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## BRUSH CUTTER

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EN

PGBC-5200

OWNERS MANUAL

This manual has been produced by **BU-KO power** and should be kept with the product and referenced for operation, maintenance and troubleshooting.

This manual contains an overall description of the product, together with all the necessary information for using the product correctly and safely. It is highly recommended that this manual is read prior to any operation or maintenance of this product. The safety precautions and warnings are to ensure your safety and protect you from harm or damage to the product.

All photographs and drawings in this manual are supplied by **BU-KO power** to help you with the operation and maintenance of the product. The information contained in this manual was accurate at the time of production, however **BU-KO power** may make modifications to the product without notification.

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## GENERAL SAFETY

- **WARNING!** Never allow children or anyone who does not fully understand the directions given in the manual to use the machine.
- **ALWAYS USE** safety equipment; appropriate footwear, eye protection, ear protection, head protection, trousers and gloves.
- **DO NOT** wear loose clothing, jewellery, short trousers, sandals, or go barefoot.
- **NEVER** start the engine inside a closed room or building.
- **NEVER** use the product when ground is slippery, at night, during rain storms, lightning storms, or at times of strong wind.
- **DO NOT** start the engine within 3m of the fuelling point.
- **REMOVE** all sources of sparks and flames before mixing and pouring fuel.
- **DO NOT** let anyone with in 15m of the product while in operation.
- **INSPECT** the entire unit for loose fasteners and fuel leakages, Make sure that the cutting attachment is properly installed.
- **DO NOT** start cutting until you have a clear cutting area and a secure footing.
- **ALWAYS** use the harness supplied while operating the machine.
- **NEVER** smoke while operating the unit or refilling its fuel tank.
- **ALWAYS** keep the handles dry, clean and free of oil and fuel mixture.
- **ALWAYS** shut off the engine before putting the product down.
- **MAKE SURE** all fuel is removed before transportation.
- **ALL MAINTENANCE** other than that listed in this manual should be carried out by professionally trained and certified personnel.

## GENERAL SAFETY



For safe operation and maintenance symbols are moulded in relief on the machine or shown on a label.



### WARNING

To reduce the risk of injury, user must read instruction manual.



### GLOVES

Gloves should be worn where appropriate.



### HEAD, EYE & EAR PROTECTION

Approved head, eye & ear protection should be worn at all times during operation.



### BOOTS

Wear sturdy, non-slip boots.



### CLOTHING

Appropriate clothing should be worn during operation. Ensure clothing is made of strong fabric and is not baggy or loose.



### FUEL FILLER POINT



### THE DIRECTION TO CLOSE THE CHOKE



### THE DIRECTION TO OPEN THE CHOKE



ON

OFF

SAFETY SYMBOLS



**WARNING!** To reduce the risk of injury, user must read instruction manual.



**DANGER!** Petroleum spirit is highly flammable. No smoking or naked light.



**DANGER!** Keep away from sources of ignition.



**FLAMMABLE**



This symbol, before a safety comment, indicates a **PRECAUTION**, a **WARNING** or a **DANGER**. Ignoring this warning can lead to an accident for yourself or for others. To limit the risk of injury, fire, or electrocution always apply the recommendations indicated.



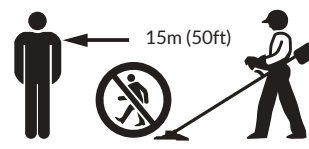
**RISK OF FIRE** - Do not add fuel when operating.



**EXPLOSION HAZARD**



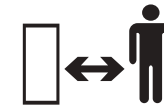
Fuel/2-stroke oil mixture ratio.



Keep all children, bystanders & helpers 15 metres away from the machine.



**KEEP BY STANDERS AWAY.**



**BEWARE OF THROWN OBJECTS**



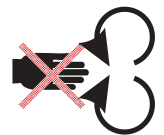
**WARNING!** Danger of kickback.



**BEWARE OF SHARP BLADES**



**DO NOT TOUCH THE MOVING PARTS OF THE MACHINE UNTIL THEY ARE COMPLETELY STOPPED.**



**RISK OF INJURY. DO NOT OPEN OR REMOVE SAFETY SHIELDS WHILE ENGINE IS RUNNING.**



**WARNING!** Spinning cutting line.

SAFETY SYMBOLS



**WARNING!** Risk of entanglement.



**WARNING!** Protect feet from risk of injury.



**HOT SURFACES WILL BURN FINGERS OR PALMS**



**REMOVE SPARK PLUG LEAD BEFORE MAINTENANCE**



**WARNING!** Never to touch the spark plug or plug cord while the engine is in operation. Doing so may result in being subjected to an electrical shock.



**WARNING!** Do not use the Multi Tool in an enclosed space. Exhaust fumes contain dangerous carbon monoxide.



**WARNING!** Use of this product can pose a danger to wildlife. Check areas, particularly long grass and under bushes for signs of life. If necessary relocate.  
**NOTE:** Not all animals will be deterred by the noise of the product alone.



Maximum speed of the applicable cutting unit.



**CONFORMS TO CURRENT SAFETY STANDARDS**



**WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE. PLEASE RECYCLE WHERE FACILITIES EXIST CHECK YOUR LOCAL AUTHORITY OR RETAILER FOR RECYCLING ADVICE**



**GUARANTEED SOUND POWER LEVEL**

## FOR SAFE OPERATION



### IMPORTANT

- Read this manual carefully until you completely understand and can follow all safety and operating instructions.
- Keep this manual handy so that you may refer to it later whenever questions arise. Also note, if you have any questions which cannot be answered herein, contact BU-KO power
- Always be sure to include this manual when selling, lending or otherwise transferring ownership of this product.
- Never allow children or anyone unable to fully understand the directions given in the manual to use the machine.



### WORKING CIRCUMSTANCE

- Never start the engine inside a closed room or building. Exhaust gases contain dangerous carbon monoxide.
- Never use the product
  1. when the ground is slippery or when you can't maintain a steady posture.
  2. at night, at times of heavy fog, or at any other times when your field of vision might be limited and it would be difficult to gain a clear view of the working area.
  3. during rain storms, during lightening storms, at times of strong gale-force winds, or at any other time when weather conditions might make it unsafe to use the product.



### WORKING PLAN

- You should never use this product when under the influence of alcohol, when suffering from exhaustion or lack of sleep, when suffering from drowsiness as a result of taking cold medicine or at any other time when a possibility exists that your judgment might be impaired or that you might not be able to operate the product properly and in a safe manner.
- When planning your work schedule, allow plenty of time to rest. Limit the amount of time over which the product is to be used continuously to somewhere around 30-40 minutes per session, and take 10-20 minutes of rest between sessions. Also try to keep the total amount of work performed in a single day under 2 hours.
- If you don't observe the working time or working manner repetitive strain injury could occur,
- If you feel discomfort, redness and swelling of your fingers or any other part of your body, see a doctor before getting worse.
- To avoid noise complaints operate product between 9am and 5pm.



### BEFORE STARTING THE ENGINE

- The area within a perimeter of 15m of the person using the product should be considered a hazardous area into which no-one should enter. If necessary, yellow warning rope and warning signs should be placed around the perimeter of the area. When work is performed simultaneously by two or more persons, care should be taken to constantly look around or otherwise check for the presence and locations of other people working so as to maintain a distance between each person sufficient to ensure safety.
- Check the condition of working area to avoid any accident by hitting hidden obstacles such as stumps, stones, cans or broken glass.
- Inspect the entire unit for loose fasteners and fuel leakage. Make sure that the cutting attachment is properly installed and securely fastened.
- Be sure to attach the cutting attachment guard securely in place, or you may injure yourself.
- Always use the harness. Adjust the harness for comfort before starting the engine. The harness should be adjusted so the left hand can comfortably hold the handlebar grip approximately waist high.



### STARTING THE ENGINE

- Keep bystanders and animals at least 15m (50ft) away from the operating point. If you are approached, immediately stop the engine.
- The product is equipped with a centrifugal clutch mechanism, so the cutting attachment begins to rotate as soon as the engine is started by putting the throttle trigger into the start position. When starting the engine, place the product onto the ground in a flat clear area and hold it firmly in place so as to ensure that neither the cutting attachment nor the throttle trigger come into contact with any obstacle when the engine starts.
- After starting the engine, check to make sure that the cutting attachment stops rotating when the throttle trigger is moved fully back to its original position. If it continues to rotate even after the throttle trigger has been moved fully back, turn off the engine contact BU-KO power.



## FOR SAFE OPERATION



### USING THE PRODUCT

- Grip the handles firmly with both hands using your whole hand. Place your feet slightly apart (slightly further apart than shoulder width) so that your weight is distributed evenly across both legs, and always be sure to maintain a steady, even posture while working.
- Keep cutting attachment below waist level.
- Maintain the speed of the engine at the level required to perform cutting work, and never raise the speed of the engine above the level necessary.
- If the unit starts to shake or vibrate, turn off the engine and check the whole unit. Do not use until the problem has been properly corrected.
- Keep all parts of your body away from rotating cutting attachment and hot surfaces.
- Never touch the muffler, spark plug, or other metallic parts of the engine while the engine is in operation or immediately after shutting down the engine. Doing so could result in serious burns or electrical shock.



### BE CAREFUL OF SURROUNDING PEOPLE

- Guard against hazardous situations at all times. Warn adults to keep pets and children away from the area. Be careful if you are approached. Injury may result from flying debris.



### MAINTENANCE

- In order to maintain your product in proper working order, perform the maintenance and checking operations described in the manual at regular intervals.
- Always be sure to turn off the engine before performing any maintenance or checking procedures.
- In the event that any part must be replaced or any maintenance or repair work not described in this manual must be performed please contact BU-KO power
- Under no circumstances should you ever take apart the product or alter it in any way. Doing so might result in the product becoming damaged during operation or the product becoming unable to operate properly.



### HANDLING FUEL

- The engine of our product is designed to run on a mixed fuel, which contains highly flammable gasoline. Never store cans of fuel or refill the tank of the unit in any place where there is a boiler, stove, wood fire, electrical sparks, welding sparks, or any other source of heat or fire which might ignite the fuel.
- Never smoke while operating the unit or refilling its fuel tank.
- When refilling the tank, always turn off the engine and allow it to cool down. Take a careful look around to make sure that there are no sparks or open flames anywhere nearby before refuelling.
- Wipe spilled fuel completely using a dry rag if any spillage occurs during refuelling.
- After refuelling, screw the fuel cap back tightly onto the fuel tank and then carry the unit to a spot 3m or more away from where it was refuelled before turning on the engine.




### STARTING THE ENGINE

- When hand-carrying the product, cover over the cutting attachment if necessary, lift up the product and carry it paying attention to the cutting attachment.
- Never transport the product over rough roads or long distances by vehicle without removing all fuel from the fuel tank. If doing so fuel might leak from the tank during transport

WHAT'S IN THE BOX



 Washers and nut are pre-installed on the lower shaft.

WHAT'S IN THE BOX



FOR DETAILED INSTRUCTIONS ON HOW TO USE THE HARNESS GO TO PAGES 19-21



## NOTICE

THIS FUEL MUST BE  
MIXED WITH 2 STROKE  
OIL AT A 40:1 RATIO  
(GASOLINE:OIL)



**NOTE:** This Brush Cutter is not supplied with any oil within the engine, there is only trace left from testing.  
**NOTE:** The fuel for this machine must be mixed with 2 stroke oil at a 40:1 ratio (Gasoline:Oil)  
**WARNING!** Do not start the Brush Cutter without adding oil to the engine first, this will damage the engine beyond repair.

1

### INSPECT THE BRUSH CUTTER



Check the Brush Cutter is not damaged and all components are in good working order before use. Regular periodic inspection is required to ensure the Brush cutter is suitable for the task.

Before using the Brush Cutter a risk assessment should be carried out respecting the legislation in the country of use.

## NOTICE



THE HUB ON THIS MACHINE  
COMES PRE-ASSEMBLED



**NOTE:** Please follow all instructions carefully when fitting the various cutting attachments  
**WARNING!** Do not start the Brush Cutter without making sure the cutting attachments are fitted properly

2

### LOCKING WASHERS



The locking washers may come pre-installed on the hub of the machine.  
The hub in needs assembling in different configurations to fit the appropriate attachments.  
Washer 'A' needs to be in place to attach both the Spool and the 3 tooth blade

1

ATTACH THE HANDLE



Loosen the four screws on the upper cap and place the bull horn handle inside.

Re-tighten the four screws to secure the handle in position.



**CAUTION!** Over-tightening the bolts can cause damage to the screw and/or the machine

2

ATTACH THE LOWER GUARD



Attach the guard to the lower shaft using the screws and tools provided.



**NOTE:** Over-tightening the bolts/screws can cause damage to the bolt/screw and/or the machine.

3

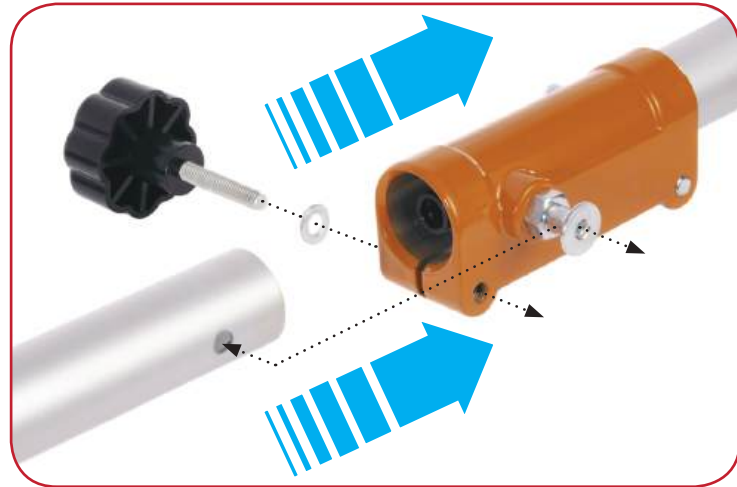
ATTACH THE LOWER GUARD



Locate the guard on to the lower shaft using the 2x screws provided.

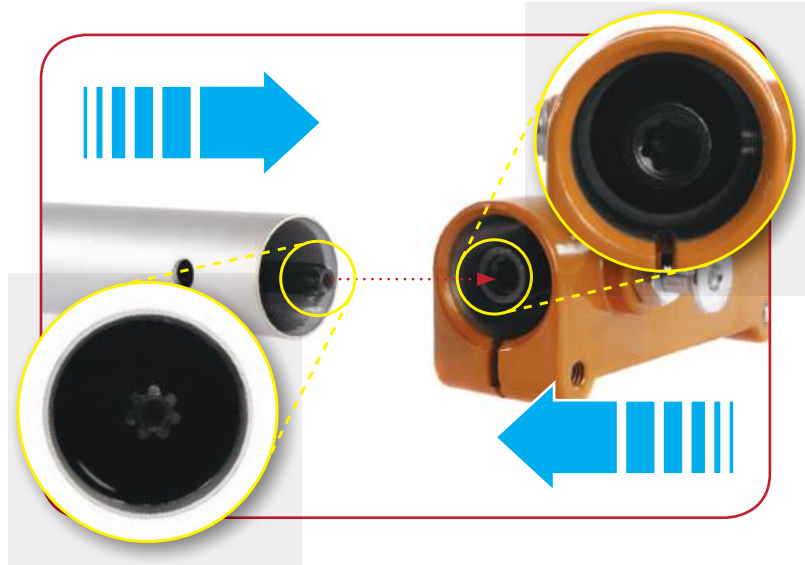
Be sure not to over-tighten the screws as this could cause damage.

5 SHAFT TO JOINT ASSEMBLY



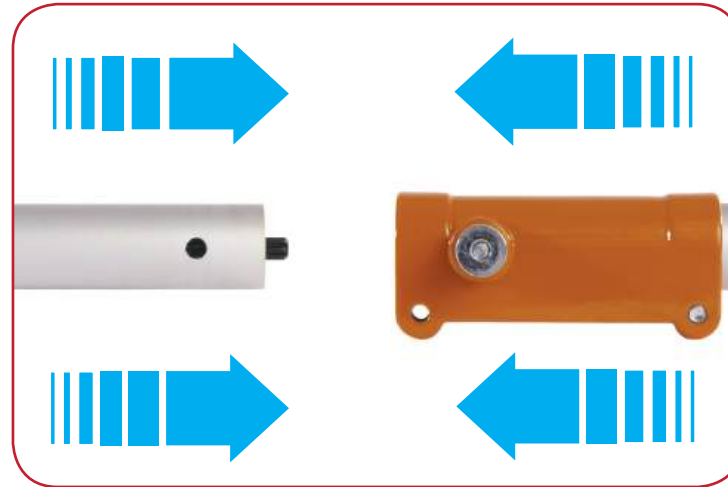
Insert the locking knob into the shaft connector.  
Pull and hold the locating pin while securing the lower shaft into the joint

6 ALIGN THE SPLINES



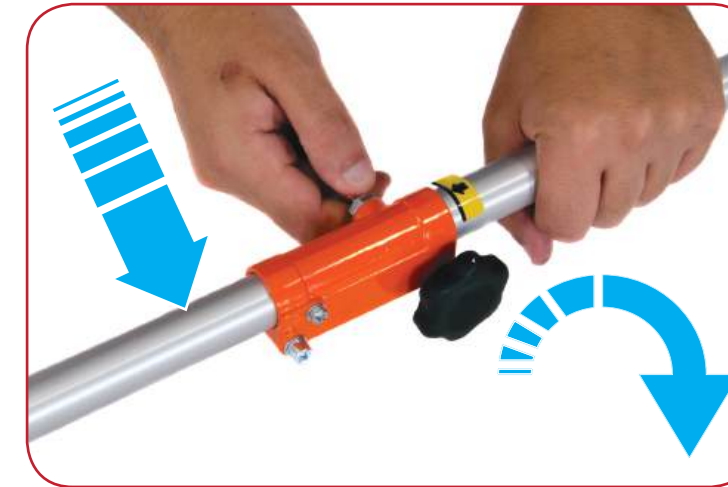
When inserting the shaft into the joint pay particular attention to the splines within the shaft.  
It is essential that the splines are connected correctly for the machine to operate.

7 JOIN THE SHAFTS



Once you are satisfied that the splines and the locating pin hole are aligned sufficiently, connect the shaft to the joint.

8 RELEASE LOCATING PIN



Release the pin and rotate the lower shaft until the joint is locked into position.

9 TIGHTEN KNOB



Secure the joint by tightening the knob.  
To tighten the knob turn in a clockwise direction.



**WARNING!** Always make sure that attachments are in place correctly and tightened sufficiently before use.  
**NOTE:** This process can be repeated when attaching the hedge trimmer attachment, chainsaw attachment and also the extension pole.  
**NOTE:** Take extra care aligning the splines within the shaft. If the splines are not connected correctly the machine will not function in the manner intended.

# INSTALLING THE 3 TOOTH BLADE

10

## ALIGN HUB



Align the holes on the collar, washer "A" and the axle. The areas highlighted above.

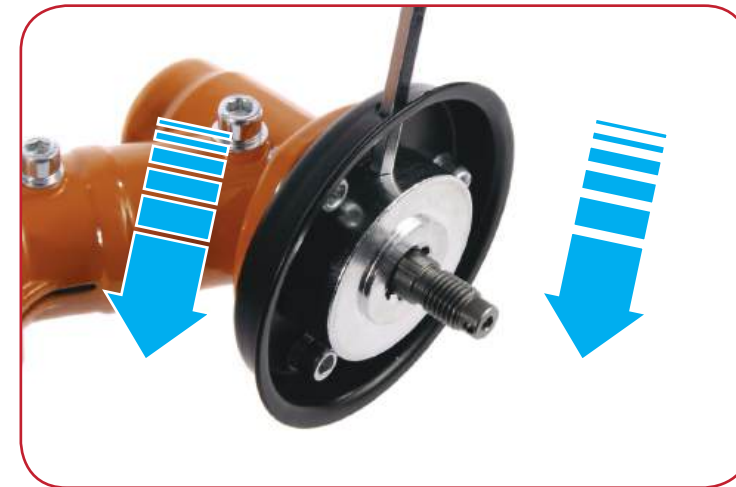
The purpose of this process is to enable tightening of the spool or 3 tooth blade nut by locking the shaft, this is done by inserting the allen key through the holes highlighted above.



Please be aware that Washer "A", Washer "B" and 3 Tooth Blade Nut (Locking Washers) may come pre-installed on the hub of the machine.

11

## LOCK HUB



Lock the axle by placing the allen key inside the locating hole of the collar, through washer "A" and into the axle. You can now wind the spool or 3 tooth blade nut onto the thread by turning it anti-clockwise.

Please ensure that the spool is secure and closed correctly and the 3 tooth blade is located centrally on the hub prior to use.



**WARNING!** Ensure spool or blade is attached correctly prior to use.

# INSTALLING THE 3 TOOTH BLADE



The Hub is reverse threaded turn in an anti-clockwise direction to tighten.



## INSTALLING THE 3 TOOTH BLADE

### 1 INSTALL LOWER WASHER



Install washer "A" as illustrated above. Align the hole in the washer with the hole in the spool collar.

### 2 ATTACH THE BLADE



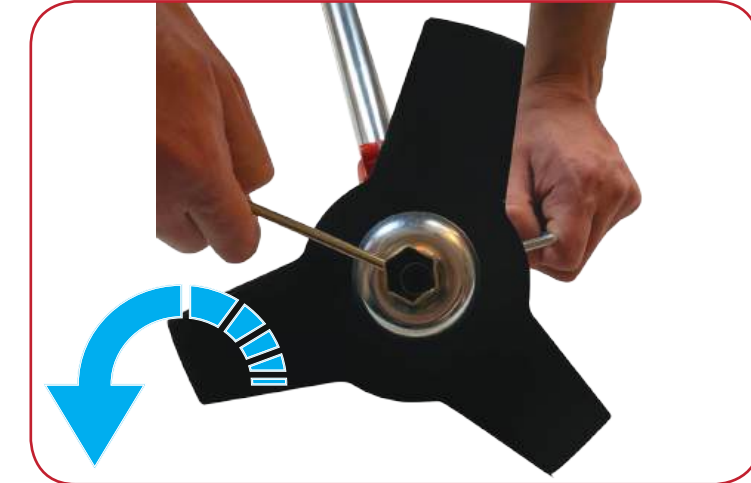
Place the three tooth blade so the centre hole sits within washer "A".  
It is important that the blade sits correctly within washer "A" and not in an off-centered position which can cause excessive vibration and premature damage to the lower shaft.

### 3 SECURE UPPER WASHER



Install washer "B" as illustrated above to secure the blade to the shaft.

### 4 TIGHTEN LOCKING NUT



Lock the axle by placing the allen key inside the locating hole of the collar and tighten the locking nut using the wrench provided, turning anti-clockwise until secured tightly.  
(Follow steps 8 & 9 within "Assembly" on how to lock the axle.)

### 5 SECURE THE NUT



**i** **NOTE:** Please be aware that Washer "A", Washer "B" and 3 Tooth Blade Nut (Locking Washers) may come pre-installed on the hub of the machine.

**i** **NOTE:** The hub is reverse threaded so to tighten the nut you will have to turn it in an anti-clockwise direction to ensure that it is secured in place along with the chosen cutting attachment. To loosen the nut use the wrench provided to turn it in a clockwise direction.



## INSTALLING THE SPOOL



## INSTALLING THE SPOOL

1

### INSTALL LOWER WASHER



Install washer "A" as illustrated above. Align the washer with the hole on the spool collar.

The purpose of this washer is to enable tightening of the spool by locking the shaft, this is done by inserting the allen key through the hole in the collar and into the hole in washer "A".



Please be aware that Washer "A", Washer "B" and 3 Tooth Blade Nut (Locking Washers) may come pre-installed on the hub of the machine.

2

### ATTACH SPOOL HOUSING



Lock the axle by placing the allen key inside the locating hole of the collar and wind the spool onto the thread by turning anti-clockwise.

Please ensure that the spool is secure and closed correctly prior to use.

(Follow steps 8 & 9 within "Assembly" on how to lock the axle.)



To remove the spool follow the above directions in reverse.

## WEARING THE HARNESS

1

### THE HARNESS



Included with your BU-KO5200 is the harness. The harness ensures you can work both safely and comfortably whilst using your machine.

It features padded straps for extra comfort, protective thigh pad, fully adjustable straps and a quick release hook.

2

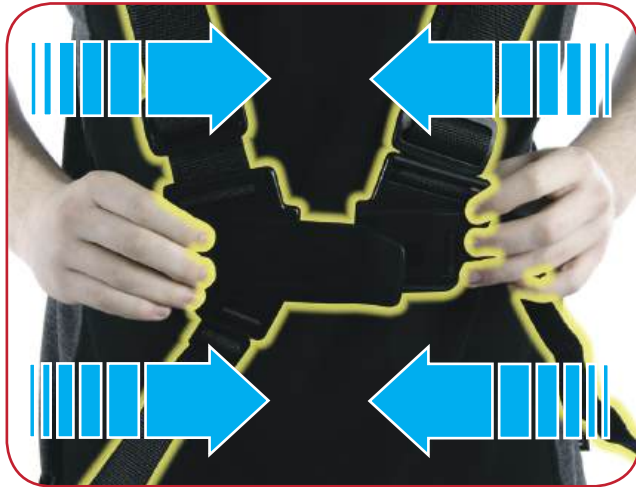
### PLACE OVER HEAD



Place the Harness over your head ensuring that the padded shoulder straps are placed on to your shoulders

3

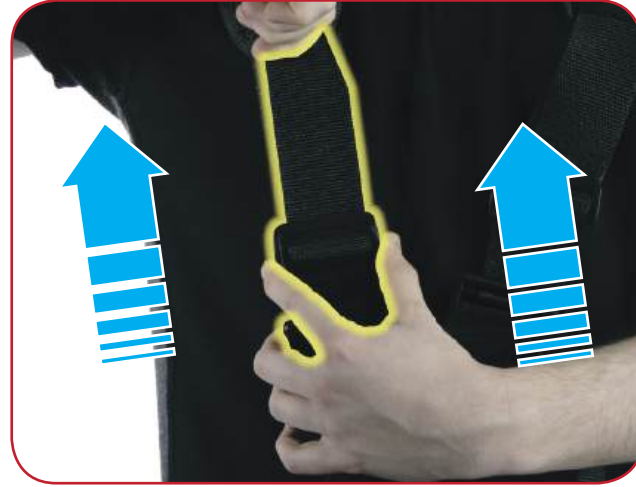
### SNAP BUCKLE



Lock the snap buckle to secure the harness loosely in place

4

### ADJUST TO FIT



The harness is fully adjustable with 8 strap adjusters to ensure the best possible fit. Be sure to evenly spread the weight over both shoulders using the strap adjusters.

Tighten or loosen the harness to best suit your frame. Please be aware you may need to re-adjust to ensure the harness is in the most comfortable position to suit you.

5

### THIGH PAD



Ensure the thigh pad is located in the correct position so it protects you fully from pressure points created from contact with the machine during use.

The thigh pad is normally positioned on the right hand side, this is the same side that the machine will be positioned.

6

### FRONT VIEW & REAR VIEW



Your harness is designed to be worn with the snap buckle at the front.

The Multi Tool should hang on the right and rest against the thigh pad.

The back plate should sit centrally on your back. Adjust the harness so it is secured against your body in the most comfortable position.

The harness is easily adjusted by utilizing the strap adjusters.

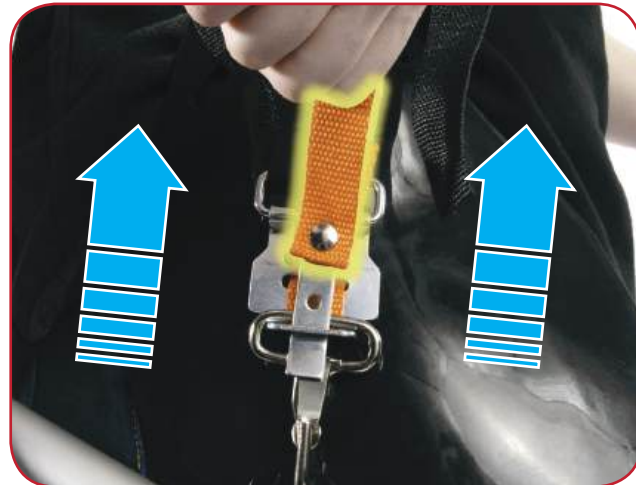


**CAUTION:** For your own safety, comfort and for best results always use the BU-KO5200 with the harness provided

## WEARING THE HARNESS

7

### QUICK RELEASE HOOK



Easily attach and release the machine from the harness using the quick release hook.

To release the unit from the hook pull the orange tab upwards.

Please make sure the machine is properly secured or supported before releasing the quick release hook to prevent damage.

8

### REPLACE LOWER HOOK



After use of the quick release hook it will need to be re-assembled.

Place the lower hook over the upper hook with orange tab attached.

9

### INSERT RELEASE PIN



Place the release pin through the slot in the upper hook making sure that the pin passes

The quick release hook is now re-assembled and ready to be used again when needed.

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**NOTE:** Ensure engine is turned off before using the quick release hook

**WARNING!** Before using quick release hook place machine on a solid surface, dropping the machine will cause damage to the unit



## STARTING THE ENGINE

1

### FILL THE TANK



Remove the fuel cap and fill the tank to no more than 80% capacity.

Fuel should be a mixture of unleaded petrol and 2 stroke oil mixed at a ratio of 40:1.



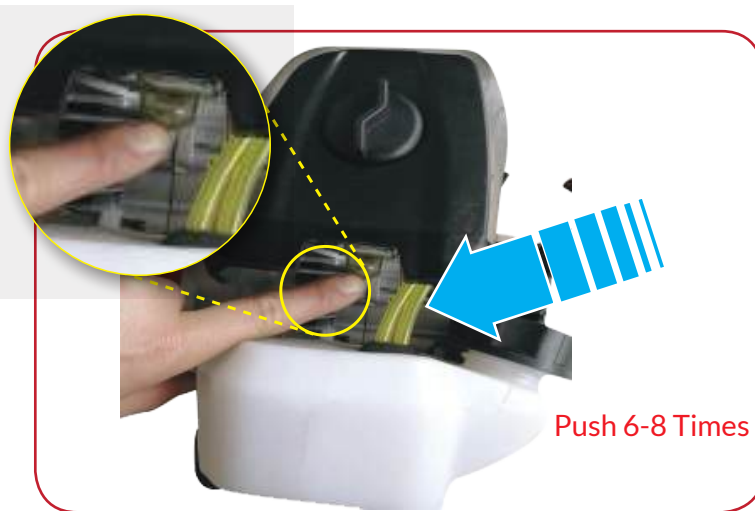
**WARNING:** The product is equipped with centrifugal clutch mechanism, so the cutting attachment begins to rotate as soon as the speed of the engine is increased.



**WARNING:** Fuel is highly flammable and care must be taken to avoid any spillages and contact with naked flames.

2

### PRIME THE CARBURETTOR

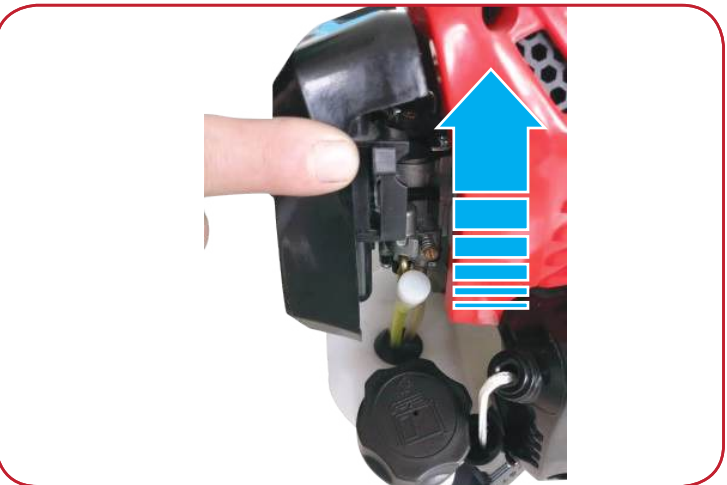


Prime the carburettor by repeatedly pressing the bulb located underneath the air filter housing Push 6-8 Times.

The fuel cap must be secure and tight for the carburettor to prime.

3 A

### CLOSE CHOKE (COLD START)



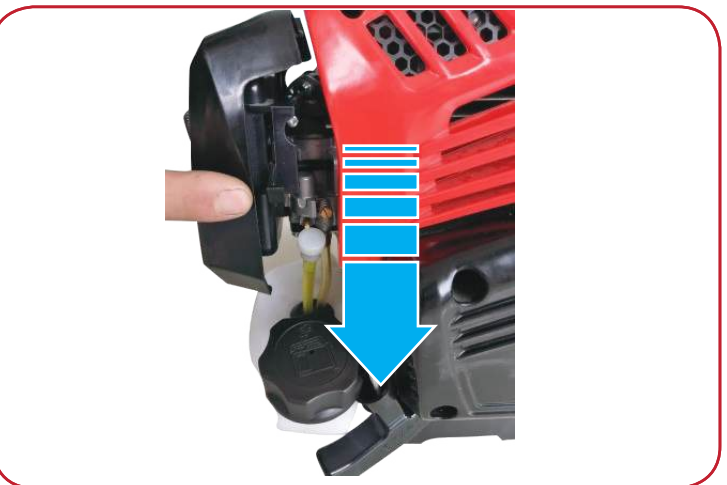
For cold engine starts close the choke by sliding the lever upwards.



CHOKE CLOSED

3 B

### OPEN CHOKE (WARM START)



For warm engine starts open the choke by sliding the lever downwards.



CHOKE OPEN

## STARTING THE ENGINE

4

### SWITCH ON



Enable power to the spark plug by placing the on/ off switch to position “I”  
“I” has to be in downward position.

5

### TENSION THE RECOIL



Place the unit on the ground and using your left foot to secure the shaft to the ground while using your right hand to pull the recoil starter handle outwards until tension is felt.



**NOTE:** Over-choking can make the engine hard to start due to excess fuel. When the engine failed to start after several attempts, open the choke and repeat pulling the rope, or remove the spark plug and dry it.

## STARTING THE ENGINE

6

A

### START THE ENGINE (COLD START)



Make sure that the choke is CLOSED



1. Pull the recoil starter twice in quick succession.
2. Proceed to Step 6B and follow instructions for warm start.

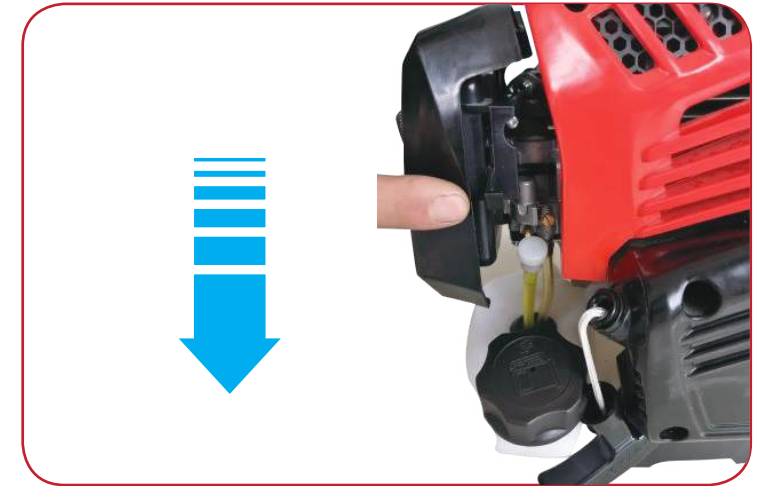


**WARNING!** Do not pull the starter cord to the end and avoid releasing the handle while fully extended. Both of the above can cause premature damage to the mechanism.

6

B

### START THE ENGINE (WARM START)



1. Make sure that the choke is OPEN



2. Pull the recoil starter in quick succession until the engine starts.



## STOPPING THE ENGINE

1

### PREPARE TO STOP



Release the throttle trigger and let the engine idle for 30 seconds.

This allows the engine to cool down and return to optimum operating temperature.

2

### SWITCH OFF



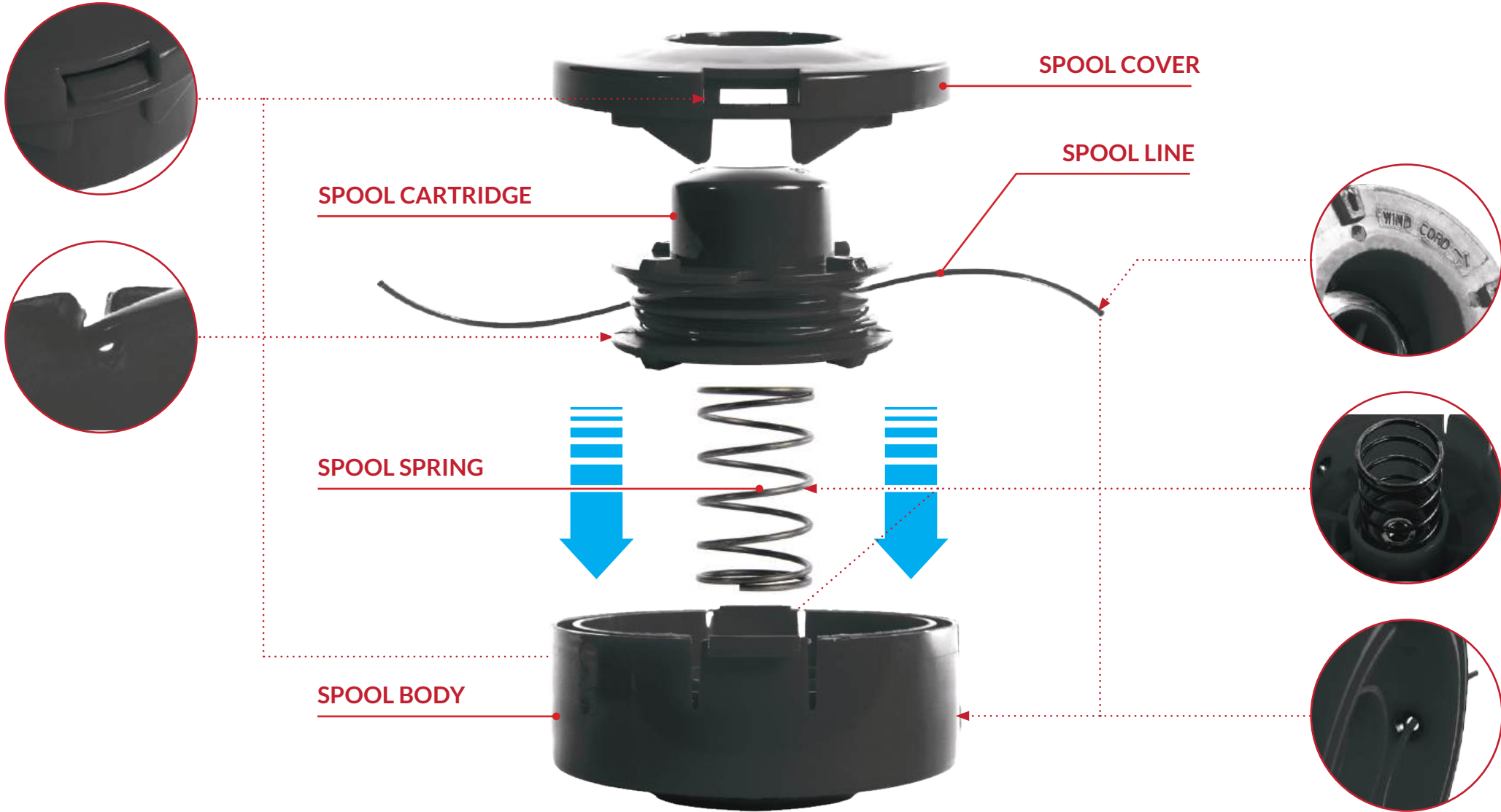
Turn the engine off by placing the on/off switch to position "O" or "STOP" as illustrated above.

When restarting the engine after immediately stopping it, leave the choke open to prevent flooding the engine.

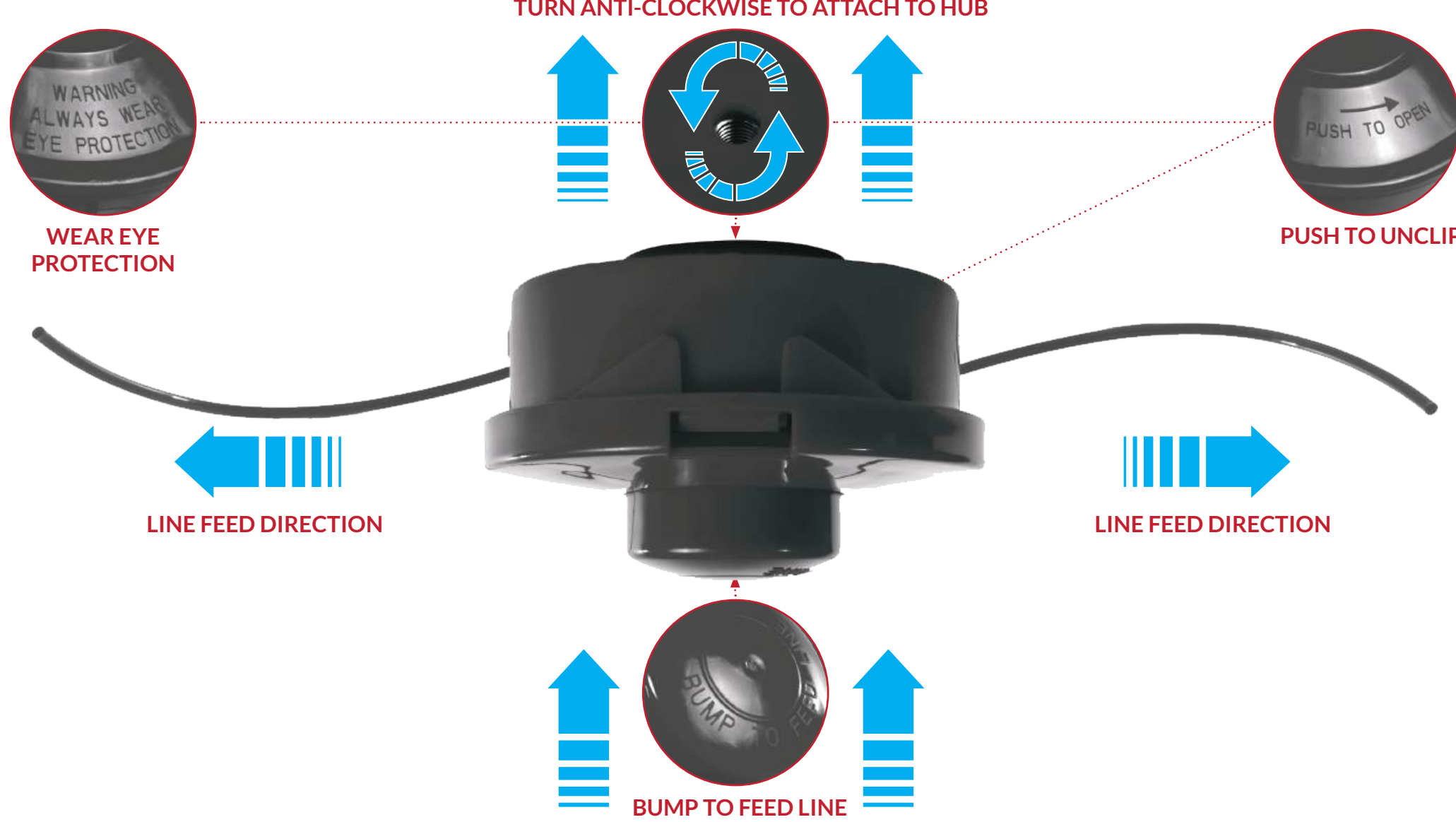


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OPEN & REPLACE SPOOL LINE



OPEN & REPLACE SPOOL LINE



## OPEN & REPLACE SPOOL LINE

## OPEN & REPLACE SPOOL LINE

### 1 OPEN THE SPOOL



Open the spool by pressing one of the two clips to loosen the cover. Once loose firmly press the second clip and remove the spool cartridge from inside the housing.

### 2 PREPARE WINDINGS



The cartridge consists of two windings which need to be wound in the direction shown on the body. Secure the replacement wire to the cartridge as shown.

### 3 SECURE WINDING



Secure the winding inside one of the two lugs to grip the cord and prevent it unwinding.

### 4 REPEAT STEP 2 & 3



Repeat steps 2 & 3 for the second winding and thread back through the eyelets. Securing the cover by repeating 'Step 1' in reverse.



**NOTE:** Replacement trimmer wire should be 2.4mm in diameter.

OPEN & REPLACE SPOOL LINE

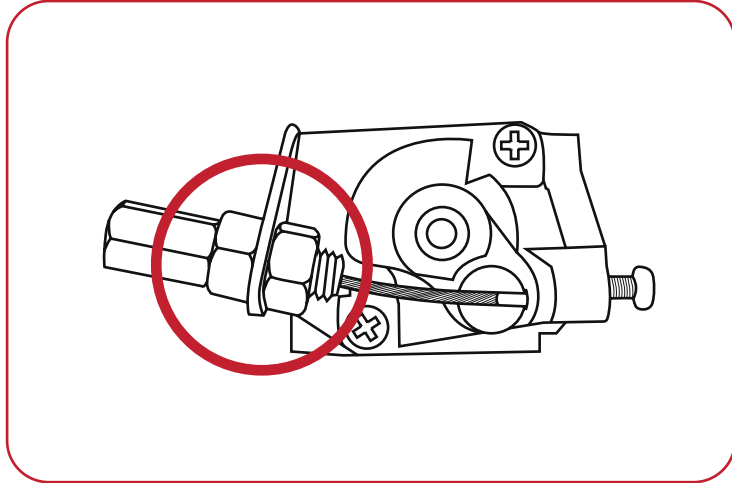
OTHER	Complete machine	Visual inspection (condition, leaks)	Before starting work	After finishing work or daily	After each refuelling stop	Weekly	Monthly	Yearly	If problem	If damaged	As required
		Clean		X							
	Cutting Attachment	Visual inspection	X		X						
		Replace								X	
		Check tightness	X		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

OPEN & REPLACE SPOOL LINE

Engine:	10mm
Model	1E44F5
Displacement	52,0cm3
Fuel	Mixture (Gasoline 40: Oil 1)
Carburettor	Diaphragm type
Ignition System	Transistor Controlled Flywheel Magneto
Spark Plug	LD BM6A
Fuel Tank Capacity (cm)	1.2 Litres
Starter	Recoil
Clutch	Centrifugal
Cutting Head Rotating Direction	Counter-Clockwise (Operator View)
3 Tooth Blade Size	1.4 x 255 x 254
Spool Wire Size	2.4mm
Overall size (L x W x H)	1860 x 610 x 520mm
Dry weight	8.5kg

# ADJUSTING THROTTLE CABLE & IDLING SPEED

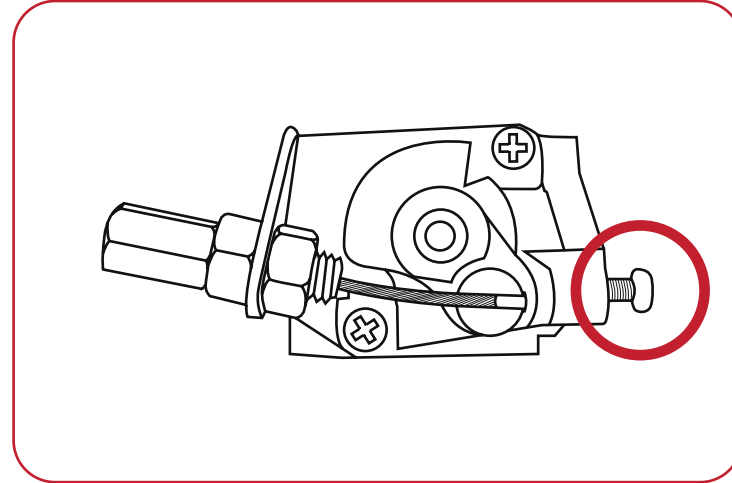
## 1 ADJUSTING THROTTLE CABLE





Your throttle cable may become slack after prolonged use and adjustment may be required.

To adjust the throttle cable loosen or tighten the nuts illustrated above. Always allow 1-2mm of play to ensure the cable is not under load at all times.

## 2 ADJUSTING IDLING SPEED



-  When the engine tends to stop frequently at idling mode, turn the idle speed adjuster clockwise.
-  When the cutting head keeps rotating after releasing the trigger, turn the idle speed adjuster counter clockwise

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TRIMMING GRASS AND WEEDS

1. Hold the unit so the head is off the ground and is tilted about 20 degrees toward the sweep direction.
2. Sweep from left to right to avoid thrown debris.
3. Use a slow, deliberate action to cut heavy growth.
4. Never swing the unit hard as you are in danger of losing your balance or control of the unit.
5. Try to control the cutting motion with your hip rather than placing the full workload on your arms and hands.
6. Take precautions to avoid wire, grass and dead, dry, long-stem weeds from wrapping around the shaft head.

Such materials can stall the head and cause the clutch to slip, resulting in damage to the clutch system if repeated frequently.

CUTTING METHOD

1. Use the front left side for optimal cutting.
2. Guide the blade from your right to left with it tilted slightly to your left.
3. When mowing a wide area, start working from your left end to avoid interference of cut grass.
4. The blade may be seized by weeds if the engine speed is too low, or the blade cuts too deep into weeds. Adjust the engine speed and cutting depth according to the type of material being cut.

**If grass or other object get caught in the blade, or if the unit starts to shake or vibrate, turn off the engine and check the whole unit. Change the blade if it has been damaged.**

**Turn off the engine and make sure the blade has completely stopped before checking the blade and removing any object that has got caught in..**



Always wear eye protection during operation. Never lean over rotating cutting head. Never swing the unit hard as you are in danger of losing your balance or control of the unit.

CHOOSE THE BLADE

Choose the suitable recommended cutting attachment according to the object to be cut

When replacing blade always be sure to use BU-KO power products.

When sharpening, removing, or attaching the blade, be sure to wear thick, sturdy gloves and use only proper tools and equipment to prevent injury.

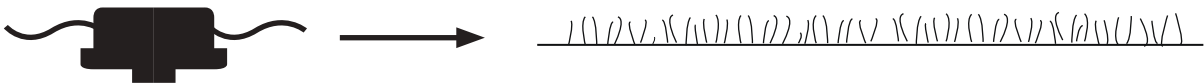
ADJUSTING THE LINE LENGTH

Your brush cutter is equipped with a semi-auto type nylon trimmer head that allows the operator to advance the line without stopping the engine. When the line becomes short, lightly tap the head on the ground while running the engine at full throttle.

Each time the head is bumped, the line advances about 1 inch (25.4mm). For better effect, tap the head on bare ground or hard soil. Avoid bumping in thick, tall grass as the engine may stall by overload.

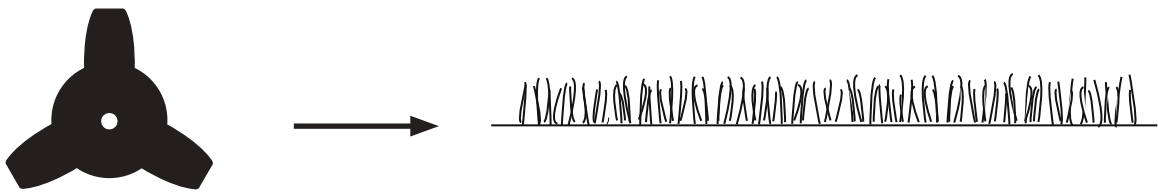
TWIN LINE SPOOL

Use this for light trimming.



3 TOOTH BLADE

Use this blade for dense growth.



CONTROLLING BLADE THRUST

Blade thrust can cause serious personal injury. Carefully study this section. It is important that you understand what causes blade thrust, how you can reduce the chance of it, and how you can remain in control of the unit if blade thrust occurs.

What causes blade thrust:

- Blade thrust can occur when the moving blade come in contact with an object that it cannot cut. This contact causes the blade to stop for an instant and then suddenly move or "bounce" away from the object that was hit. The operator can lose control of the unit and the blade can cause serious personal injury to the operator, or any person nearby if the blade contacts any part of the body.

How you can reduce the chance of blade thrust:

- Recognise that the blade thrust can happen. By understanding and knowing about blade thrust you can help eliminate the element of surprise
- Cut fibrous weeds and grass only. Do not let the blade contact materials it cannot cut such as hard, woody vines, and bushes or rocks, fences, metal etc.
- Be extra prepared for thrust if you must cut where you cannot see the blade making contact such as in areas of dense growth.
- Keep the blade sharp. A dull blade increases the chance of thrust.
- Avoid feeding the blade too rapidly. The blade can bounce away from material being cut if the blade is fed faster than its cutting capability.
- Cut only from your right to your left.

How you can maintain control:

- Keep a good, firm grip on the unit with both hands. A firm grip can help neutralise thrust. Keep your right and left hands completely around the respective handles.
- Keep both feet spread apart in a comfortable stance and yet braced for the possibility that the unit could bounce. Do not overreach. Keep firm footing and balance.

OPERATION

1. Check the bolt to fasten the blade and be sure the bolt has no faults or damage.
2. Be sure that the blade and the holder have been fastened according to instruction and that the blade turns smoothly without abnormal noise.

The rotating parts fastened incorrectly may cause serious injury to the operator.

Make sure that the blade is not bent, warped, cracked, broken or damaged.

If you find any error to the blade, discard it and replace with a new one.

Make sure to use the harness and cutting attachment guard. If not, it is very dangerous when you slip or lose your balance.

TRANSPORTING THE UNIT

- When you finish cutting in one location and wish to continue work in another spot, turn off the engine, lift up the unit and carry it, paying attention to the blade.
- Never forget to place the protective cover over the blades while transporting.
- When transporting the unit over long distances, detach the blade and fasten the unit by ropes.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Engine will not start	No spark	To check for spark: Disconnect the spark plug wire. Reattach the spark plug wire and lay spark plug on metal cylinder. Pull the starter rope and watch for spark at spark plug tip. If there is no spark, repeat test with a new spark plug
	No fuel	Push primer bulb until bulb is full of fuel. If bulb does not fill, primary fuel delivery system is blocked. Contact a service dealer. If primer bulb fills, engine may be flooded (see next item)
	Flooded engine	Remove spark plug, turn trimmer so spark plug hole is aimed at the ground. Move choke lever to “RUN” and pull starter cord 10 to 15 times. This will clear excess fuel from engine. Clean and reinstall spark plug. Pull starter three times with choke lever at “RUN”. If engine does not start, move choke lever to “CHOKE” and repeat normal starting procedure. If engine still fails to start, repeat procedure with a new spark plug
	Starter rope pulls harder now than when new	Contact BU-KO power
Engine starts but will not accelerate	Carburettor requires adjustment	Contact BU-KO power
Engine starts but will cut out when the throttle is pressed	Choke is in start/closed position	When the engine is running the choke should remain open (the downwards position)

PROBLEM	POSSIBLE CAUSE	SOLUTION
Engine starts but will only run at high speed at half choke	Carburetor requires adjustment	Contact BU-KO power
Engine does not reach full speed and emits excessive smoke	Check oil fuel mixture	Use fresh fuel and the correct 2-cycle oil mix
	Air filter dirty	Clean air filter. Refer to “Replacing and Cleaning Air Filter” earlier in this manual
	Carburettor requires adjustment	Contact BU-KO power
Engine starts, runs, and accelerates but will not idle	Carburettor requires adjustment	Contact BU-KO power
Spool will not unwind	String welded to itself	Lubricate with silicone spray
	Not enough string on spool	Install more string. Refer to “String Replacement” earlier in this manual

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Spool retainer hard to turn	Screw threads dirty or damaged.	Clean threads and lubricate with grease - if no improvement, replace spool retainer
	Operating trimmer at part throttle	Operate trimmer at full throttle
Oil drips from muffler	Check oil/fuel mixture	Use fresh fuel and the correct 2-cycle oil mix
	Air filter dirty	Clean air filter. Refer to “Replacing and Cleaning Air Filter” earlier in this manual
	Carburettor requires adjustment	Turn mixture needle clockwise 1/16 turn
Spool / Three Tooth Blade does not rotate when engine speed is increased	Top and bottom shafts are not correctly engaged.	Remove the bottom shaft and re-insert ensuring the joint is correctly connected and engaged.
Excessive vibration is felt when using the three tooth blade	Top and bottom shafts are not correctly engaged	Remove the bottom shaft and re-insert ensuring the joint is correctly connected and engaged.
	Three tooth blade is not installed centrally	Reinstall the three tooth blade ensuring the blade is installed central and with the correct washersly

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Spool will not unwind	String welded to itself	Lubricate with silicone spray
	Not enough string on spool	Install more string. Refer to “String Replacement” earlier in this manual
Grass wraps around shaft housing and string-head	Cutting tall grass at ground level	Cut tall grass from the top down
	Operating trimmer at part throttle	Operate trimmer at full throttle

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								



BU-KO power Guarantees the product against defective material or damage for period of 12 months from the date of purchase. A proof of purchase must be provided with the product.

In case of any fault please return the product to BU-KO power or an authorised repair agent.

If any fault is caused by defective materials or quality of build, repair will be carried out free of charge. However, this guarantee does not apply in the case of normal wear and tear, nor any damage caused by misuse, accident or any repair from an unauthorised agency.

NOTE: In order for you to effect this guarantee you must provide proof of purchase in the form of a dated receipt or invoice within a 12 month period of purchase. If repairs are outside of the warranty period a quote will be made accordingly.

BU-KO power

**Description & Function:**  
BRUSH CUTTER MULTI-PURPOSE TOOL

**Model/Type:**  
BU-KO5200

**Manufacturing Date/Serial Number:**  
2020

- Conforms to the following Directives:**
- ☒ 2006/42/EC Machine Directive (MD)
  - ☒ 2004/30/EU Electromagnetic Compatibility Directive (EMC)
  - ☒ 2016/1628 /EUEC Directive of Emission
  - ☒ 2000/14/CE ANNEXE V& DIRECTIVE 2005/88/CE EC  
DIRECTIVE OF NOICE

**Manufacturer's authorised representative within the EC:**

Burrowmount LTD  
12 Central Close  
Cookstown  
Co. Tyrone  
N.Ireland  
BT80 8TE

**Conforms to the requirements of the Directives, as indicated, and the following harmonised standard(s):**

- ☒ EN ISO 11681 - 1:2011
  - ☒ EN ISO 11808 - 1:2011
  - ☒ EN ISO 10517: 2019
  - ☒ EN ISO 14982 - 2009
- EC type-approved No:**  
e9\*2016/1628\*2016/1628SHB1/P/\*1191\*00(EU-V Emission)

**Technical file complied by:**  
Burrowmount LTD

Being the responsible person appointed by the manufacturer.

**Signed:** *mark nugent*

**Date:** 19/03/20  
**Name:** Mark Nugent  
**Position:** Managing Director