OFF SWITCH  
+ THROTTLE SET BUTTON



● LOOP  
HANDLE



● HARNESS POINT



● SPLIT SHAFT  
CONNECTOR JOINT



● CHOKE



● FUEL CAP



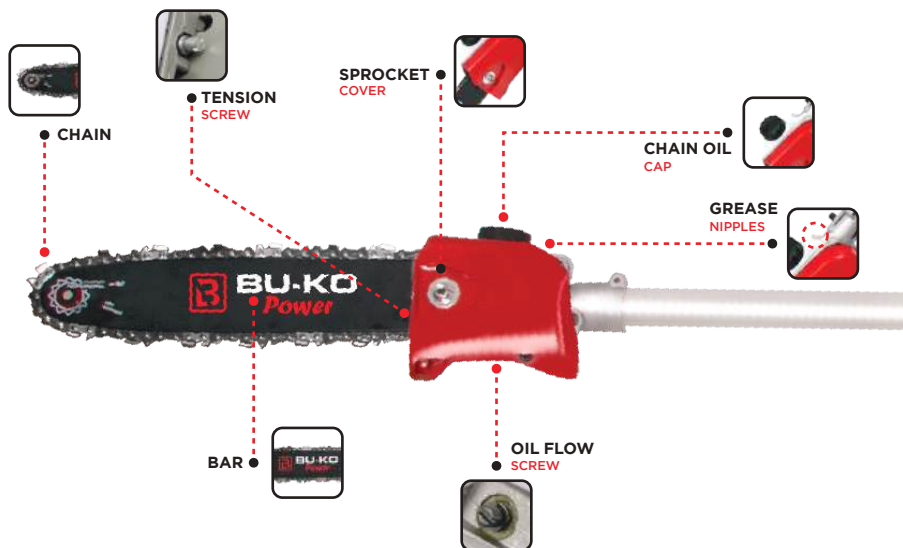
● COIL PLUG



● EXHAUST

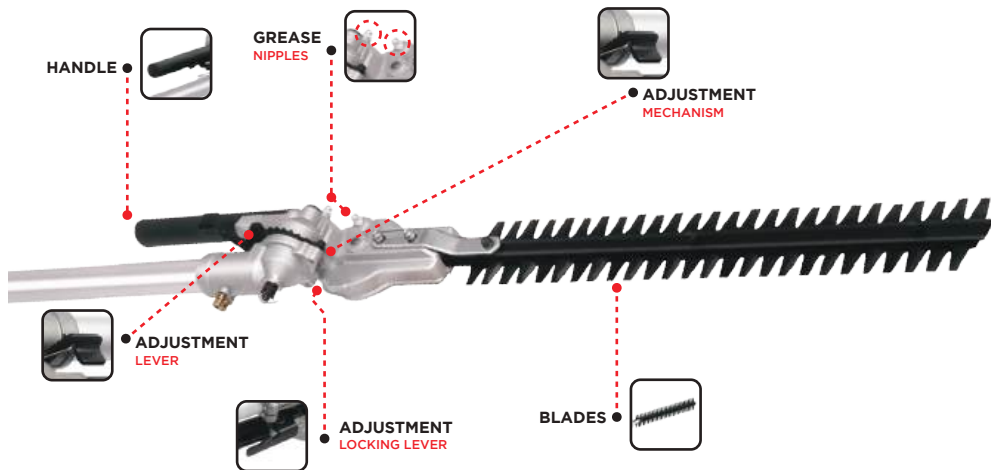


● RECOIL



**EXTENSION POLE**

LENGTH: (75CM)





## EXAMINE THE LONG-REACH CHAINSAW/HEDGE TRIMMER

Before using the long-reach chainsaw/hedge trimmer, assess the potential risks in accordance with the laws of the country where it will be used. Ensure that the long-reach chainsaw/hedge trimmer is in good working condition and that all components are undamaged by conducting regular periodic inspections. It is important to verify that the chainsaw/hedge trimmer is appropriate for the task at hand.

## NOTICE



THIS FUEL NEEDS TO BE  
BLENDED WITH SEMI SYNTHETIC  
2 STROKE OIL AT A 25:1 RATIO  
(PETROL:OIL)

## HOW TO MIX OIL

All BU-KO petrol-powered equipment uses a 25:1 petrol and oil mixture. The 25 to 1 mix chart below can help you figure out the correct measurements to use as well as fuel and oil level lines on the canister.

Pour the petrol into the canister first and then add the semi synthetic 2 stroke oil. Close the canister and shake it vigorously by hand to ensure proper mixing of the oil with the fuel.

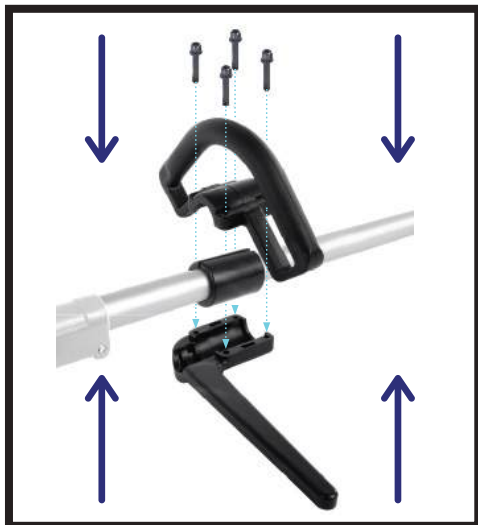
Always position the machine so that the cap points upward.

- ⚠ **NOTE:** The long-reach chainsaw/hedge trimmer does not come with any fuel or oil within the engine, except for a small residue left from the testing process.
- ⚠ **NOTE:** It is required to mix the fuel for this equipment with semi synthetic 2 stroke oil 40 milliliters of oil for 1 liters of petrol at 25:1 (Petrol:Oil).
- ⚠ **WARNING!** Add the fuel mixture 40 milliliters of oil for 1 liters of petrol at 25:1 (Petrol:Oil) before starting the engine. Attempting to start the engine without adding the fuel mixture may lead to engine damage and should be avoided.
- ⚠ **WARNING!** Do not use aspen fuel.

## ASSEMBLY

# 1

### HANDLE ASSEMBLY



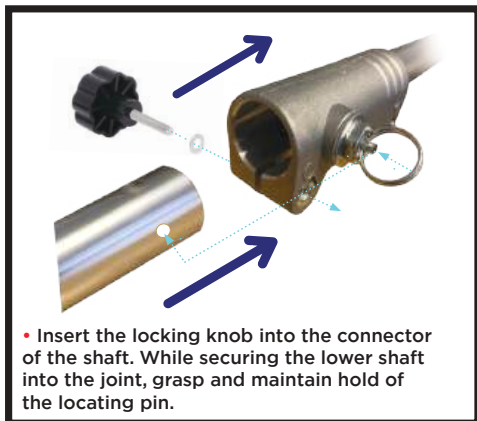
# 2

### POSITIONING HANDLE ASSEMBLY

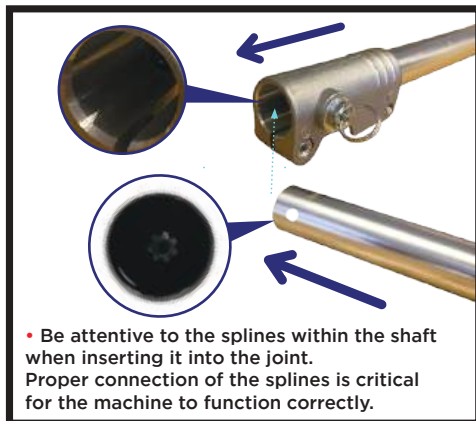


- The handle assembly comprises of three components, including the upper handle, shaft damper, and lower handle.
- Use the 4x allen bolts and nuts provided within the multi-tool box to secure the handle onto the shaft connected to the engine, ensuring that it is positioned in a manner that is most comfortable for the user.

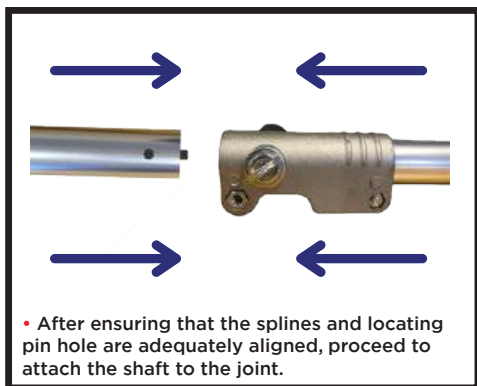
### 3 SHAFT TO JOINT ASSEMBLY



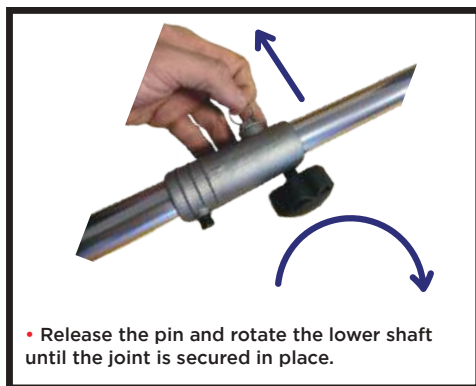
### 4 ALIGN THE SPLINES



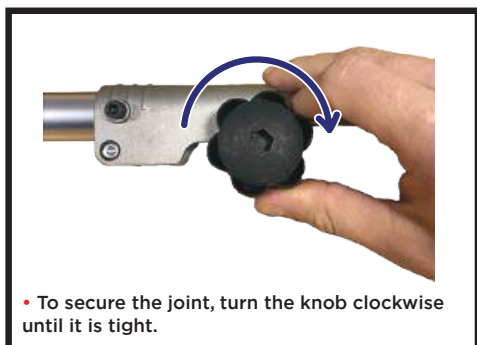
### 5 JOIN THE SHAFTS



### 6 RELEASE LOCATING PIN

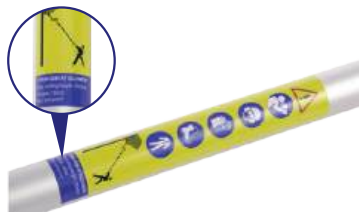


### 7 TIGHTEN KNOB



- ⚠ **WARNING!** Before use, ensure that attachments are correctly in place and sufficiently tightened.
- ⚠ **NOTE:** You can follow the same process when attaching the chainsaw/hedge trimmer and extension pole attachments.
- ⚠ **NOTE:** Take special care in aligning the splines within the shaft.
- ⚠ Failing to connect the splines correctly can cause the machine to operate improperly or not at all as intended.

# 1 CHAINSAW POLE



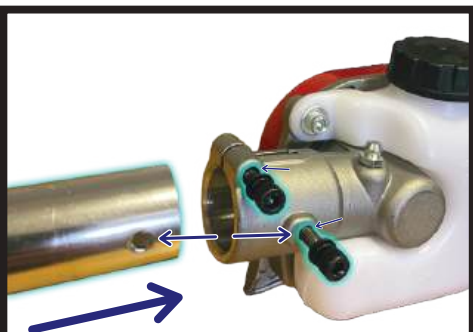
- Identify the Chainsaw attachment pole by looking for the identification sticker, and locate it. Take off the red shaft protector from the bottom of the Chainsaw Attachment pole.

# 2 HEDGE TRIMMER POLE



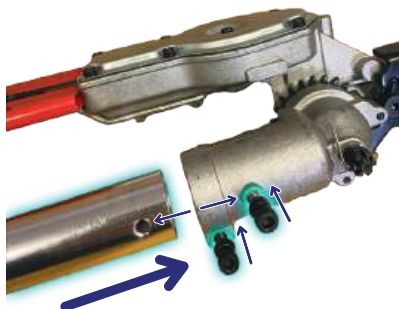
- Identify Hedge Trimmer attachment pole by looking for the identification sticker, and locate it. Take off the red shaft protector from the bottom of the Hedge Trimmer attachment pole.

# 3 INSERT CHAINSAW HEAD TO POLE



- Insert the pole into the attachment. The short allen bolt should be inserted through the attachment housing and into the locator hole on the side of the attachment pole. The attachment is secured to the pole using the long allen bolt.

# 4 INSERT HEDGE TRIMMER HEAD TO POLE



- Insert the pole into the attachment. The short allen bolt should be inserted through the attachment housing and into the locator hole on the side of the attachment pole. The attachment is secured to the pole using the long allen bolt.

# 5 ATTACH TO THE MACHINE



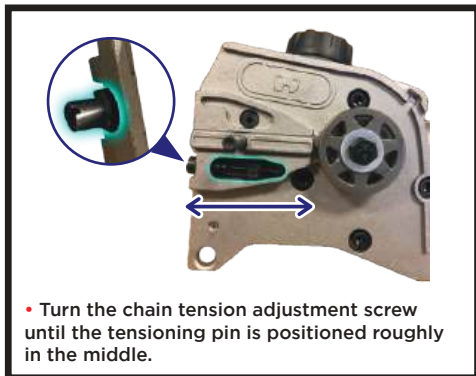
- Attach the pole with cutting head to the machine (Follow steps 5, 6 & 7 within "Assembly" on how to attach to the machine.)

- NOTE:** Always use the appropriate shaft when attaching the chainsaw/hedge trimmer cutting head to the machine.
- CAUTION:** Using the appropriate shaft for the cutting heads is crucial for the proper operation of the machine.

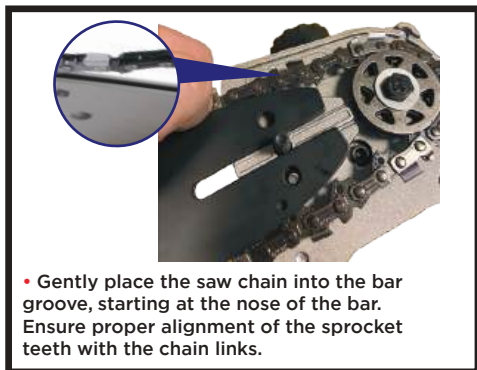
# 1 TAKE SPROCKET COVER OFF



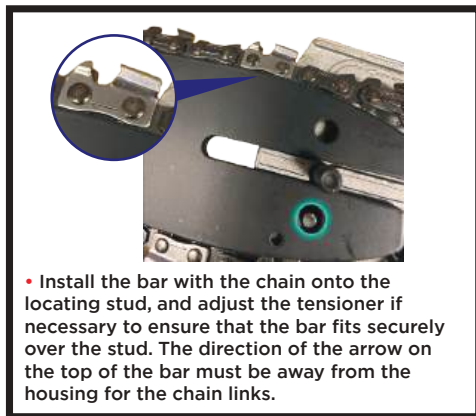
# 2 TENSION SCREW ADJUSTMENT



# 3 FITTING THE CHAIN CAREFULLY



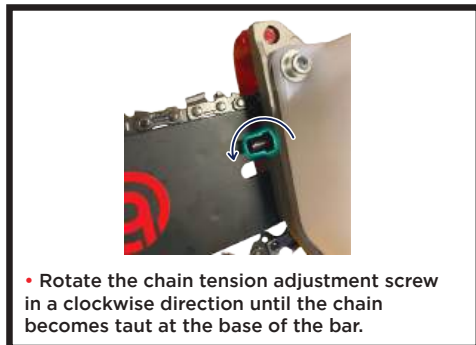
# 4 GUIDE BAR & FIT CHAIN



# 5 CHANGE THE SPROCKET COVER



# 6 CHAIN TENSION ADJUSTMENT



## 7 EXAMINE THE CHAIN TENSION



## 8 FIRMLY SPROCKET COVER



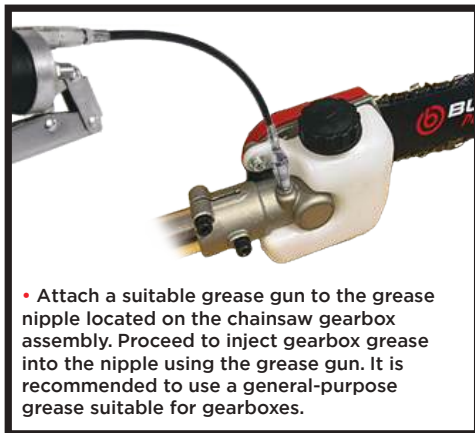
- NOTE:** Examine and modify the chain frequently until the initial stretching has been eliminated.
- WARNING:** Exercise caution while handling the chain due to its sharpness. Employ suitable safety gloves to prevent any injury.
- NOTE:** As the chain wears out, its cutting ability will diminish. Sharpen or replace it with an identical chain.

## CHAINSAW GEARBOX LUBRICATION

### 1 CHAINSAW NIPPLES GREASE



### 2 APPLY GREASE TO CHAINSAW



- WARNING!** Utilize a suitable gearbox grease to avoid potential unit failure. Neglecting to do so may result in equipment malfunction.
- NOTE:** To prevent equipment failure, ensure the gearbox is regularly lubricated, either by applying grease every 25 hours of use or following manufacturer's guidelines. Insufficient lubrication can lead to the malfunction of the unit.



# 1 BU-KO CHAIN OIL



- To ensure optimal performance, it is necessary to maintain a constant oil flow to the bar and chain. The oil functions as a lubricant for the chain, which encircles the bar, preventing excessive heat buildup and seizure.

# 2 TAKE OFF OIL CAP



- Rotate the oil reservoir cap counterclockwise to detach it.

# 3 FILL WITH BU-KO CHAIN OIL



- Pour chain oil into the reservoir using a suitable funnel to avoid spills and facilitate the process. Using any other new or used oil is not recommended. Chain oil is specially formulated for this purpose and is environmentally safe.

# 4 CHANGE THE OIL CAP



- Securely fasten the oil reservoir cap by turning it clockwise. Inspect the chain oil flow by observing how much oil is ejected from the bar's tip when the throttle is fully engaged onto a clean white paper. The ideal amount is a fine mist of oil sprayed onto the paper. If the amount appears insufficient or excessive, make necessary adjustments.

# 5 CHANGE OIL FLOW



- While the engine is not running, use a counter clockwise turn to increase or a clockwise turn to decrease the oil flow adjustment screw. Start the engine and test the flow. Once an adequate amount is being emitted from the tip, the adjustment process is concluded. A reservoir full of chain oil will run dry long before the engine runs out of fuel. Periodically check the oil level during operation and refill the reservoir before it becomes completely empty.

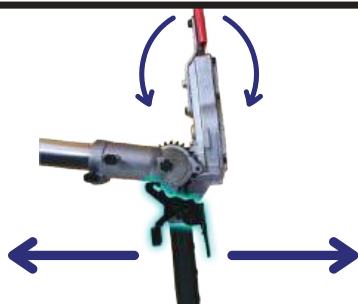
- ⚠ **CAUTION:** Extended contact with oil can be hazardous, so it is crucial to wash your hands thoroughly after handling it.
- ⚠ **NOTE:** Put on protective gloves whenever handling any type of oil.

**1** RAISE THE LOCKING LEVER

- While the engine is not running, grasp the adjustment handle and use your index finger to lift the locking lever for the angle adjustment, and maintain its position.

**2** LEVER FOR ANGLE ADJUSTMENT

- While keeping a firm grip on the angle adjustment locking lever, utilize your thumb to push down on the angle adjustment lever and set the cutting head to an appropriate angle.

**3** POSITIONING AND SECURING

- Once the cutting head is adjusted to the required angle, release the levers to lock the cutting head into position.

**⚠ WARNING!** Hedge Trimmer adjustment handle comprises of moving components that can result in harm if not utilized properly.

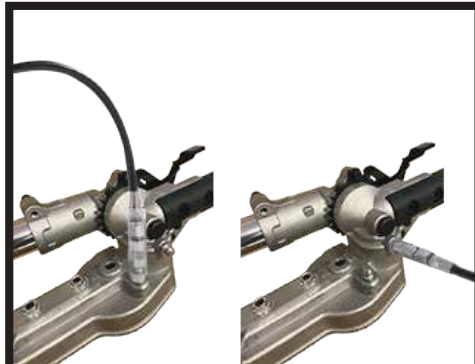
**⚠ NOTE:** Always exercise caution and wear protective safety gloves while handling moving parts to reduce the risk of injury.

# 1 GREASE HEDGE TRIMMER NIPPLES



- The internal components of the Hedge Trimmer gearbox undergo significant strain during operation and therefore, it is imperative to maintain proper lubrication at all times. The hedge trimmer comes pregreased, after 40 hours of usage you will need to grease the gearbox.

# 2 APPLY GREASE TO HEDGE TRIMMER

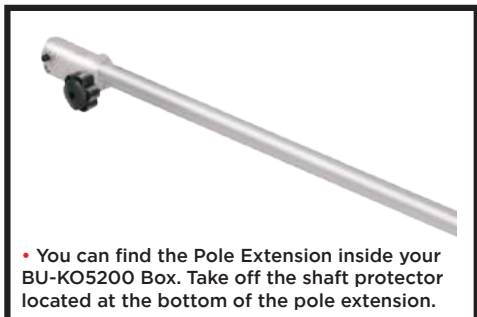


- Attach a suitable grease gun to the grease nipples located on the gearbox assembly. Proceed to pump the gearbox grease into the nipples using the grease gun, and make sure to use a general-purpose gearbox grease.

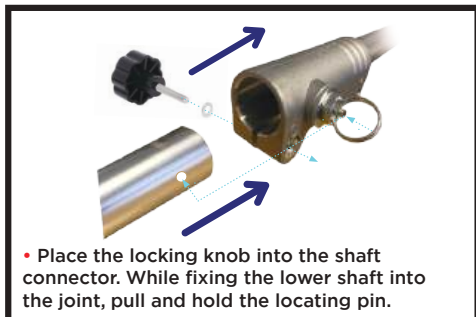
**⚠ WARNING!** It is crucial to utilize a suitable gearbox grease to prevent the risk of unit failure. Ensure that you select the appropriate type of grease for the gearbox.

**⚠ NOTE:** Always maintain the lubrication of the gearbox.

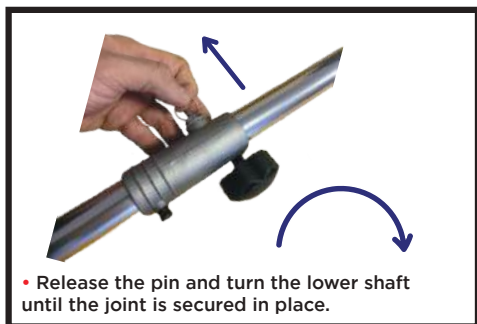
# 1

**INSTALL THE POLE EXTENSION**


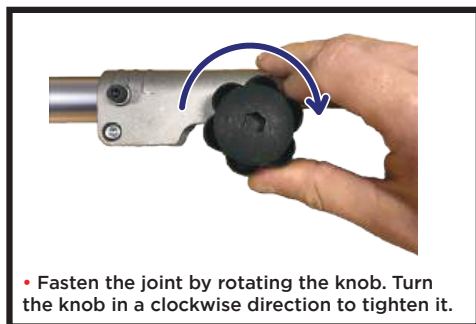
# 2

**JOIN THE SHAFTS**


# 3

**RELEASE LOCATING PIN**


# 4

**TIGHTEN KNOB**


# 5

**FIT ATTACHMENT**


- DANGER!** This power tool is not electrically insulated to prevent electric shocks. To decrease the possibility of electrocution, refrain from using this power tool near any wires or cables (power, etc.) that are carrying electric current.
- DANGER!** Electricity has the ability to arc between two points, and the distance that it can arc can be increased by higher voltages. Additionally, branches can conduct electrical current, particularly if they are wet.
- DANGER!** To prevent electrocution, ensure that there is a minimum distance of 50 feet (15M) between the chainsaw/hedge trimmer, including any branches it may come in contact with, and any live electrical lines.

**1** **THE HARNESS**

- The BU-KO5200 comes with a harness to ensure your safety and comfort while using the machine. It includes cushioned straps to enhance comfort, a safeguarding thigh pad, completely customizable straps, and a fast detachable hook.

**2** **PLACE OVER HEAD**

- Position the Harness onto your head while making certain that the cushioned shoulder straps are situated on your shoulders.

**3** **SNAP BUCKLE**

- Fasten the snap buckle to loosely secure the harness in position.

**5** **THIGH PAD**

- Make sure to position the thigh pad correctly to provide full protection against pressure points resulting from contact with the machine while using it. Typically, the thigh pad is placed on the right side, which is also the side where the machine is positioned.

**4** **ADJUST TO FIT**

- The harness can be completely customized with eight strap adjusters to guarantee an optimal fit. Make sure to use the strap adjusters to evenly distribute the weight over both shoulders. Adjust the tightness of the harness to suit your body frame. Keep in mind that you might need to readjust it to find the most comfortable position for you.

**NOTE:** To ensure your safety, comfort, and optimal results, it is recommended to always use the BU-KO5200 with the provided harness.

## 6 FRONT VIEW & REAR VIEW



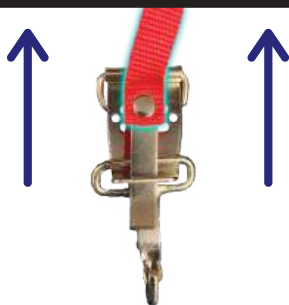
- The snap buckle on your harness is intended to be worn at the front. Hang the Multi Tool on the right side and let it rest against the thigh pad.

Ensure that the back plate is centered on your back.

Adjust the harness to securely fit against your body in the most comfortable position.

You can easily adjust the harness by using the strap adjusters.

## 7 QUICK RELEASE HOOK



- You can effortlessly attach and detach the machine from the harness by using the quick release hook. To detach the unit from the hook, pull the upward-facing orange tab. Before releasing the quick release hook, ensure that the machine is adequately secured or supported to avoid any damage.

## 8 REPLACE LOWER HOOK



- Once you have used the quick release hook, it will require reassembly. Position the lower hook with the attached orange tab over the upper hook.

## 9 INSERT RELEASE PIN



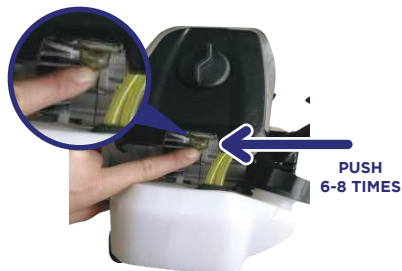
- Insert the release pin through the slot in the upper hook, ensuring that it passes through completely. The quick release hook is now reassembled and can be used again when necessary.

**NOTE:** Before using the quick release hook, make sure that the engine is turned off.

**WARNING!** Ensure that you place the machine on a stable surface before using the quick release hook. Dropping the machine can cause significant damage to the unit.

**1** **FILL THE TANK**

- Take off the fuel cap and add fuel to the tank, ensuring that it does not exceed 80% capacity. To create the appropriate fuel blend, combine unleaded petrol and 2-stroke oil in a 25:1 ratio.

**2** **PRIME THE CARBURETOR**

- To prime the carburetor, press the bulb situated beneath the air filter housing repeatedly, around 6 to 8 times. For the carburetor to be primed properly, it is necessary that the fuel cap is secure and tightened.

**⚠ WARNING!** Due to the presence of a centrifugal clutch mechanism, the cutting attachment of the product will begin rotating instantly as soon as the engine's speed increases.

**⚠ WARNING!** Due to the highly flammable nature of fuel, it is imperative to take precautions and avoid any spills or contact with open flames.

**3<sup>A</sup>** **CLOSE CHOKE (COLD START)**

- To start a cold engine, move the lever upwards to close the choke.

**3<sup>B</sup>** **OPEN CHOKE (WARM START)**

- To start a warm engine, move the lever downwards to open the choke.

**⚠ NOTE:** To ensure your safety, comfort, and optimal results, it is recommended to always use the BU-KO5200 with the provided harness.

## 4 SWITCH ON



- To activate the spark plug, switch on the power by setting the on/off switch to position "I". "I" should be in a downward position.

## 5 TENSION THE RECOIL



- Position the unit on the ground and hold the shaft in place using your left foot while using your right hand to pull the recoil starter handle outward until you feel tension.

**NOTE:** Excessive choking can cause difficulties in starting the engine due to an overabundance of fuel. If the engine fails to start after multiple attempts, try opening the choke and pulling the rope again, or remove the spark plug and dry it.

## 6<sup>A</sup> START THE ENGINE (COLD START)



- Ensure that the choke is in the CLOSED.

1. Pull the recoil starter two times in rapid succession.
2. Move on to Step 6B and follow the guidelines for warm start.



## 6<sup>B</sup> START THE ENGINE (WARM START)



- Ensure that the choke is in the OPEN.

1. Rapidly pull the recoil starter until the engine starts.



**WARNING!** Avoid pulling the starter cord until it reaches its full extension, and refrain from releasing the handle when it is completely stretched out, as both actions can result in early wear and tear of the mechanism.



# 1 PREPARE TO STOP



- Let the engine idle for 30 seconds by releasing the throttle trigger. By letting the engine idle for 30 seconds, it can cool down and return to its optimal operating temperature.

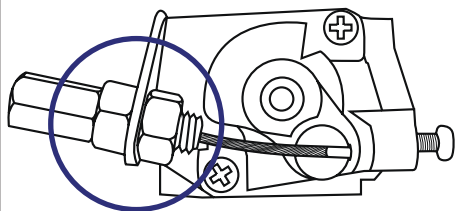
# 2 SWITCH OFF



- To switch off the engine, move the on/off switch to the "O" or "STOP" position as demonstrated above. If you are restarting the engine right after stopping it, keep the choke open to prevent the engine from flooding.

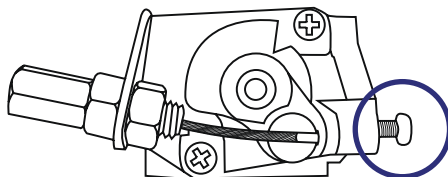
## ADJUSTING THROTTLE CABLE & IDLING SPEED

# 1 ADJUSTING THROTTLE CABLE



- After extended use, your throttle cable might become loose, and you may need to make adjustments. To modify the throttle cable, loosen or tighten the nuts shown above. To avoid overburdening the cable, ensure that there is always 1-2 mm of slack.

# 2 ADJUSTING IDLING SPEED



- If the engine stalls often while idling, turn the idle speed adjuster clockwise.
- If the cutting head continues to rotate after releasing the trigger, adjust the idle speed by turning the adjuster counterclockwise.

## **CHAINSAW WORKING TECHNIQUES**

### **Beware of hidden objects.**

It's important to check for any hidden cables or other objects before using a chainsaw on a tree. These can cause serious damage to the chainsaw and/or injury to the operator. It's recommended to inspect the tree and surrounding area thoroughly before starting any work.

- This machine must not be used within 15M of overhead powerlines.
- Before starting any work at height, ensure that the ground beneath is cleared of any debris or obstacles that could impede your exit in the event of something falling unexpectedly.
- Before starting work on the tree, it's important to inspect its condition thoroughly. Look for any loose branches that may fall unexpectedly, and check for signs of decay that could cause the tree to fall. This will help you avoid potential hazards and ensure your safety while working on the tree.

### **Do not attempt to cut wind fallen trees or timber.**

- To prevent falling branches from becoming dangerous, it is important to work methodically, starting from the lowest branches first.
- Do not work in windy conditions as this increases the risk of personal injury.
- Remove the transport guard before starting the engine.

**WARNING! BEFORE CUTTING,MAKE SURE THE CHAIN IS CORRECTLY FITTED AND TENSIONED.**

### **Delimbing**

When cutting branches, it's best to cut them into manageable sections. If you simply cut through the branch from top to bottom, the weight of the branch on itself may cause it to split and damage the tree. To prevent this, it's recommended to make an initial relief cut on the underside of the branch and then make a final cut from above. This will prevent the branch from splitting and causing damage to the tree.

- Position the cutting head near the tree limb making sure it is not touching any other branches.
- To begin cutting the underside of the branch, ensure that the saw chain is running at full speed and use the chain on the top of the guide bar. Cut about one third of the way through. Beware of hidden branches, as contact with the tip may cause the saw to kickback.

- To finish the cut, allow the chain to do the cutting without any external force. Cut through the remaining two-thirds of the branch from the top using the chain.
- Quickly and safely move away from the falling debris.
- One cut is sufficient to remove small branches.
- Avoid cutting too close to the trunk as it can create a larger diameter wound that takes longer to heal and may speed up the spread of decay. Note that wounds on trees can heal on their own without requiring any treatment.
- The guide bar and chain are parts that wear out over time and usage and need to be replaced periodically.

## HAZARDS

The process of cutting involves several specific dangers.

**Kickback** is a hazardous reaction that occurs when the tip of the guide bar is thrown upwards in an arc, which can be extremely dangerous on a chainsaw as it may move towards the user's face. Similarly, on this type of machine, kickback can still pose a risk. As the chain is propelled outward along the top of the guide bar, it may drive the guide bar back and upwards in the opposite direction if it suddenly stops within the kickback zone due to the limb being cut pinching the chain.

**Pull-In** occurs when the chain becomes wedged along the bottom of the guide bar, causing the machine to suddenly jerk towards the operator. To prevent this, ensure the chain is running at full speed before initiating the cut.

It is generally recommended to avoid these hazards by:

- maintaining a sharp and properly tensioned chain.
- cutting one branch at a time.
- avoiding any contact with other branches while making the cut.
- placing the housing against the branch.
- beginning the cut only with the chain at full speed.
- keeping your focus and maintaining a secure grip on the machine using both hands throughout the cutting process.

If the machine gets stuck during a partial cut, turn off the engine and support its weight. Try to lift or pull down the trapped branch to release the chain.

## HEDGE TRIMMER WORKING TECHNIQUES

It is worth noting that some local authorities enforce seasonal bans on hedge cutting. Therefore, it is advisable to check with your local authority to determine whether you are affected by such restrictions. Additionally, it is important to exercise caution and inspect the hedge for any hidden objects, such as wire fences or power cables, that could damage the machine or cause injury if cut by the blades.

Before starting the engine, remember to remove the blade guard. The metal blade is designed to cut branches up to 24mm and can be used to clear scrub or offshoots around the base of shrubs, brushes, and hedges. Please note that the metal blade is a consumable item, and avoiding contact with larger branches, roots, stones, walls, fences, and other hard surfaces can help prolong its life. To prepare the hedge for trimming, it is recommended to remove any large branches with a pair of loppers before using the hedge trimmer.

### Ground Clearance

It is advisable to clear out any unwanted new shoots or woody weeds before all the hedge trimmings fall and obscure the base of the hedge.

- Maneuver the cutting head carefully in and around the root, being mindful to avoid any large diameter limbs, roots, and stones.
- Adjust the cutting head.

**WARNING!** The use of this product can potentially endanger wildlife. It is crucial to exercise caution before attempting to operate the machine. Prior to use, carefully inspect the surrounding area, especially long grass and under bushes, for any signs of life. If necessary, consider relocating any wildlife to a safe area.

**NOTE:** It is worth noting that not all animals will be deterred by the noise generated by the product alone, so it is essential to remain vigilant and ensure that the area is clear of wildlife before use.

### Vertical Cutting

To achieve the best results when trimming a hedge, it is recommended to follow these practices:

- Set the cutting head straight.
- Make large sweeping arcs with the cutting head, using both sides of the blade to trim material from the hedge.

Stand back at regular intervals to assess your progress. What may appear to be a straight and level cut from close up may look quite different from a distance.

### Vertical Cutting (at a distance)

If an obstacle prevents you from standing directly next to the hedge [for example a flower bed] follow the steps as per vertical cutting but with the cutting head at a more suitable angle.

### Hedge Topping (above head height)

While it is possible to use the method described above to cut the top of a tall hedge, it is recommended to use a safe platform to raise yourself level with the hedge top. This will result in a more attractive finish and reduce the risk of injury.

To cut the top of the hedge, follow these steps:

- Set the cutting head at 90 degrees.
- Twist the shaft to make the cutting head swing in an arc across the top of the hedge.
- Working in this position can be particularly difficult, so it is important to take regular breaks to avoid strain or injury.

By following these guidelines and working from a safe platform, you can achieve an attractive finish and reduce the risk of injury.

### Horizontal Cutting

The last step in trimming a hedge is to shape the top.

- Set the cutting head straight.
- Make level arcs to encourage trimmings to fall to the ground.

If you need to cut a hedge that is taller than chest height, always use a safe platform. Do not attempt to stretch or overreach while working on a platform.

**WARNING!** When cutting with the blade set straight, tilt the cutting side of the blades toward the hedge by approximately 0-10 degrees. This will help to achieve a clean cut and prevent damage to the hedge.

### Hedge Trimmer Blade Maintenance

- Brush clean the cutting head thoroughly after use. The blades must be cleaned of debris, sap and moisture.
- Remove all traces of sap. Use a solvent cleaner to spot clean any sap from the blades.
- Keep blades lubricated. Spray the blades with a moisture dispersant lubricating oil. As with all cutting means, blades will need regular maintenance, whether for resharpener or replacement.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The engine fails to start.	No spark	To test for spark, follow these steps: Disconnect the spark plug wire, then reattach it and place the spark plug on a metal cylinder. Pull the starter rope and observe the spark plug tip for a spark. If there is no spark, repeat the test with a new spark plug.
	No fuel	Press the primer bulb until it is filled with fuel. If the bulb does not fill, there may be a blockage in the primary fuel delivery system, and a service dealer should be contacted. If the primer bulb fills, the engine may be flooded (refer to the next item).
	Flooded engine	To remove excess fuel from the engine, remove the spark plug and point the spark plug hole towards the ground. Then, switch the choke lever to "RUN" and pull the starter cord 10 to 15 times. After clearing the excess fuel, clean and reinstall the spark plug. Pull the starter cord three times with the choke lever at "RUN". If the engine does not start, move the choke lever to "CHOKE" and repeat the normal starting procedure. If the engine still fails to start, repeat the procedure with a new spark plug.
	Starter rope pulls harder now than when new	Contact <a href="http://www.bu-ko.online">www.bu-ko.online</a>
The engine is able to start but is not able to accelerate.	Carburettor requires adjustment	Contact <a href="http://www.bu-ko.online">www.bu-ko.online</a>
The engine is able to start but it cuts out when the throttle is pressed.	Choke is in start/closed position	While the engine is running, keep the choke in the open position (pointing downwards).
The engine starts but can only run at high speed with half choke.	Carburettor requires adjustment	Contact <a href="http://www.bu-ko.online">www.bu-ko.online</a>

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SOLUTION</b>
The engine fails to reach full speed and produces an excessive amount of smoke	Check oil fuel mixture	Use a fresh fuel and the appropriate 2-cycle oil mixture.
	Air filter dirty	Try cleaning the air filter. You can refer to the section "Replacing and Cleaning Air Filter" earlier in this manual for guidance.
	Carburettor requires adjustment	Contact <a href="http://www.bu-ko.online">www.bu-ko.online</a>
The engine is able to start, run, and accelerate, but it cannot idle.	Carburettor requires adjustment	Contact <a href="http://www.bu-ko.online">www.bu-ko.online</a>
	Operating trimmer at part throttle	Run the trimmer at full throttle.
Oil is observed coming out of the muffler.	Check oil/fuel mixture	Use a fresh fuel and the appropriate 2-cycle oil mixture.
	Air filter dirty	Try cleaning the air filter. You can refer to the section "Replacing and Cleaning Air Filter" earlier in this manual for guidance.
	Carburettor requires adjustment	Rotate the mixture needle in a clockwise direction by 1/16 of a turn.

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SOLUTION</b>
The chain is either immobile or too tight.	Insufficient chain lubrication.	Check the oil level in the reservoir and make sure the oil lines are not blocked.
The chain moves while the engine is idling.	Idle is set too high.	Adjust the idle setting until the chain stops moving.
Inadequate cutting performance	Clogged blades. Blades blunt.	Stop the engine, then clean and lubricate the blade assembly. If the cutting performance is still poor, consider having the blades serviced or replaced by an authorized service center.
The cutting head is producing an uncommon noise.	Insufficient grease in the gearbox assembly.	Stop the engine and apply lubricant to the gearbox prior to resuming.



ENGINE	Air Filter	Clean	Before starting work	After finishing work or daily	After each refuelling stop	Weekly	Monthly	Yearly	If problem	If damaged	As required
		Replace							X	X	
	Manual fuel pump (if fitted)	Check									
		Have repaired by servicing dealer									
	Pickup body in fuel tank	Check							X		
		Replace					X			X	X
	Gearbox Lubrication	Check			X			X			X
		Replenish								X	

ENGINE	Carburettor	Check idle adjustment - the cutting attachment must not rotate	Before starting work	After finishing work or daily	After each refuelling stop	Weekly	Monthly	Yearly	If problem	If damaged	As required
		Adjust idle speed	X	X							X
	Spark Plug	Readjust electrode gap							X		
		Replace after every 100 operating hours									
	Cooling Inlets	Visual inspection		X							
		Clean									X
	Fuel Tank	Clean	X						X		
	Air Filter	Clean	X								
	Fuel Filter	Clean	X								

OTHER	Complete machine	Visual inspection (condition, leaks)	Before starting work	After finishing work or daily	After each refuelling stop	Weekly	Monthly	Yearly	If problem	If damaged	As required
		Clean	X	X							
	Cutting Attachment	Visual inspection	X	X							
		Replace								X	
		Check tightness	X	X							
	Cutting Attachment Guard	Attach	X								
	Control Handle	Check operation	X	X							
	Metal Cutting Attachment	Sharpen	X								X
	All accessible screws and nuts	Re-tighten	X								X
	Anti-vibration Elements	Check	X						X		X

<b>Model</b>	1E44F5
<b>Displacement</b>	52,0cm <sup>3</sup>
<b>Fuel</b>	Mixture (Petrol 25: Oil 1)
<b>Carburettor</b>	Diaphragm type
<b>Ignition System</b>	Transistor Controlled Flywheel Magneto
<b>Spark Plug</b>	LD BM6A
<b>Fuel Tank Capacity (cm)</b>	1.2 Litres
<b>Starter</b>	Recoil
<b>Clutch</b>	Centrifugal
<b>Cutting Head Rotating Direction</b>	Counter-Clockwise (Operator View)
<b>3 Tooth Blade Size</b>	1.4 x 255 x 254
<b>Spool Wire Size</b>	2.4mm
<b>Chainsaw Max Cutting Length</b>	290mm
<b>Chainsaw Oil Tank Capacity</b>	150ml
<b>Hedge Trimmer Max Cutting Length</b>	390mm
<b>Hedge Trimmer Max Cutting Diameter</b>	19mm
<b>Hedge Trimmer Adjusting Angle</b>	90° to 270°
<b>Overall size (L x W x H)</b>	1860 x 610 x 520mm

**BU-KO.online provides a 12-month guarantee on the product against faulty materials or damages starting from the purchase date. The product must be accompanied by proof of purchase.**

**If the product exhibits any malfunction, kindly return it to either BU-KO.online or an authorized repair agent.**

**If the fault is due to defective materials or quality of build, repairs will be conducted at no cost. Nevertheless, this warranty does not cover wear and tear resulting from typical use, or harm arising from improper handling, accidents, or unauthorized repairs.**

**BU-KO.online**

## **DECLARATION OF CONFORMITY EU**

BURROWMOUNT LTD  
26A WESTLAND ROAD COOKSTOWN CO.  
TYRONE, N.IRELAND



Declares that the machines:  
Petrol multi-tool 52 cm<sup>3</sup>- 2 in 1 BU-KO-5200

Complies with the essential health and safety requirements of the following directives:  
The Machinery Directive 2006/42/EC  
EN ISO 11806-1:2022  
The EMC Directive 2014/30/EU  
EN ISO 14982:2009

Conformity assessment procedures:  
Annex V of the directive  
The Regulation of Non-Road Mobile Machinery Emissions (EU)  
2016/1628, and its supplemented regulations

EC type-approval NO:  
e9\*2016/1628\*2016/1628SHB1/P\*1191\*01  
Engine model: 1E44F-5

*mark nugent*