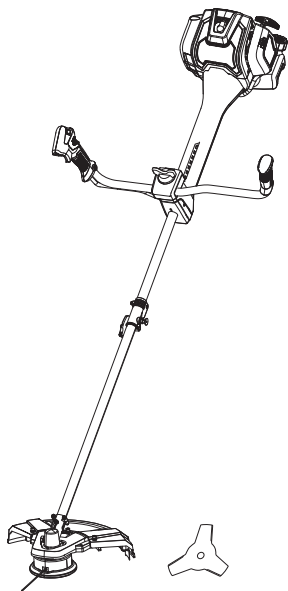


TITAN

Petrol Brush Cutter (33 cm³)



TTBCP33-4

EAN : 5059340124315

Original Instructions – TTBCP33-4__V10821



WARNING: Read the instructions before using the machine.



Let's get started...

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.



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Safety warnings

IMPORTANT READ CAREFULLY BEFORE USE KEEP FOR FUTURE REFERENCE

1. This machine is not intended for use by children and persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
2. Children should be supervised to ensure that they do not play with the machine.



WARNING! Your safety and the safety of others is very important. Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining this machine. At all times you must use your own good judgment.

Training

Read the instructions carefully. Be familiar with the controls and the proper use of the machine.

Preparation

1. Never allow children or people unfamiliar with these instructions or children to use the machine. Local regulations can restrict the age of the operator.
2. Never operate the machine while people, especially children, or pets are nearby.
3. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
4. Wear ear protection and safety glasses at all times while operating the machine.
5. Always wear substantial footwear and long trousers while operating the machine. Do not operate the machine when barefoot or wearing open sandals.
6. Thoroughly inspect the area where the machine is to be used and remove all stones, sticks, wires, bones and other foreign objects.
7. **WARNING** - Petrol is highly flammable.
 - store fuel in containers specifically designed for this purpose,
 - refuel outdoors only and do not smoke while refuelling,
 - add fuel before starting the engine. Never remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot,
 - if petrol is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until petrol vapours have dissipated.
8. Replace all fuel tanks and bottle caps securely.
9. Do not attempt to tackle any job that you are not adequately trained for.

- Getting Started . . .
10. Keep bystanders and animals at least 15 metres out of the work area.
 11. Do not operate the machine if it has faulty safety equipment or damaged parts.
 12. Do not under any circumstances modify the machine. Modifications can result in serious personal injury or death.
 13. All machines servicing and maintenance, other than the items listed in this manual, should be performed by an authorised service centre.
 14. First time user should have practical instruction in the use of the machine and protective equipment from an experienced operator.
 15. National regulation can restrict the use of the machine.
 16. If the cutting mechanism strikes any foreign object or the machine starts making any unusual noise or vibration, shut off the power source and allow the machine to stop. Disconnect the spark plug connector and take the following steps:
 - Inspect for damage;
 - Check for, and tighten, any loose parts;
 - Have any damaged parts replaced or repaired with parts having equivalent specifications

Clothing and personal protective equipment (PPE)

1. Secure long hair so that they are above the shoulder level.
2. Do not wear loose fitting clothing or jewellery as those could be drawn into the engine, catch the cutting attachment or undergrowth.
3. Use the following safety clothing and personal protective equipment (PPE) when operating the machine:
 - Helmet with visor and neck guard (compliant to EN 397)
 - Ear protection (compliant to EN 352-1)
 - Eye protection (compliant to EN 166)
 - Protective gloves (compliant to EN ISO 21420 Class 0)
 - Slip-resistant steel toe cap boots (compliant to EN ISO 20345 Class 2)
 - First Aid Kit in case of injury
 - Dry powder fire extinguisher readily available

Operation

1. Keep all parts of the body away from the machine when the machine is operating. Before starting the engine, make sure the machine is not contacting anything and is free from obstructions. A moment of inattention while operating the machine may cause entanglement of your clothing or body with the machine.
2. Always ensure that all handles and guards are fitted properly before operating the machine. Never attempt to use an incomplete machine or one fitted with unauthorized parts.
3. Do not operate the machine with one hand! Serious injury to the operator or bystanders may result from one handed operation.

4. Keep handles dry, clean and free from oil and grease. Greasy, oily handles are slippery and may cause loss of control.
5. Do not operate the machine if you are tired or ill, under the influence of drugs, alcohol or medication.
6. When the machine is switched off, make sure the cutting attachment has stopped before setting down the machine.
7. Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
8. Operate the machine only in daylight or in good artificial light.
9. Avoid operating the machine in wet grass or take additional precautions to avoid slipping.
10. Do not operate the machine when crossing surfaces other than grass, and when transporting the machine to and from the working area.
11. Take care against injury from a cutter fitted for trimming the cutting line length. After extending the cutter line always return the machine to its normal operating position before switching on.
12. Make sure that the ventilation openings are kept clear of debris.
13. Make sure that the air intake of the combustion engine is clear. Keep the air intake free of dust, dirt particles, gases and fumes.
14. If the cutting attachment does not stop when the engine idles, stop using the machine and contact with the customer services.
15. Never use the machine without the air filter installed.
16. Check for signs of wear or damage before each use, after any impact or if the machine has been dropped. Repair the machine if necessary.
17. Stop the engine, disconnect the spark plug connector:
 - before clearing blockages;
 - before cleaning or working on the machine;
 - after striking a foreign object. Inspect the machine for damage and make repairs before restarting and operating the machine;
 - if the machine starts to vibrate abnormally (check immediately);
 - whenever you leave the machine;
 - before refuelling.

Maintenance

1. Keep all nuts, bolts and screws tight to be sure the machine is in a safe working condition.
2. Disconnect the spark plug connector before performing maintenance, except for carburetor adjustments.
3. Keep the engine and petrol storage area free of grass, thatch, moss, leaves or excessive grease to reduce the fire hazard.
4. Examine the machine regularly and replace worn or damaged parts for safety.
5. Do not operate the machine with a damaged or excessively worn cutting device.
6. Replace fuel lines and fuel filters every 2 years.

Fuel handling

1. Always switch the machine off, disconnect the spark plug connector and let the machine cool down before refuelling it.
2. Fuel and fuel vapour are highly flammable. Take care when handling fuel.
3. Do not smoke while operating the machine, handling fuel or near fuel.
4. Always use suitable aids such as funnels and filler necks. Do not spill any fuel on the machine or its exhaust system. There is a risk of ignition. Remove spilled fuel carefully from all parts of the machine. Any residue which may be present must have completely volatilised, before the machine is put into operation!
5. Never refuel indoors.
6. Never use the machine in environments where there is a risk of explosion. Exhaust gases and fuel fumes are noxious. Fuel fumes can ignite.
7. Avoid skin contact with petrol.
8. Do not eat or drink, while you are refuelling the machine. If you have swallowed petrol or oil, or if petrol or oil has got into your eyes, then seek the advice of a doctor immediately.
9. Tighten the fuel tank cap thoroughly after refilling the fuel tank.
10. Fuel vapour pressure may build up inside the fuel tank depending on the fuel used, weather conditions and the tank venting system. To reduce the risk of burns and other personal injuries, remove the fuel tank cap carefully to allow any pressure build up to release slowly.
11. Ensure the spark plug connector is secure. Loose connector may cause electrical arcing that could ignite combustible fumes and cause a fire or explosion.
12. Use caution when handling fuel. To avoid any accidental fires, move the machine at least 3 metres from the fuelling point before starting the engine.
13. Do not operate the machine if it is leaking fuel.
14. Do not remove the fuel tank cap while the engine is running.
15. Do not store cans of fuel or refill the fuel tank in any place where there is a boiler, stove, wood fire, electrical sparks, welding sparks, or other sources of heat or fire which might ignite the fuel.
16. If any fuel spillage occurs during refuelling, use a dry rag to wipe up spills and allow remaining fuel to evaporate before starting the engine on again.
17. If you have spilt fuel on yourself or on your clothes, change your clothes and wash any part of your body that has come in contact with fuel before turning the engine on again.
18. If fuel has ignited, put out the fire with a dry powder fire extinguisher.
19. Never breathe in any fuel fumes, when you are refuelling the machine.
20. Keep fuel fresh (less than 30 days) or add fuel stabiliser.

Transport and storage

1. Stop the engine before transporting the machine.
2. Refit the transport cover on the cutting blade during transportation or storage.

3. Allow the engine to cool before storing in any enclosure.
4. Never store the machine with petrol in the tank inside a building where fumes can reach an open flame or spark.
5. Store the machine and fuel so that there is no risk of leakages or fumes coming into contact with sparks or naked flames from electrical equipment, electric motors, relays/switches, boilers etc.
6. Empty machine of fuel after every use. Run the product dry of fuel in idle before storage.
7. Dispose of waste oil and fuel at a local petrol station, local authority centre or where facilities exist.

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.

Take the following points into account to minimise the vibration and noise exposure risks:

1. Only use the machine as intended by its design and these instructions.
2. Ensure that the machine is in good condition and well maintained.
3. Use correct attachments for the machine and ensure they in good condition.
4. Keep a tight grip on the handles/gripping surfaces.
5. Maintain this machine in accordance with these instructions and keep it well lubricated (where appropriate).
6. Plan your work schedule to spread any high vibration tool use across a longer period of time.

Emergency

Familiarise yourself with the use of this machine by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1. **Always be alert when using this machine, so that you can recognise and handle risks early.** Fast intervention can prevent serious injury and damage to property.
2. **Stop the engine and disconnect the spark plug connector if there are malfunctions.** Have the machine checked by a qualified professional and repaired, if necessary, before you operate it again.
3. **In case of fire stop the engine and disconnect the spark plug connector.** Take fire-extinguishing measures immediately if the machine switch is no longer accessible.



WARNING! Never use water to extinguish the machine on fire. Burning fuel must be extinguished with special extinguishing agents! We recommend that you keep a suitable fire extinguisher within reach in your work area! We recommend to have dry powder fire extinguisher always available.

Residual risks

Even if you are operating this machine in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this machine:

1. Health defects resulting from vibration emission if the machine is used over long periods of time or not adequately managed and properly maintained.
2. Injuries and damage to property due to broken application tools or the sudden impact of hidden objects during use.
3. Danger of injury and property damage caused by flying objects.
4. Burns, if touching hot surfaces.






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 doctor and the medical implant manufacturer before operating this machine!

Symbols

On the machine, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

kW	Kilowatt	l	Litre
cm ³	Cubic centimetre	ml	Millilitre
min ⁻¹	Per minute	°C	Degree Celsius
m	Metre	dB(A)	Decibel (A-rated)
mm	Millimetre	m/s ²	Metres per second squared
cm	Centimetre	kg/h	Kilogram per hour
kg	Kilogram	g/kWh	Gram per kilowatt per hour
yyWxx	Manufacturing date code; year of manufacturing (20yy) and week of manufacturing (Wxx)		

Description of signal words:

-  **DANGER!** The signal word that indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.
-  **WARNING!** The signal word that indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.
-  **CAUTION!** The signal word that indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.
- NOTE!** Indicates a practical tip, advice or practice not related to personal injury.



Caution/Warning.
Read the instruction
manual.



Note/Remark.



Wear slip-resistant steel toe cap boots (compliant to EN ISO 20345 Class 2)



Wear protective gloves (compliant to EN ISO 21420 Class 0)



Wear ear protection (compliant to EN 352-1)
Wear eye protection (compliant to EN 166)



Do not expose the machine to rain or wet conditions.



Open flames in the work area, around the machine and in the vicinity of flammable materials are prohibited!



Do not smoke in the work area, around the machine and in the vicinity of flammable materials!



Risk of fire/flammable materials.



Hot surface, do not touch! High temperatures on the machine's surfaces and structural parts that could cause burns, if they are touched. The machine can also stay hot for a longer period of time after the operation!



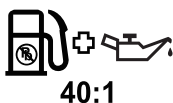
Stop the engine and disconnect the spark plug connector before assembly, cleaning, adjustments, maintenance, storage and transportation.



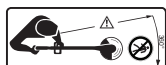
Petrol engines produce toxic carbon monoxide exhaust fumes. Breathing carbon monoxide can cause nausea, fainting or even death. Do not operate the engine indoors!



Stop the engine before refuelling. Never refuel the machine while the engine is running.



Only refuel unleaded petrol and oil mixture in ratio 40:1. Do not use any other mixture ratio.



Keep bystanders out of working area during operation. A distance of at least 15 metres around the operator must be observed.



Objects thrown by the machine could hit the operator or other bystanders. Always ensure that other people and pets remain at a safe distance from the machine when it is in operation.



Beware of blade thrust! Units fitted with blades can be thrown violently to the side when the blade comes into contact with a fixed object. A blade is capable of amputating an arm or leg. Keep bystanders and animals at least 15 metres from the machine.



Do not touch the cutting attachment until it stops completely.



Press the primer 6 times before starting the cold engine.



Maximum rotational frequency of the shaft for the cutting attachment in min^{-1} .



Choke – CLOSE position.



Choke – OPEN position.



Guaranteed sound power level value in dB.

TTBCP33-4 Designation of the tool
(TT_Brand Name; **BCP**_Brush Cutter Petrol; **33**_Engine size in cc)



The machine complies with the applicable European directives and an evaluation method of conformity for these directives was done.

Technical specifications

General

- > **Dimensions:** approx. 185 x 64.5 x 48.5 cm
- > **Weight (without fuel, cutting attachment , guard and harness):** approx. 8.3 kg
- > **Fuel tank capacity:** 900 cm³ (ml)
- > **Petrol type:** #95, unleaded
- > **Engine oil type:** 2-cycle motor oil, (2T FC)
- > **Fuel-oil ratio:** 40:1
- > **Cutting blade:** 3 teeth, Ø255 x Ø25.4 mm
- > **Trimmer head:** bumping type, Ø3.0 mm nylon line

Engine

- > **Engine model:** SL36E, air cooled 2-stroke
- > **Engine displacement:** 33 cm³
- > **Maximum engine power (in accordance with ISO 8893):** 1.0 kW
- > **Maximum speed of the spindle (rotational frequency):** 8000 min⁻¹
- > **Maximum operating engine speed (rotational frequency):** 10000 min⁻¹
- > **Idle speed:** 2500 min⁻¹
- > **Fuel consumption (in accordance with ISO 8893) at max. engine performance:** 0.54 kg/h
- > **Specific fuel consumption (in accordance with to ISO 8893) at max. engine performance:** 540 g/kWh
- > **Spark plug type:** CHAMPION RCJ6Y
- > **Spark plug gap:** 0.6 – 0.7 mm

Sound emission level

Equivalent sound pressure level at operator position determined in accordance with ISO 22868

- > **Brush cutter $L_{pA\ av}$:** 98.2 dB(A)
- > **Grass trimmer $L_{pA\ av}$:** 93.2 dB(A)
- > **K_{pA} uncertainty:** 3.0 dB(A)

Sound power level determined in accordance with ISO 22868 and Directive 2000/14/EC

- > **Brush cutter measured max. L_{WA} :** 107.0 dB(A)
- > **K uncertainty:** 2.49 dB(A)
- > **Grass trimmer measured max. L_{WA} :** 105.9 dB(A)
- > **K uncertainty:** 1.81 dB(A)
- > **Guaranteed sound power level:** 110 dB(A)

Equivalent vibration total value determined in accordance with ISO 22867

- > **Brush cutter (right handle):** 3.35 m/s²
- > **Brush cutter (left handle):** 2.99 m/s²
- > **Grass trimmer (right handle):** 4.86 m/s²
- > **Grass trimmer (left handle):** 3.40 m/s²
- > **K uncertainty :** 1.5 m/s²

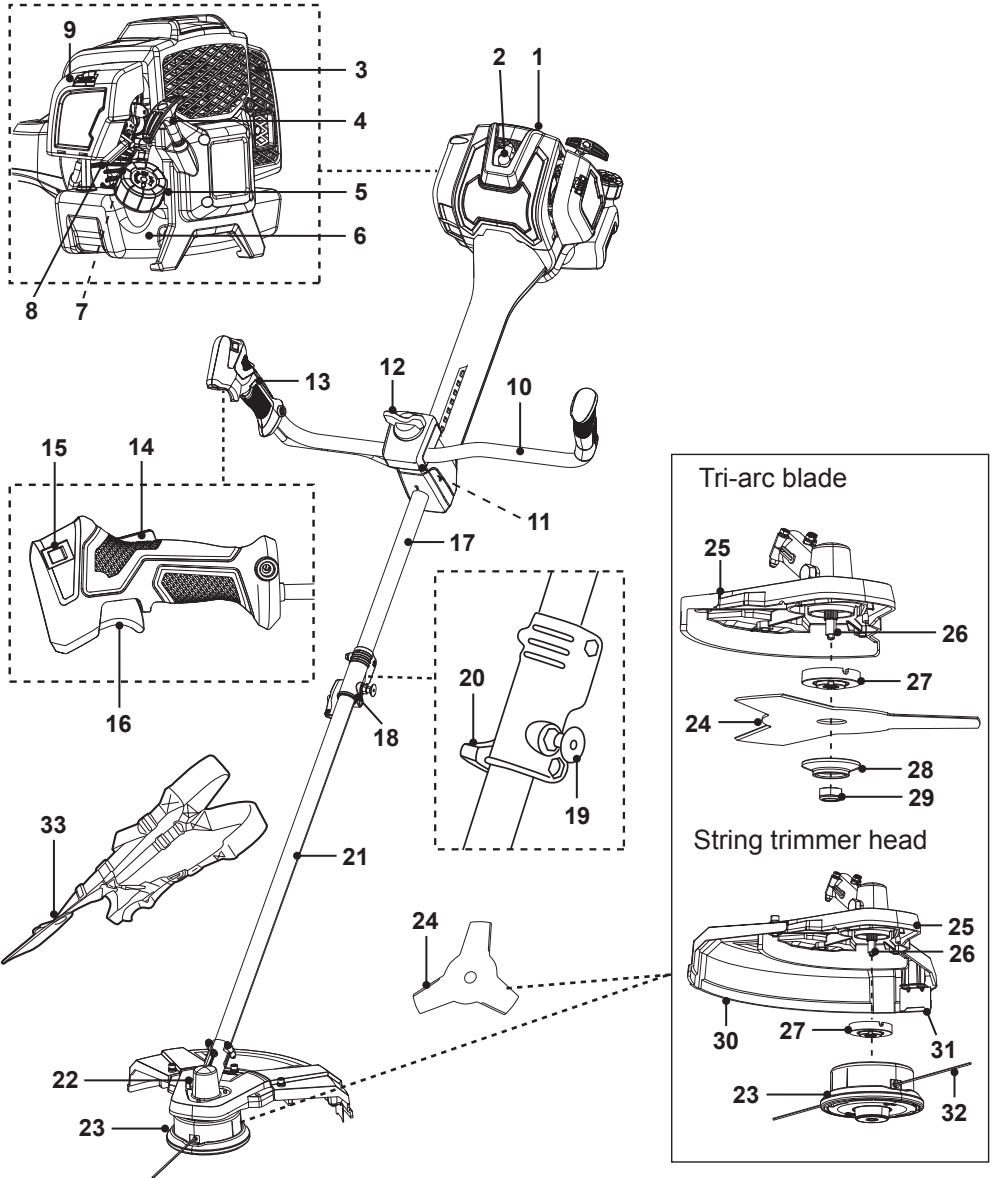
The sound values have been determined according to noise test code given in ISO 10884 and ISO 22867, using the basic standards ISO 22868.

Wear hearing protection, especially when sound pressure is over 80 dB(A).

The declared vibration value has been measured in accordance with a standard test method (according to EN ISO 11806-1) and may be used for comparing one machine with another. The declared vibration value may also be used to evaluate the exposure for the user caused by vibration in advance.

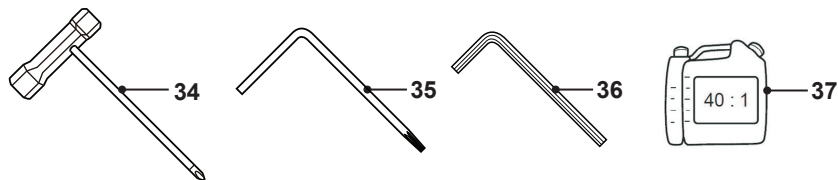


WARNING! Depending on the actual use of the machine the vibration values can differ from the declared total. Adopt proper measures to protect yourself against vibration exposures. Take the whole work process including times the machine is running under no load or switched off into consideration! Proper measures include among others regular maintenance and care of the machine and accessories, keeping hands warm, periodical breaks and proper planning of work processes!



1. Power unit
2. Spark plug connector
3. Ventilation openings
4. Recoil starter handle
5. Fuel tank cap
6. Fuel tank
7. Primer
8. Choke
9. Air filter case
10. U-handle
11. Handle connector
12. Fixing knob
13. Control handle
14. Throttle trigger lockout
15. Stop switch
16. Throttle trigger
17. Upper drive shaft tube
18. Tube clamp
19. Lock pin
20. Wing knob
21. Bottom drive shaft tube
22. Gear head
23. String trimmer head
24. Tri-arc blade (with transport cover)
25. Cutting-attachment guard
26. Spindle
27. Backing flange
28. Locking flange
29. Securing nut
30. Trimming guard
31. Cutting line cutter
32. Cutting line
33. Harness with hip pad

Accessories



34. Multi-tool I (Cross-head screwdriver/ socket wrench)
35. Multi-tool II (Torx screwdriver/round rod)
36. Hex key 5 mm
37. Fuel mixing bottle

Unpacking

1. Unpack all parts and lay them on a flat, stable surface.
2. Remove all packing materials and protective shipping materials, if applicable.
3. Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the machine and contact your dealer. Using an incomplete or damaged machine represents a hazard to operators and property.
4. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.



WARNING! The machine and the packaging are not children's toys! Children must not play with plastic bags, sheets and small parts! There is a danger of choking and suffocation!

You will need

(items not supplied)

- > Suitable personal protective equipment
- > Sharpening set
- > Fuel funnel with filter
- > Suitable 2-cycle motor oil (2T FC)
- > Suitable fuel (unleaded petrol)
- > Container to collect fuel
- > First aid kit
- > Dry powder fire extinguisher readily available

(items supplied)

- > Multi-tool I (34)
- > Multi-tool II (35)
- > Hex key 5 mm (36)
- > Fuel mixing bottle (37)

Assembly



WARNING! The machine must be fully assembled before operation!



Do not use a machine that is only partly assembled or assembled with damaged parts!

Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to assemble the machine easily!

Disconnect the spark plug connector before assembly! Reconnect it after assembly (see "Maintenance").



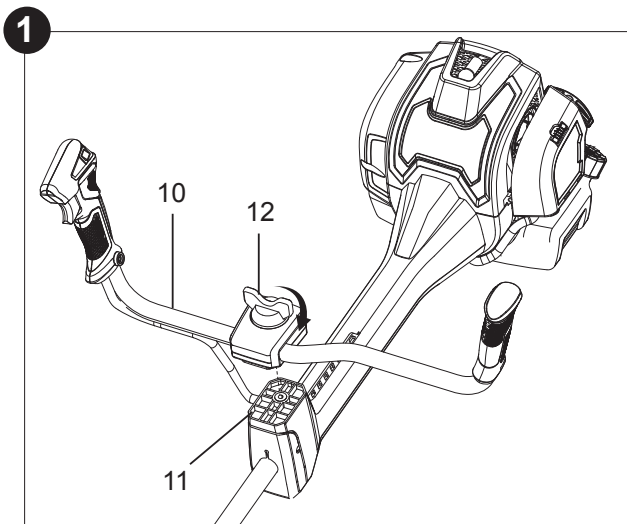
NOTE: Take care of small parts that are removed during assembly or when making adjustments. Keep them secure to avoid loss.



NOTE: To prevent the parts from coming loose during the operation, some parts are with reverse threads: turn clockwise to loosen, and turn anti-clockwise to tighten. Read carefully the instructions in this user manual for the correct tightening/loosening direction.

Assembling the U-handle

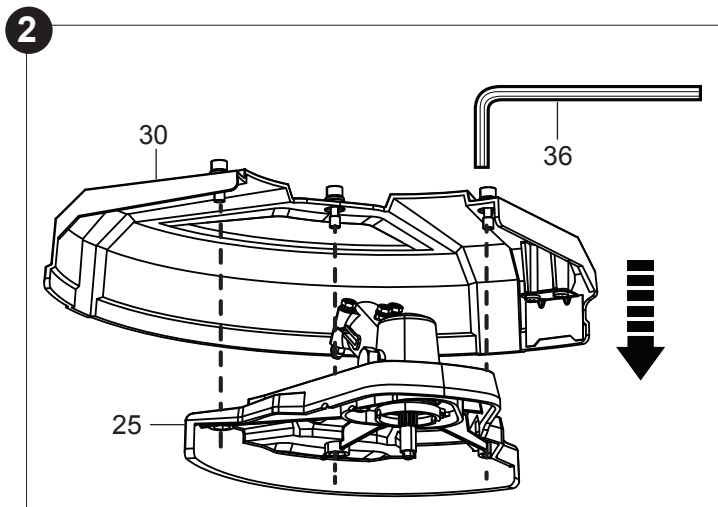
1. Attach the U-handle (10) onto the handle connector (11) making sure to align the pin on the U-handle with the hole on the connector (Fig. 1).
2. Press and turn the fixing knob (12) clockwise to secure the U-handle (10) in position. Ensure the accelerator cable is not twisted or kinked.



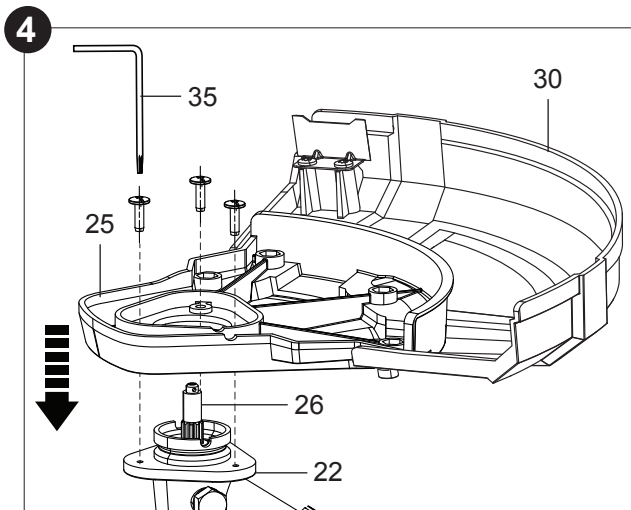
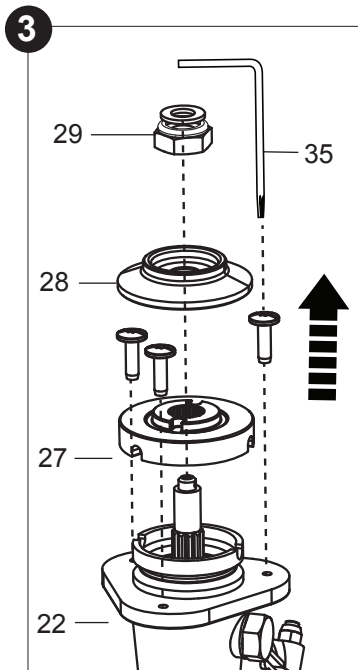
Assembling the string trimmer head

The string trimmer head (23) is used together with both the cutting-attachment guard (25) and the trimming guard (30). Use the trimmer head for cutting smaller types of weed, lawn grass or similar soft vegetation.

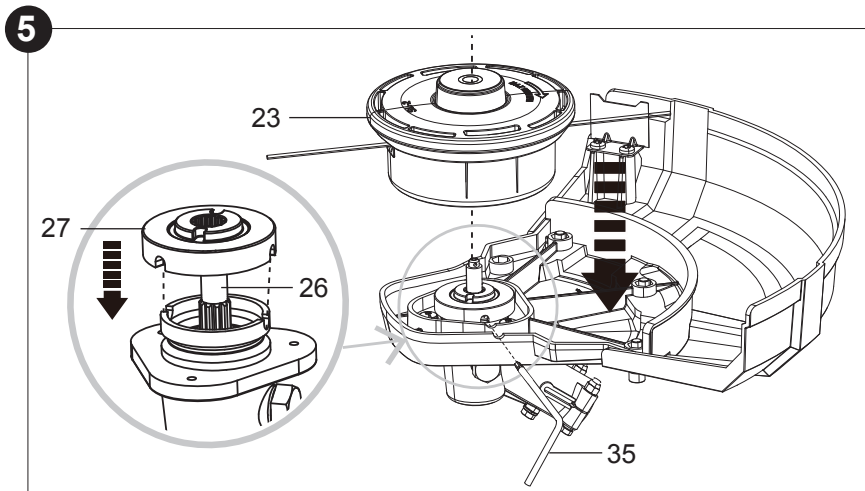
1. Put the trimming guard (30) onto the cutting-attachment guard (25) and tighten the three screws securely using the hex key (36) (Fig. 2).



2. Loosen the three pre-assembled screws on the gear head (22), using the multi-tool II (35) (Fig. 3).
3. With one hand holding the backing flange (27) and the locking flange (28), turn the securing nut (29) clockwise to loosen it.
4. Remove the securing nut (30), the locking flange (28) and the backing flange (27) from the gear head (22).
5. Attach the cutting-attachment guard (25) with the trimming guard (30) to the gear head (22). Secure the guards with the removed three screws (Fig. 4).



6. Put the backing flange (27) onto the spindle (26) (Fig. 5).
7. Rotate the backing flange (27) until one of its grooves is aligned with one of those on the gear head (22).
8. Insert the multi-tool II (35) into the groove to lock the rotation of the spindle (26).
9. Screw the string trimmer head (23) onto the spindle (26) anti-clockwise securely.
10. Make sure the string trimmer head (23) is firmly tightened and remove the multi-tool II (35).



Assembling the cutting blade

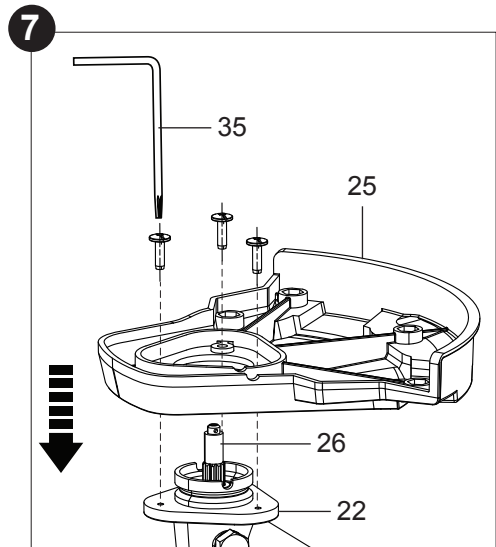
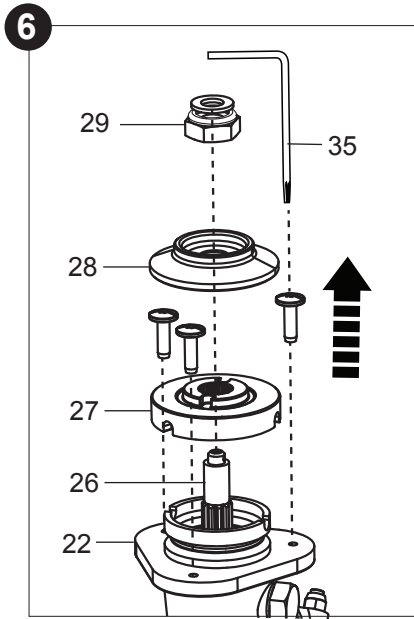
The tri-arc blade (24) is used together with the cutting-attachment guard (25). Use the tri-arc blade (24) for cutting heavier weeds, brush and similar vegetation with a thickness of up to 20 mm.



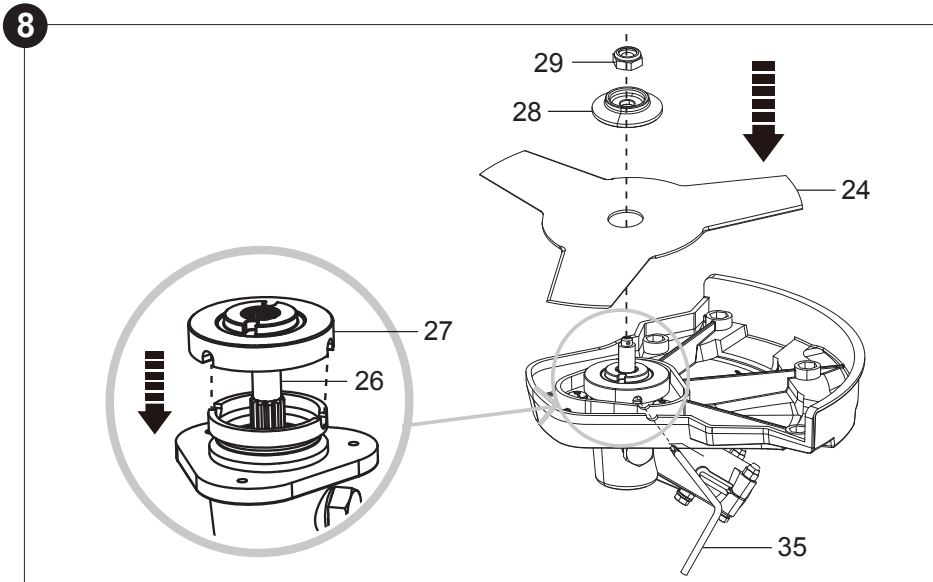
CAUTION! Risk of cuts! The tri-arc blade (24) is very sharp. Wear protective gloves when handling the cutting blades.



1. Loosen the three pre-assembled screws on the gear head (22), using the multi-tool II (35) (Fig. 6).
2. With one hand holding the backing flange (27) and the locking flange (28), turn the securing nut (29) clockwise to loosen it.
3. Remove the securing nut (29), the locking flange (28) and the backing flange (27) from the gear head (22).
4. Attach the cutting-attachment guard (25) to the gear head (22). Secure the guard with the removed three screws (Fig. 7).

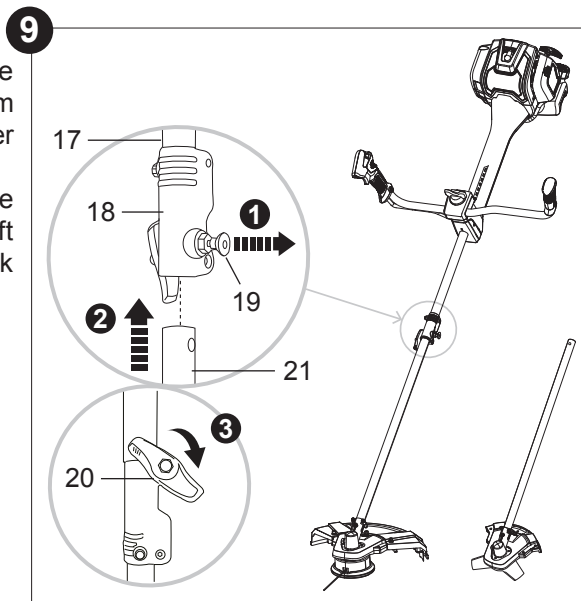


5. Put the backing flange (27) onto the spindle (26) (Fig. 8).
6. Rotate the backing flange (27) until one of its grooves is aligned with one of those on the gear head (22).
7. Insert the multi-tool II (35) into the groove to lock the rotation of the spindle (26).
8. Remove the tri-arc blade (24) from the transport cover and place it onto the spindle (26). The side with markings should be facing towards the gear head (22).
9. Place the locking flange (28) and then the securing nut (29) onto the spindle (26). The pins on the locking flange (28) should align with the grooves on the backing flange (27).
10. Using the multi-tool I (34) to tighten the securing nut (29) anti-clockwise to secure the parts in place.
11. Make sure the tri-arc blade (24) is firmly tightened and remove the multi-tool II (35).




Assembling the bottom drive shaft tube




1. Pull out the lock pin (19) on the tube clamp (18). Insert the bottom drive shaft tube (21) into the upper drive shaft tube (17) (Fig. 9).
2. Release the lock pin (19). Rotate and slide the bottom drive shaft tube (21) inward until the lock pin (19) snaps into place.
3. Tighten the wing knob (20) to secure the connection of the tubes.




Filling up fuel and oil


 **WARNING!** This machine is not supplied with petrol-oil mixture in the engine! Before operating this machine it is essential to fill it with petrol-oil mixture!

This machine is equipped with a 2-stroke engine. The fuel and oil tank are combined and it is essential to fill a fuel-oil mixture before operating this machine. Observe the technical specifications for suitable fuel and engine oil.





   **WARNING!** Fuel and oil are highly inflammable! Fumes will explode if lit! Ensure that there are no naked flames around the machine! Do not smoke while filling fuel and oil!

 **NOTE:** To avoid spillage and to filter out debris, use a funnel with filter to fill the fuel mixing bottle (37) and the fuel tank (6).

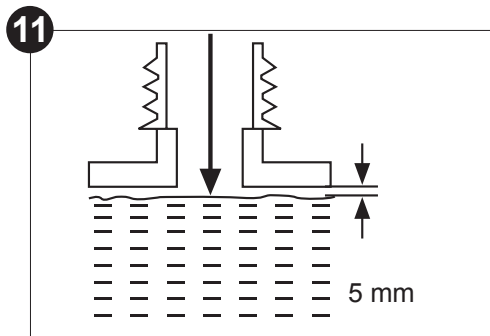
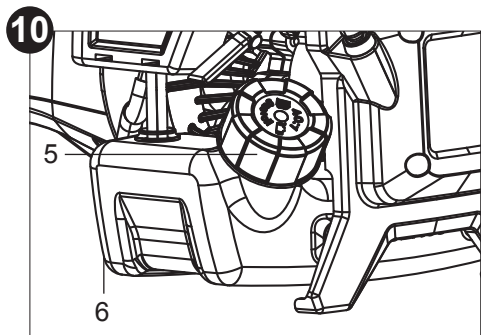
1. Place the machine on a stable, level surface with the fuel tank cap (5) facing upwards. We recommend laying a non-flammable sheet under the machine.
2. Pour a regular-grade unleaded petrol and a quality engine oil for air cooled 2-stroke engines in the supplied fuel mixing bottle (37) respectively via the 2 openings. Use the scale markings on different sides for the desired ratio for petrol:oil. For example, fill petrol to scale marking "10" first, and then fill 2-stroke oil to scale marking "10". This indicates a correct ratio of 40:1 when using the scale 40:1.
3. Tilt and shake the bottle thoroughly to mix the fuel.

 **NOTE:** Use an anti-oxidant added quality oil expressly labelled for air-cooled 2 stroke engine use (JASO FC GRADE OIL or ISO EGC GRADE). Do not use BIA or TWC (2 stroke water-cooling type) mixed oil. The recommended mixing ratio for petrol:oil is 40:1.

 **CAUTION! Risk of machine damage.** Never mix fuel and oil directly in the tank of the machine.

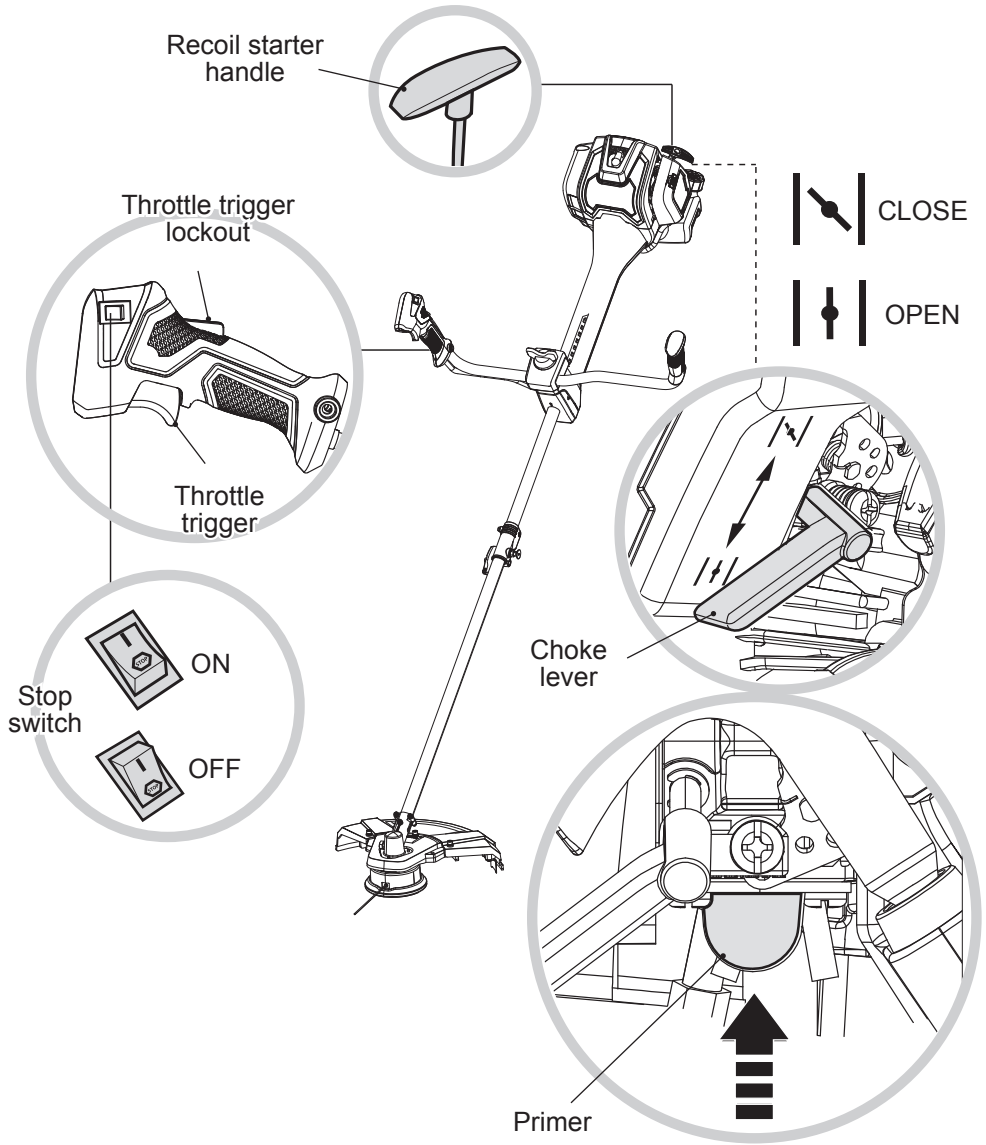
			=	
100 ml	+	2.5 ml	=	40:1
200 ml	+	5 ml	=	
300 ml	+	7.5 ml	=	
400 ml	+	10 ml	=	

4. Unscrew and remove the fuel tank cap (5) (Fig. 10).
5. Fill the fuel into the fuel tank (6). Leave approximately 5 mm of space between the top of the fuel and the inside edge of the tank to allow for expansion. Do not overfill (Fig. 11).
6. Wipe up spilled fuel with a soft cloth. Refit and screw the fuel tank cap (5) firmly (Fig. 10).



NOTE: Fuel and oil deteriorate over time. It may be difficult to start the engine if you use fuel which has been kept for more than 30 days. Towards the end of the season, it is advisable to put only as much fuel in the tank as you need for each use, since it should be completely used up before storing the machine. Empty remaining fuel from the tank after each use.

Operating controls



Preparation

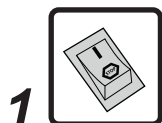


Assemble



Add fuel and oil
mixture

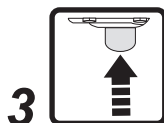
Starting cold engine



Set stop switch
to I



Set the choke
to CLOSE



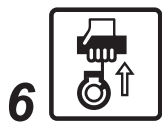
Press primer
6 times



Pull recoil
starter handle
4 times (if
engine already
started, ignore
step 5, 6 and
go to step 7
directly)



Set the choke
to OPEN



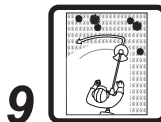
Pull recoil
starter handle
until engine
starts



Press and
release the
throttle lockout
and throttle
trigger to let
engine run at
idle


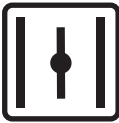





Run idle for
2 minutes



Operate

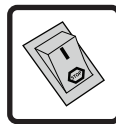
Starting warm engine

- 1  Set stop switch to **I**
- 2  Set the choke to **OPEN**
- 3  Pull recoil starter handle until engine starts
- 4  Press and release the throttle lockout and throttle trigger to let engine run at idle
- 5  Operate

Stopping



Release throttle trigger and throttle trigger lockout



Set stop switch to **STOP**

Storage



Empty fuel tank



Empty oil



Clean and maintain



Store



WARNING! This quick start provides only a short overview of how to start and stop the machine! For safe use it is essential to read the entire instruction manual before first use!

Intended use

This petrol brush cutter TTBCP33-4 is designated with a maximum power output of 1.0kW.

- > With the tri-arc blade and cutting-attachment guard attached, the machine is intended to cut heavier weeds, brush and similar vegetation with a thickness of up to 20 mm.
- > With the trimmer head and trimming guard attached, the machine is intended to cut smaller types of weed, lawn grass or similar soft vegetation.



WARNING! The machine must be used by an experienced operator* having read and understood the safety requirements provided within this instruction manual using appropriate personal protective equipment (PPE)!

This machine must not be used for cutting other materials, such as plastic, stone, metal, wood that contains foreign objects, or materials that are harmful to health. This machine should not be used for cutting unusually thick grass or vegetation, wet grass, or shredding leaves. For safety reasons it is essential to read the entire instruction manual before first operation and to observe all the instructions therein. This machine is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described.

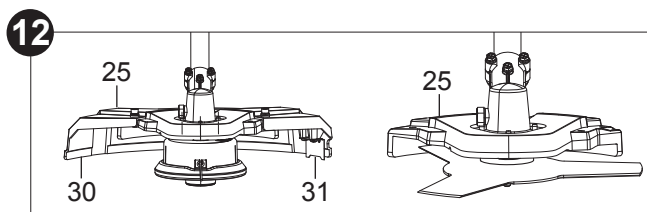
* A trained operator is a person who has the competence and knowledge in the use and hazards associated with using a machine as well as the precautions to be taken to limit these hazards.

Safety equipment

The machine has several pieces of safety equipment which reduce the risk of injury when working.

Cutting and trimming guard

- > The guards (25, 30) protect the operator against thrown objects during operation.
- > The cutting line cutter (31) is integrated with the trimming guard and shortens the cutting line (32) to the necessary length (Fig. 12).
- > When using the string trimmer head (23), both the cutting-attachment guard (25) and the trimmer guard (30) must be assembled.
- > When using the tri-arc blade (24), assemble the cutting- attachment guard (25) only.



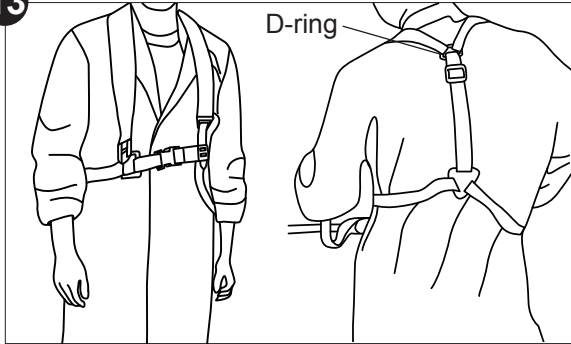
Harness



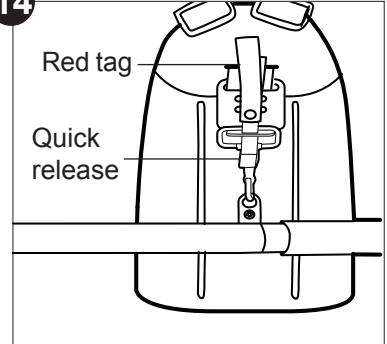
NOTE: The harness improves working movement and enables the operator to manage the job in a safer way and takes the strain away from the body. Always wear the harness when working with the machine. Always turn the machine off and wait until the cutting attachment stops completely before taking off the harness.

1. Hold the harness (33) by the D-ring. Shake the harness to allow all straps to fall in place.
2. Unbuckle and slip straps over your shoulders (Fig. 13). The hip pad must be located at the right hip.
3. Buckle the straps. Clip the harness (33) to the upper shaft tube (17).
4. Adjust the length of the harness (33) so that the weight of the machine is balanced and the cutting attachment is approximately 10-15 cm above the ground.

13



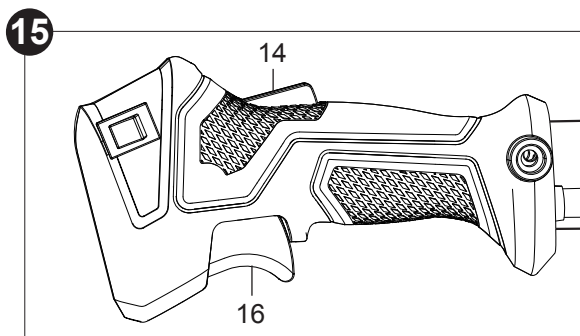
14



WARNING! In the event of an emergency, pull the red tag of the quick-release upwards to release the machine from the harness (Fig. 14). Frequently check the efficiency of the quick-release in order to free the machine quickly from the harness in the event of danger.

Throttle trigger lockout

The throttle trigger lockout (14) prevents unintentional start of the throttle trigger (16). The throttle trigger can only be activated if the throttle trigger lockout is pressed (Fig. 15). Press and release the throttle trigger lockout (14) and the throttle trigger (16) will set the engine running at idle speed.



DANGER! Risk of injury! The machine must only be put into operation if no faults are found. If any safety equipment is defective, it must be replaced before the next use.

Operation

Check before starting:

1. Check the machine, as well as accessories for damage before each use. Do not use the machine if it is damaged or shows wear.
2. Double check that accessories and the cutting attachment are properly fixed.
3. Check the fuel level, refill if necessary.
4. Always hold the machine by its handles. Keep the handles dry and clean to ensure proper grip.
5. Ensure that the air vents are unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the machine.
6. Wear correct personal protection equipment to protect yourself from hidden objects that may be thrown from the cutting attachments.
7. Ensure the area to be worked is clear of stones, sticks, wire etc. or other objects that could damage the tool.
8. Stop the engine immediately if you are disturbed while working by other people entering the working area. Always let the machine come to complete stop before putting it down.
9. Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the machine.



NOTE: In some countries regulations define at what time of the day and on what special days machines are allowed to be used and what restrictions apply! Ask your community for detailed information and observe the regulations in order to preserve a peaceful neighbourhood and avoid committing administrative offenses!

Starting the engine



DANGER! Risk of fire!

- > Due to any spilled fuel, the machine can catch fire.
- > Wipe any spilled fuel up before starting.
- > Start the engine a few metres away from the place where you have filled it.



WARNING! Risk of injury!

- > Before trying to start the engine, make sure cutting- attachment guard is correctly assembled and the cutting attachment should not touch ground or any objects.
- > The cutting attachment may start to move during the process of starting. The starting process is NOT finished yet. ALWAYS press and release the throttle lockout and throttle trigger to set the engine run at idle speed! Strictly follow the starting process as instructions!



NOTE: Risk of machine damage!

Never twist the starter cord around your hand! Only pull on the handle!


Do not suddenly release the recoil starter handle! Allow the rope to return slowly and in a controlled manner each time it is pulled!

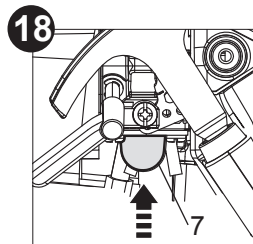
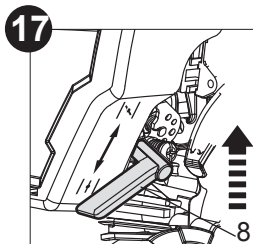
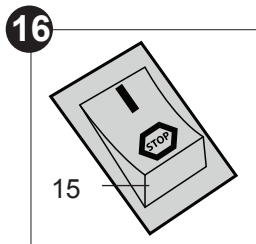


NOTE: If the engine does not start, the engine may be flooded. Flooding is caused by too much fuel mixture applied at the wrong time and can prevent a machine from starting. Follow below procedure:

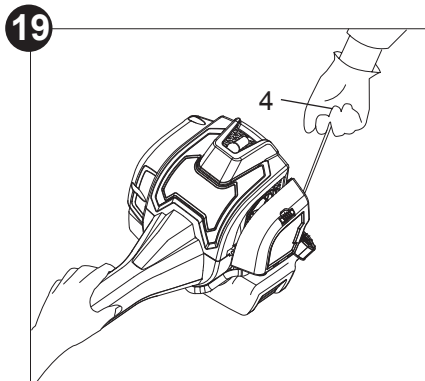
Remove the spark plug and dry the spark plug. Pull the recoil starter handle slowly for several times to drain the fuel from the combustion chamber. Wait until fuel vapours and refit the spark plug. Clean up any spilled fuel and move the machine at least 3 metres away before starting the engine to avoid any accidental fire. Wait the engine to cool down then cold start or warm start the machine as described.


Starting cold engine

1. Place the machine on a flat and stable surface. The cutting attachment should not touch ground or any objects. Set stop switch (15) to I (Fig. 16).
2. Set the choke (8) to CLOSE  position (Fig. 17).
3. Press the primer (7) 6 times until the bubble is filled with fuel (Fig. 18).




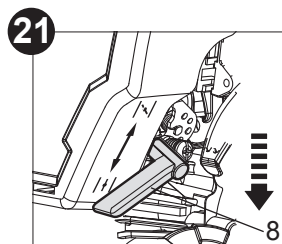
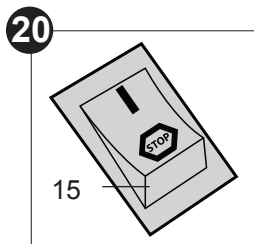
4. Hold the machine securely to the ground with your left hand. Pull the recoil starter handle (4) slowly with your right hand until you feel a definite resistance and then give it a brisk, strong pull. Repeat until the engine attempts to start but no more than 4 times (Fig. 19). (If engine already started within 4 pulls, ignore step 5, 6 and go to step 7 directly.)



5. Set the choke (8) to OPEN  position.
6. Pull the recoil starter handle (4) slowly with your right hand until you feel a definite resistance and then give it a brisk, strong pull. Repeat until the engine starts.
7. Immediately press and release the throttle lockout (14) and throttle trigger (16) to let engine run at idle speed.
8. Let the machine run in idle for 1 to 2 minutes to let it warm up.

Starting warm engine

1. Place the machine on a flat and stable surface. The cutting attachment should not touch ground or any objects. Set stop switch (15) to I (Fig. 20).
2. Ensure the choke (8) is set to OPEN  position (Fig. 21).



3. Hold the machine securely to the ground with your left hand. Pull the recoil starter handle (4) slowly with your right hand until you feel a definite resistance and then give it a brisk, strong pull. Repeat until the engine starts (Fig. 19).
4. Press and release the throttle lockout (14) and throttle trigger (16) to let engine run at idle speed.

After starting the engine

1. Press the throttle trigger lockout (14) and then slowly press the throttle trigger (16) to increase the engine speed.
2. Check if the cutting attachment stops rotating when you release the throttle trigger (16).
3. Once the engine is running smoothly, carefully lift the machine and secure it to the harness (33) using the clip.



WARNING! Always attach the machine to the harness (34). Do not carry it only with you hands.

Stopping the engine

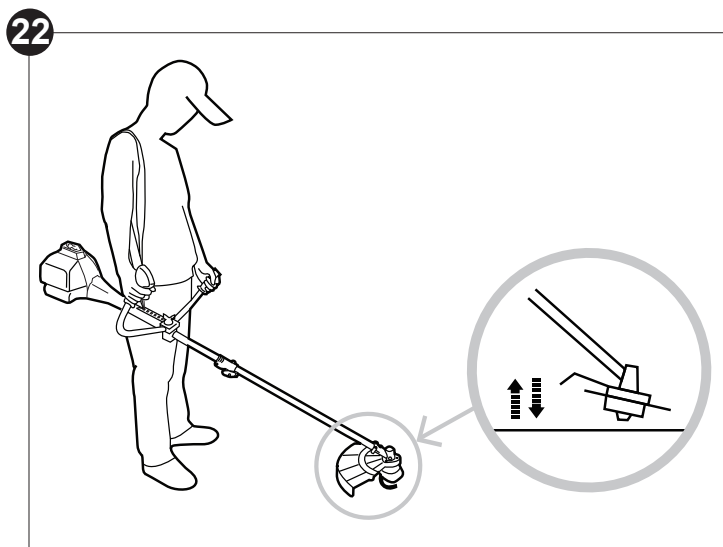
1. Release the throttle trigger (16) and let the machine run in idle for a while.
2. Set stop switch (15) to **STOP**.



WARNING! The machine continues to work for some time even after the engine has been stopped! Wait until it comes to a complete stop before you put the machine down!

Trimmer line feeding

The string trimmer head (23) is equipped with a bumper help to feed the cutting line (32). Simply tap the bumper on a firm ground while the machine is operating, the spool will release fresh trimming line. A cutting line cutter (31) is integrated with the trimming guard (30) and it cuts the line to necessary length (Fig. 22).



Cutting/trimming tips



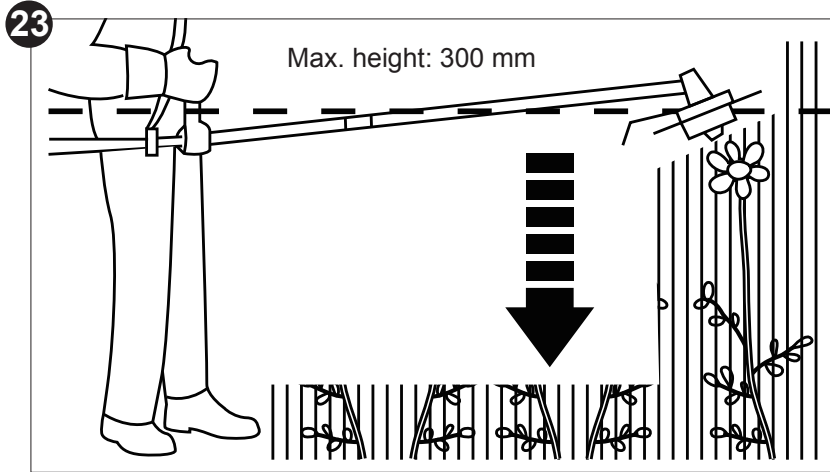
WARNING! Avoid contacting the cutting blade with stones, wire, glass, etc. that may cause injury to the operator. Inspect the cutting blade regularly for damage, cracks or breaks.



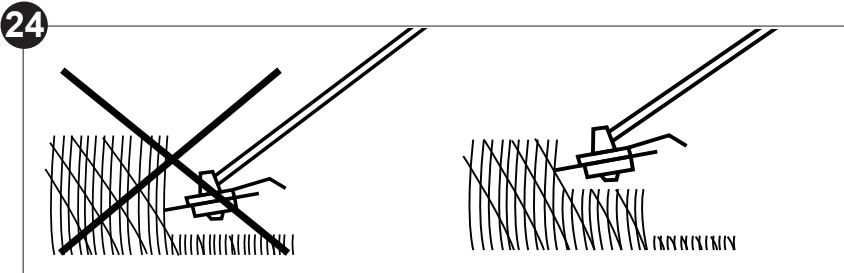
WARNING! When working with the cutting blade, there is always a risk of kickback if the cutting head comes into contact with a hard object. Kickback will cause the sudden stalling of the cutting head, which in turn results in the cutting head being forced in the opposite direction to the rotation of the cutting blade. Ensure that you retain a firm grip with both hands. In an event of a kickback retain a firm stance to avoid injuries.

- > Stand upright, do not lean forward and pay attention to the posture. Keep both feet apart to help retain body balance.
- > Carefully plunge the cutting attachment from above when cutting long undergrowth.
- > Move the cutting attachment towards the base of young trees or thicker vegetation.

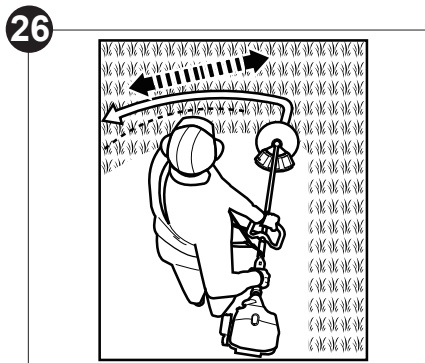
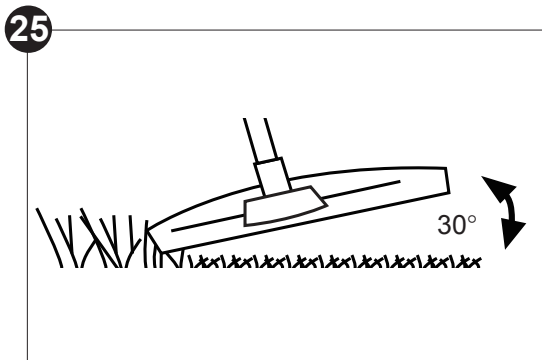
- > Do not lift the cutting attachment higher than your hip. The higher you hold the cutting attachment, the higher the risk of objects being thrown (Fig. 23).



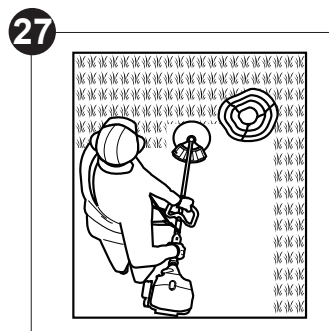
- > Avoid cutting tall grass in one cut. Trim taller grass in stages (Fig. 24).



- > Hold the cutting attachment just above the ground at an angle of approximately 30° (Fig. 25).
- > Move the machine with slow and regular motion from left to right before moving it back to the starting position and trimming the next area (Fig. 26).



- > Ensure that the cutting attachment remains clean and free of off-cuts to avoid jamming. Make sure the stop switch (15) is set to **STOP** and the spark plug connector (2) is removed before checking the cutting attachment for defects.
- > Avoid cutting wet grass as it tends to stick to the moving parts.
- > Pay special attention when performing the work close to trees and bushes (Fig. 27).



After use

1. Stop the engine, disconnect the spark plug connector and let the engine cool down.
2. Check, clean and store the machine as described below.



WARNING! The cutting attachment continues to rotate for some time after the engine has been switched off. Wait until the cutting attachment comes to a complete stop before setting the machine on the ground.

The golden rules for care



WARNING! Always stop the engine, disconnect the spark plug connector (2) and let the engine cool down before performing inspection, maintenance and cleaning work.



DANGER! Proper maintenance is essential for safe and trouble free operation. Improper maintenance, or failure to address a problem instantly can cause a malfunction which can result in serious injury or even death.

1. Keep the machine clean. Remove debris after each use and before storage.
2. Regular and proper cleaning helps to ensure safe operation and prolongs the life of the machine.
3. Inspect the machine before each use for worn and damaged parts. Do not operate it if you find broken and worn parts. Replace worn parts as necessary or contact an authorised service centre for repair before using the machine again.



WARNING! Only perform repairs and maintenance work according to these instructions! All other works must be performed by a qualified person!

Cleaning



NOTE: Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this machine as they might be harmful to its surfaces.

Cleaning the housing

- > Use a damp, lint-free cloth to clean the housing.
- > Do not immerse the machine into water or any liquids.
- > Clean the ventilation openings (3) on the bottom and at the side cover of the engine with a soft brush. Clogged ventilation openings (3) might cause the engine to overheat.
- > Wipe the surface with a dry cloth afterwards.

Cleaning the cutting attachment

- > Disassemble the cutting attachment in reversed order from assembly.
- > Use compressed air (max. 3 bar) to remove dirt accumulated on the cutting attachment.
- > Use a damp, lint-free cloth to clean the surface.
- > Wipe the surface with a dry cloth afterwards.

Maintenance table

Inspect and maintain this machine regularly based on below maintenance table. Keep the machine in good working condition during maintenance.

Part	Task	Before/after each use	Every 10 hours of operation	Every 25 hours of operation
Spark plug	check			X
	clean			X
	replace		whenever necessary	
Air filter	check	X		
	clean		X	
	replace		whenever necessary	
Fuel filter and fuel lines	clean		whenever necessary	
	replace		whenever necessary	
Cutting attachment	check	X		
	lubricate	X		
	clean	X		
	replace		whenever necessary	

Cutting line

If the cutting line is used up, either the spool must be replaced by one of the same type or the cutting line must be refilled.

Before replacing the spool or the cutting line:

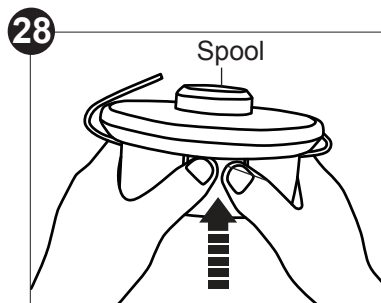
1. Lay the machine on a flat stable surface with its spool assembly facing upwards.
2. Remove the trimmer head from the gear head (22).
3. Press the tabs on the side of the spool assembly and pull to detach the spool (Fig. 28).

To replace the spool:

1. Remove the old one from the spool assembly.
2. Replace with a new one of the same type.

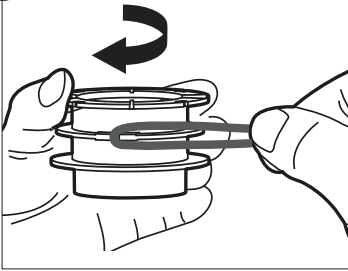
To replace the cutting line:

1. Take out the old spool and remove the remaining cutting line.
2. Cut a new 3 meter long cutting line with a diameter of 2.4 mm.

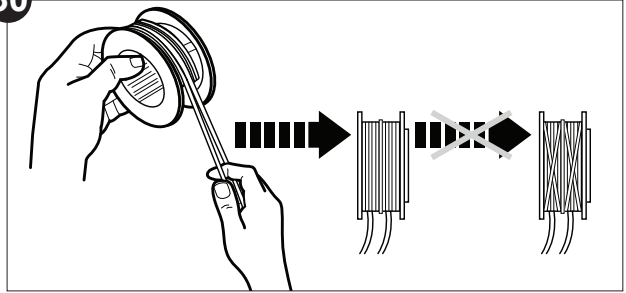


3. Form a loop at the middle of the line and insert this loop into the hook on the spool (Fig. 29).
4. Wind the two parts of the cutting line clockwise firmly around the spool (Fig. 30).
5. Place the spool into the spool assembly and pass each end of the cutting line through the respective holes.
6. Pull both ends of the cutting line so there is 15 cm of loose cutting lines.

29



30



WARNING! After changing the cutting line, run the machine under no load for at least a minute to make sure that the line was installed properly and the machine operates correctly.



WARNING! Never use steel threads or cutting lines!

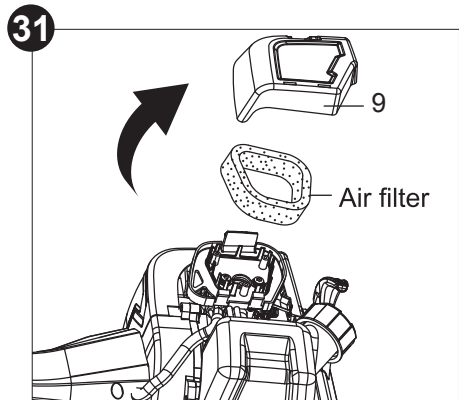


NOTE: To keep the cutting line elastic, remove the trimmer head (23) and store it in a damp place. Two or three days before the start of the new season, place the cutting line in water to keep it flexible.

Air filter

Inspect the air filter regularly. Clean or replace it with a new one if necessary.

1. Press the locking tab on the air filter case (9) and open its cover (Fig. 31).
2. Remove the filter and tap it on a stable surface to remove dust. Use compressed air (max. 3 bar) to remove stubborn dust.
3. Apply a small amount of air filter oil on the filter to obtain an optimal performance. Wring out surplus oil and put the filter into the case.
4. Refit the filter and close the cover of the air filter case (9).



Fuel, fuel lines and fuel filter

The fuel tank of this machine is fitted with a filter located at the free end of the fuel pipe. If it is necessary to clean or replace the fuel filter, contact an authorised service centre or a similarly qualified person.

- > Keep fuel fresh (less than 30 days) or add fuel stabiliser.
- > Empty the fuel tank after every use.
- > Run the machine dry of fuel in idle before storage.

Replace fuel lines and fuel filters every 2 years.

Spark plug

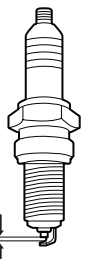


NOTE: For good performance, the spark plug must be properly gapped and must be free of deposits.

Inspect the spark plug every 25 hours or before long-term storage over 30 days. Clean or replace with a new one if necessary.

1. Unplug the spark plug connector (2).
2. Loosen the spark plug anti-clockwise using the multi-tool I (34) and remove it carefully.
3. Check the spark plug for damage and wear. The colour of the electrode should be light-brown.
4. Remove the deposits from the electrode with a soft wired brush. Avoid heavy cleaning of the electrode.
5. Dry the spark plug with a soft cloth, if it is wet from fuel.

32



0.6 mm-
0.7 mm

6. Check the spark plug gap. It should be 0.6-0.7 mm (Fig. 32).
7. Replace with a new spark plug if either the electrode or the insulation is damaged.
8. When replacing the spark plug, first screw it in hand tight and then lightly tighten it with the multi-tool I (34).



NOTE: Do not over tighten the spark plug to avoid any damage!

9. Refit the spark plug connector (2).

Gear head

The gear head is filled with grease. If it be necessary to be refilled with grease, contact an authorised service centre or a similarly qualified person.

Cutting blade

Remove the cutting blade and clean it. Check it for any damage and protect it from corrosion. If necessary take the cutting blades to an authorized dealer for sharpening.

Carburetor

The carburetor is pre-adjusted by the manufacturer. If it is necessary to adjust the carburetor, contact an authorised service centre or a similarly qualified person. Do not perform any adjustment by yourself.

Silencer

If it is necessary to adjust or replace the silencer, contact an authorised service centre or a similarly qualified person.

Spare parts/Replacement parts

The following parts of this machine may be replaced by the consumer. Spare parts are available at an authorised dealer or through our customer service.

Description	Model no. or Specification
Cutting blade	Tri-arc blade: 3 teeth, Ø255 x Ø25.4 mm
Cutting line	Ø3.0 mm nylon line
Spark plug	CHAMPION RCJ6Y (Gap of electrodes: 0.6-0.7 mm) or other model with same specifications

Repair

This machine does not contain any parts that can be repaired by the consumer. Contact an authorised service centre or a similarly qualified person to have it checked and repaired.

Storage



WARNING! Risk of injury! Make sure that unauthorized persons do not have access to the machine!



NOTE: Good storage conditions are important for keeping the machine trouble-free.

1. Clean the machine as described above.
2. Attach transportation guards, if applicable.
3. Store the machine and its accessories in a dry, frost-free, well-ventilated place.
4. Always store the machine in a place that is inaccessible to children. The ideal storage temperature is between 10 and 30 °C.
5. Store the machine in its bag or cover it with a suitable cloth to protect it against dust.

Short term storage (less than 1 day)

1. Let the machine cool down before storage.
2. Store the machine as horizontally as possible. Make sure that no fuel-oil mixture can run out of the carburetor.

Long term storage



NOTE: Risk of machine damage!

- > If you are not going to use the machine for a while, remove the fuel from the machine. This way, you will prevent a gumming-up of the engine and of the grease pump.
- > Store the machine in a dry place and far away from possible sources of ignition such as ovens, gas thermostats, etc.

1. Empty the fuel tank (6) using a fuel pump if you are not going to use the machine for more than 1 day, and especially before winter storage.
2. Start the engine and let it run until the engine stops by itself (see "Starting the engine").
3. Let the engine cool down (approx. 5 min).
4. Unplug the spark plug connector (2).
5. Let a teaspoon of clean two-stroke engine oil run into the combustion chamber.
6. Pull the recoil starter handle slowly several times in order to coat the internal components with the engine oil.
7. Refit the spark plug connector (2).

Transportation

1. Stop the engine and disconnect the spark plug connector (2) before transporting the machine.
2. Attach transportation guards, if applicable.
3. Always carry the machine by its bottom drive shaft tube (21).
4. Protect the machine from any heavy impact or strong vibrations which may occur during transportation in vehicles.
5. Secure the machine to prevent it from slipping or falling over, loss of fuel, damage and injury.

If you are transporting the machine in a vehicle:

- > Let the machine cool down.
- > Empty the fuel tank (6).
- > Secure the machine against slipping using bungee cords (not provided) and vehicle's transportation hooks.

Troubleshooting

Suspected malfunctions are often due to causes that the operators can fix themselves. Therefore check the machine using this section. In most cases, the problem can be solved quickly.



WARNING! Only perform the steps described in these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified person if you cannot solve the problem yourself!

Problem	Possible cause	Solution
Engine does not start	Fuel tank empty?	Check before starting!
	Stop switch set to O ?	Follow the engine starting procedure.
	Incorrect starting procedure?	Follow the engine starting procedure.
	Spark plug connector not firmly attached?	Attach the spark plug connector firmly.
	Spark plug is wet?	Dry the spark plug.
	Spark plug connector is dirty?	Clean the spark plug connector.
	Primer has been pressed at warm start? Excess fuel in the combustion chamber?	Release throttle trigger lockout, set the choke to CLOSE position and start engine several times. If the engine does not start: remove spark plug and dry the electrodes.
	Spark plug is soiled (tip is rusted)?	Clean the spark plug.
	Primer has not been pressed at cold start?	Press the primer 6 times and restart. Follow the engine starting procedure.
	Distance from electrode to spark plug too great?	Set the gap between electrodes between 0.6-0.7 mm.
Incorrect fuel or incorrect mixture?	Stop the engine, empty tank, then fill up with the correct mixture of fuel to oil (40:1).	

Problem	Possible cause	Solution
Engine does not start	Fuel filter clogged?	Clean/replace the fuel filter.
	Spark plug defective?	Replace spark plug.
	Engine cold?	Follow cold starting procedure.
	Carburetor setting not correct?	Have a qualified person adjust the carburetor.
Engine does not reach the maximum speed.	Air filter is soiled?	Clean the air filter.
	Incorrect fuel or incorrect mixture?	Stop the engine, empty tank, then fill up with the correct mixture of fuel to oil (40:1).
	Carburetor setting not correct?	Have an expert adjust it.
Bad cutting performance.	Inappropriate cutting attachment used?	Select the proper cutting attachment for the use.
	Wrong cutting height?	Adjust the cutting height.
	Cutting/trimming guard clogged?	Clean the cutting/trimming guard.
	Cutting blade is not sharp enough?	Replace the cutting blade.
Excessive vibration/noise or smoke.	Cutting attachment broken?	Replace the broken attachment.
	Flanges/nut loosen?	Stop the engine and re-tighten the loosen fasteners.
	Incorrect fuel or incorrect mixture?	Stop the engine, empty tank, then fill up with the correct mixture of fuel to oil (40:1).

Recycling and disposal

1. Old machines are potentially recyclable and do not, therefore, belong in your household rubbish. You are requested to assist us and our contribution to saving resources and protecting the environment by handing in this machine to an equipped collection centre (if there is one available).
2. Petrol, oil, used oil, a mixture of oil and petrol and objects soiled with oil e.g. cleaning cloths do not belong in the household rubbish. Dispose of oil-contaminated items in accordance with the local guidelines and hand them in at recycling centres.
3. The machine comes in a package that protects it against damage during shipping. Keep the package until you are sure that all parts have been delivered and the machine is operating properly. Recycle the package afterwards.



Congratulations on your purchase of a **TITAN** power tool from Kingfisher International Products Limited. We want you to continue getting the best performance from it so this handbook includes information on safety, handling and care. Please retain this handbook in case you need to refer to any of the information in the future.

Your **TITAN** power tool comes with a 2-year guarantee. Should it develop a fault within this period please do not return it to Store. Please contact the Titan 2 Stroke Helpline on: 0333 2000 339 in the first instance.

Guarantee

This **TITAN** product carries a guarantee of 2 year. If your product develops a fault within this period, you should, in the first instance contact: 0333 2000 339 (Mon-Fri: 09.00-17.00)

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For any enquiries relating to the guarantee please refer to your retailer.

Should you experience any issues with this Titan product, please do not return it to Store. Please contact the Titan 2 Stroke Helpline on: 0333 2000 339 or email cs@b-gr8.co.uk



(EN) EU DECLARATION OF CONFORMITY
 (FR) DÉCLARATION UE DE CONFORMITÉ
 (PL) DEKLARACJA ZGODNOŚCI UE
 (RO) DECLARAȚIA DE CONFORMITATE UE
 (ES) DECLARACIÓN UE DE CONFORMIDAD
 (PT) DECLARAÇÃO DE CONFORMIDADE UE

Product/ Produit/ Produkt/Produsul/Producto/Produto		
<ul style="list-style-type: none"> > Brush cutter/Débroussailleuse/Obcinarka do zarośli/Mașina de tuns tufișuri/ Desbrozadora/ Cortador de mato > TTBCP33-4 > 33 cm³, 1.0 kW > 000001 - 999999 		
Name and address of the manufacturer or his authorised representative: Nom et adresse du fabricant ou de son mandataire : Nazwa i adres producenta lub jego upoważnionego przedstawiciela: Denumirea și adresa producătorului sau a reprezentantului său autorizat: Nombre y dirección del fabricante o de su representante autorizado: Nome e endereço do fabricante ou do respetivo mandatário:		
Kingfisher International Products B.V., Rapenburgerstraat 175E, 1011 VM Amsterdam, The Netherlands www.kingfisher.com/products		
This declaration of conformity is issued under the sole responsibility of the manufacturer. La présente déclaration de conformité est établie sous la seule responsabilité du fabricant . Niniejsza deklaracja zgodności wydana zostaje na wyłączną odpowiedzialność producenta. Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului. La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante. A presente declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante.		
Object of the declaration/Objet de la déclaration/Przedmiot deklaracji/Obiectul declarației/Objeto de la declaración/Objeto da declaração		
Product/Produit/Produkt/Produsul/Producto/Produto	Model/Modèle/Model/Modelul/Modelo/ Modelo	EAN
Brush cutter/Débroussailleuse/Obcinarka do zarośli/Mașina de tuns tufișuri/ Desbrozadora/ Cortador de mato	TTBCP33-4	5059340124315

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union applicable :
Wymieniony powyżej przedmiot niniejszej deklaracji jest zgodny z odnośnymi wymaganiami unijnego prawodawstwa harmonizacyjnego:

Obiectul declarației descris mai sus este în conformitate cu legislația relevantă de armonizare a Uniunii:
El objeto de la declaración descrita anteriormente es conforme con la legislación de armonización pertinente de la Unión:

O objeto da declaração acima descrito está em conformidade com a legislação de harmonização da União aplicável:

2006/42/EC as amended	Machinery Directive
2014/30/EU as amended	Directive Electromagnetic compatibility
2000/14/EC as amended	Outdoor Noise Directive
2016/1628/EU Regulation	Gaseous and Particulate Pollutant Emission Limits
2011/65/EU as amended	Directive Restriction of the use of certain hazardous substances in electrical and electronic equipment

2006/42/CE telle que modifiée Directive sur les machines
2014/30/UE telle que modifiée Directive Compatibilité électromagnétique
2000/14/CE telle que modifiée Directive relative aux émissions sonores dans l'environnement des matériels destinés à être utilisés à l'extérieur des bâtiments
2016/1628/UE Règlement relatif aux exigences concernant les limites d'émission pour les gaz polluants et les particules polluantes telle que modifiée
2011/65/UE Directive relative à la limitation de l'utilisation de certaines substances dangereuses dans les équipements électriques et électroniques

2006/42/WE w zmienionej dyrektywie maszynowej
2014/30 / UE ze zmianami Dyrektywa Kompatybilność elektromagnetyczna
2000/14/WE w zmienionej dyrektywie w sprawie hałasu na zewnątrz
2016/1628/UE limity emisji zanieczyszczeń gazowych i cząstek stałych
2011/65 / UE ze zmianami Dyrektywa Ograniczenie stosowania niektórych niebezpiecznych substancji w sprzęcie elektrycznym i elektronicznym

2006/42/CE, astfel a fost modificată Directiva privind echipamentele
2014/30/UE, astfel a fost modificată Directiva privind compatibilitatea electromagnetică
2000/14/CE, astfel a fost modificată Directiva privind zgomotul în aer liber
2016/1628/UE Regulamentul privind emisiile de poluanți gazoși și de particule poluante
2011/65/UE, astfel a fost modificată Directiva privind limitarea utilizării anumitor substanțe periculoase în echipamentele electrice și electronice

Directiva sobre maquinaria modificada 2006/42/CE
2014/30/UE modificada Directiva Compatibilidad electromagnética
2000/14/CE modificada Directiva sobre ruido al aire libre
2016/1628/Reglamento de la UE Límites de emisiones de contaminantes gaseosos y partículas
2011/65/UE modificada Directiva Restricción del uso de determinadas sustancias peligrosas en equipos eléctricos y electrónicos

2006/42/CE como diretiva de máquinas alteradas
2014/30/UE como alteração da compatibilidade eletromagnética
2000/14/CE como diretiva de ruído exterior alterada
Limites de emissão de poluentes gasosos e de poluentes de partículas 2016/1628/REGULAMENTO da UE
2011/65/UE como restrição diretiva alterada da utilização de certas substâncias perigosas em equipamentos elétricos e eletrônicos

Measured Sound Power Level/ Niveau de puissance acoustique mesuré/ Zmierzony poziom mocy akustycznej/ Nivel de putere acustică măsurat/ Nivel de potencia sonora medido / Nivel de potência sonora medido: 107.0 dB(A)

Guaranteed Sound Power Level/ Niveau de puissance acoustique garanti/ Gwarantowany poziom mocy akustycznej/ Nivel de putere acustică garantat/ Nivel de potencia sonora garantizado/ Nivel de potência sonora garantido: 110 dB (A)

Engine Model/ Modèle de moteur/ Model silnika/ Modelul motorului/ Modelo de motor/ Modelo de motor: SL36E

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

Références des normes harmonisées pertinentes appliquées, y compris la date de celles-ci, ou des autres caractéristiques techniques, y compris la date de celles-ci, par rapport auxquelles la conformité est déclarée: Odwołania do odnośnych norm zharmonizowanych, które zastosowano, wraz z datą normy, lub do innych specyfikacji technicznych, wraz z datą specyfikacji, w odniesieniu do których deklarowana jest zgodność: Trimiteri la standardele armonizate relevante folosite, inclusiv data standardului, sau trimiteri la celelalte specificații tehnice, inclusiv data specificațiilor, în legătură cu care se declară conformitatea:

Referencias a las normas armonizadas pertinentes utilizadas, incluidas las fechas de las normas, o referencias a las otras especificaciones técnicas, incluidas las fechas de las especificaciones, respecto a las cuales se declara la conformidad:


Referências às normas harmonizadas aplicáveis utilizadas, incluindo a data da norma, ou às outras especificações técnicas, incluindo a data da especificação, em relação às quais é declarada a conformidade:

EN ISO 11806-1:2011

EN ISO 14982:2009

EN ISO 3744:1995

Authorized signatory and technical file holder/
Signataire et responsable de la documentation
technique autorisé/Podmiot uprawniony
do wystawienia i adres przechowywania
dokumentacji technicznej/ Semnatar autorizat
și deținătorul dosarului tehnic/Firmante
autorizado y titular del expediente técnico/
Signatário autorizado e detentor da ficha
técnica:



David Awe
Group Quality Director
On/le/dnia/la/am/el/em: 30/07/2021

Kingfisher International Products B.V.,
Rapenburgerstraat 175E,
1011 VM Amsterdam, The Netherlands
www.kingfisher.com/products



(UK) DECLARATION OF CONFORMITY

Product

- Brush cutter
- TTBCP33-4
- 33 cm³ , 1.0 kW
- 000001 - 999999

Name and address of the manufacturer or his authorised representative:

Kingfisher International Products Limited
3 Sheldon Square
London W2 6PX
United Kingdom

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration

Product	Model	EAN
Brush cutter	TTBCP33-4	5059340124315

The object of the declaration described above is in conformity with the relevant legislation:

Supply of Machinery (Safety) Regulations 2008 as amended
Noise Emission in the Environment by Equipment for Use Outdoors Regulations 2001 as amended
The Non-Road Mobile Machinery (Type-Approval and Emission of Gaseous and Particulate Pollutants) Regulations 2018 as amended
Electromagnetic Compatibility Regulations 2016 as amended
The Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 as amended

Measured Sound Power Level: 107.0 dB(A)

Guaranteed Sound Power Level: 110 dB(A)

Engine Model:SL36E

References to the relevant designated standards used or references to the other technical specifications in relation to which conformity is declared:

EN ISO 11806-1:2011
EN ISO 14982:2009
EN ISO 3744:1995

Signed for and on behalf of:

Kingfisher International Products Limited
3 Sheldon Square
London W2 6PX
United Kingdom

David Awe
Group Quality Director

On: **30/07/2021**



**Manufacturer, Fabricant, Prodecent,
Producător, Fabricante:**

UK Manufacturer:

Kingfisher International Products Limited
3 Sheldon Square London W2 6PX
United Kingdom

EU Manufacturer:

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