

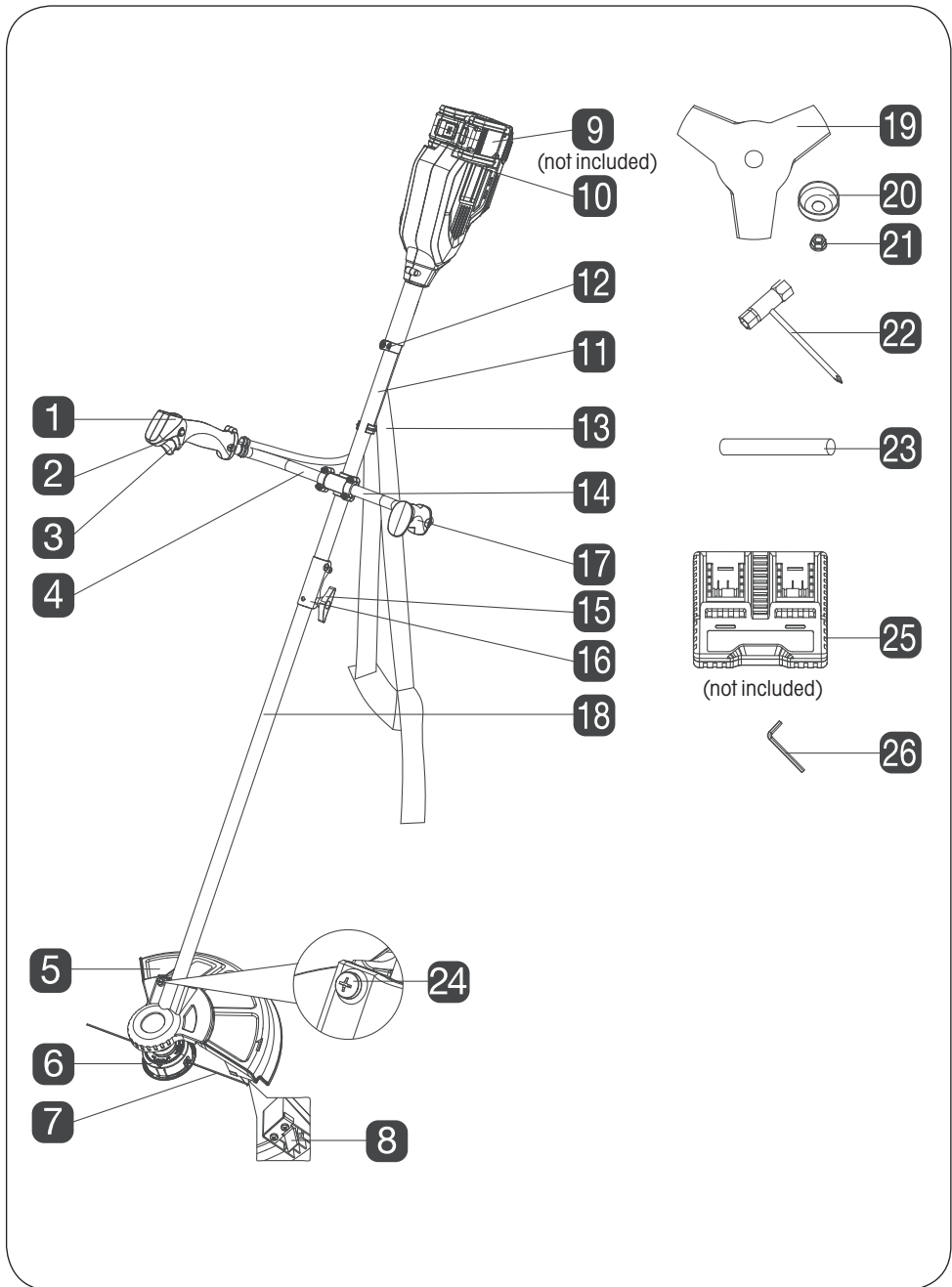


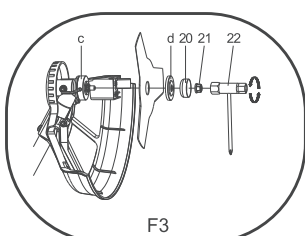
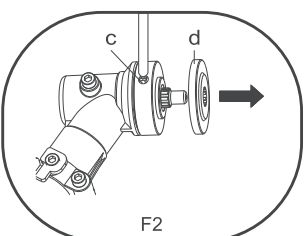
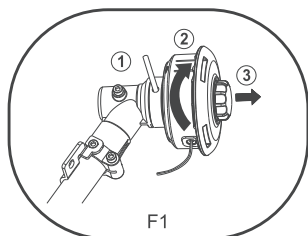
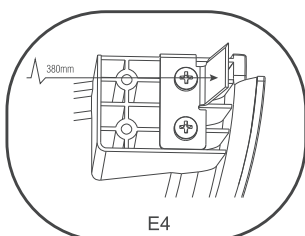
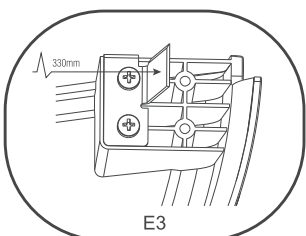
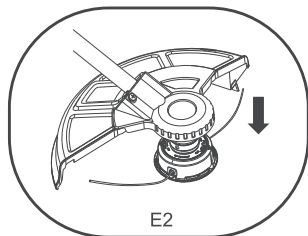
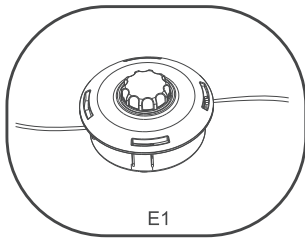
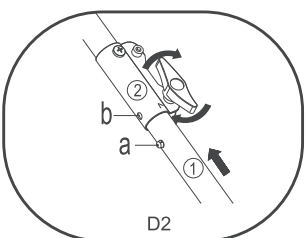
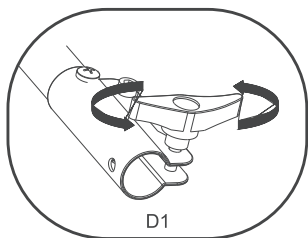
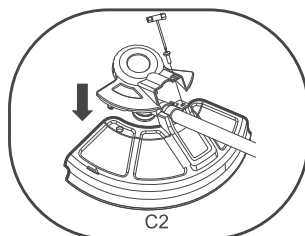
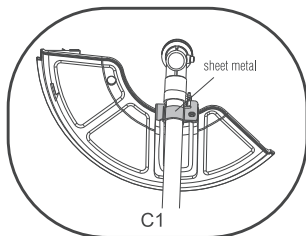
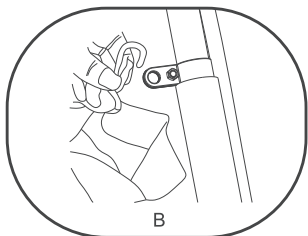
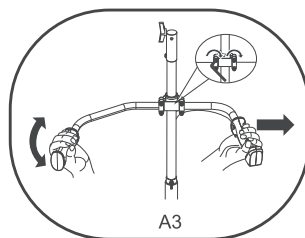
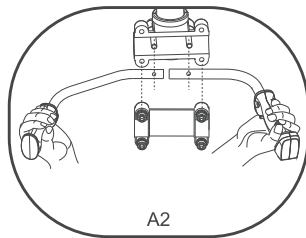
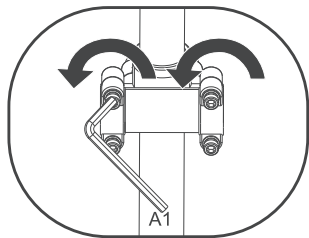
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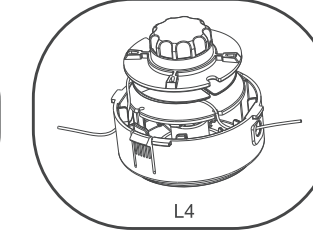
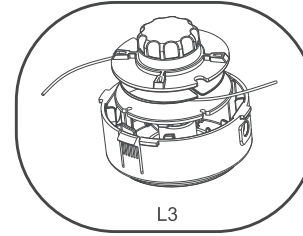
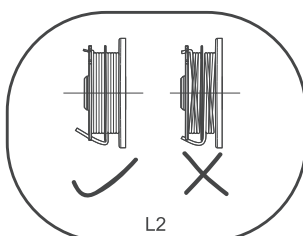
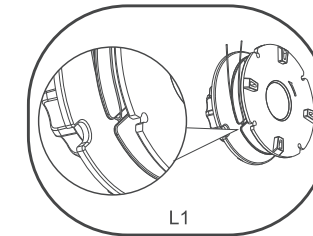
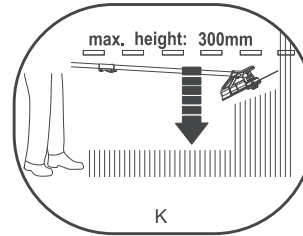
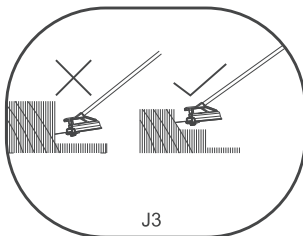
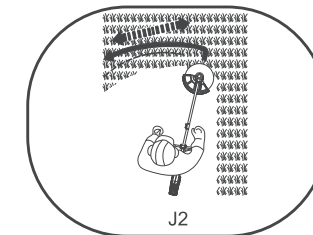
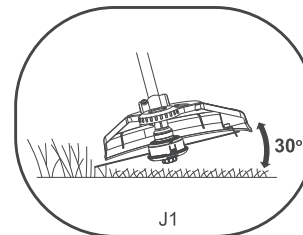
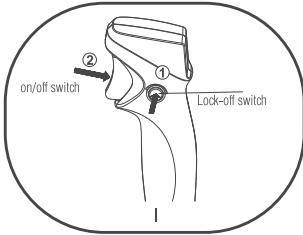
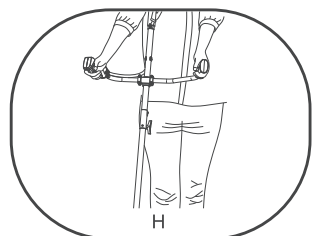
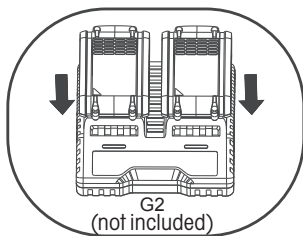
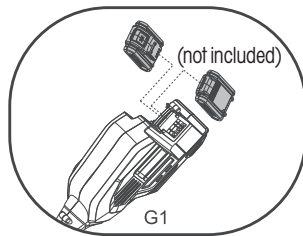
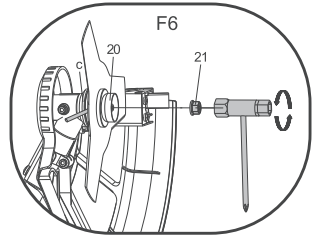
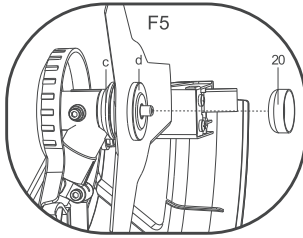
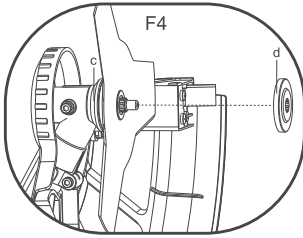


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Cordless Brush Cutter **20V** FASTPOWER

USER'S MANUAL

Thank you for purchasing this cordless brush cutter. Before you start using it, please carefully read this user's manual and save it for possible future use.

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1. GENERAL SAFETY INSTRUCTIONS

Important safety notice

- ✿ Carefully unpack the product and take care not to throw away any part of the packaging before you find all the parts of the product.
- ✿ Store the product in a dry place out of reach of children.
- ✿ Read all warnings and instructions. Not following warnings or instructions may lead to injury by electrical shock, a fire and/or serious injuries.

Packaging

The product is packed in a package that prevents damage during transport. This package is a resource and so can be handed over for recycling.

User's Manual

Before you start working with the machine, read the following safety and usage instructions. Acquaint yourself with the operating elements and the correct use of the machine. Keep the user's manual in a safe place where it can be easily retrieved for future use. Save the original packaging, including the internal packing material, warranty card and proof of purchase receipt at least for the duration of the warranty. If you need to ship this machine, pack it in the original cardboard box to ensure maximum protection during shipping or transport (e.g. when moving or when you need to send this product for repair).



Note: If you hand over the machine to somebody else, do so together with the user's manual.

Following the instructions in the included user's manual is a prerequisite for the proper use of the machine. The user's manual also contains operating, maintenance and repair instructions.

The manufacturer takes no responsibility for accidents or damages resulting from not following the instructions in this manual.

2. SYMBOLS



Read the Instruction Manual attentively prior to use.



Use respiratory system protective equipment.



Use protective gloves.



Use protective shoes.



Use eyes protective equipment.



Use ears protective equipment



Use protective clothes.



Use head protective equipment



Danger of injury!
Beware of hurled-away objects.
Keep bystanders away.



Be careful of the sharp string(metal blade) edges.
They continue to rotate even after the motor is turned off.



Keep other persons in distance!
WARNING! When operating the device, take care that no other persons are nearby (safe distance: 15m).
This is particularly valid for children and animals.

3. OPERATING INSTRUCTIONS

GENERAL POWER TOOL SAFETY WARNINGS

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

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

- ✿ Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- ✿ Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- ✿ Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

- ✿ Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- ✿ Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- ✿ Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- ✿ Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- ✿ When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- ✿ If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Personal safety

- ✿ Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- ✿ Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- ✿ Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- ✿ Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- ✿ Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

- ✿ Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- ✿ If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
- ✿ Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

Power tool use and care

- ✿ Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- ✿ Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- ✿ Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- ✿ Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- ✿ Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- ✿ Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- ✿ Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- ✿ Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Battery tool use and care

- ✿ Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- ✿ Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- ✿ When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- ✿ Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- ✿ Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- ✿ Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.
- ✿ Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

- ✿ Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- ✿ Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer

BRUSH CUTTER SAFETY WARNINGS

- ✿ Do not use the machine when the operator is tired, ill or under the influence of alcohol or other drugs.
- ✿ Keep a firm footing and balance during operating. Use the harness provided.
- ✿ Replace cutting blade if cracked, chipped, or damaged in any way. Be sure the blade is properly installed and securely fastened. Failure to do so can cause serious injury.
- ✿ Keep away from cutting blade. Even after the motor has stopped, the cutting blade will continue to rotate for several seconds. Please wait until cutting blade has fully stopped before putting the machine down or accessing the cutting area.
- ✿ Switch off the machine when not cutting. Never leave the machine running when unattended.

SAFE OPERATING PRACTICES

Training

- ✿ Read the instructions carefully. Be familiar with the controls and the correct use of the machine.
- ✿ Never allow children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator.
- ✿ Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- ✿ Before use, always visually inspect the machine for damaged, missing or misplaced guards or shields.
- ✿ Never operate the machine while people, especially children, or pets are nearby.

Operation

- ✿ Wear eye protection, long trousers and stout shoes at all times while operating the machine.
- ✿ Avoid using the machine in bad weather conditions especially when there is a risk of lightning.
- ✿ Use the machine only in daylight or good artificial light.
- ✿ Never operate the machine with damaged guards or shields or without guards or shields in place.
- ✿ Switch on the motor only when the hands and feet are away from the cutting means.
- ✿ Always disconnect the machine from the power supply (e.g. remove the battery pack from the machine)
 - 1) whenever the machine is left unattended;
 - 2) before clearing a blockage;
 - 3) before checking, cleaning or working on the machine;
 - 4) after striking a foreign object;
 - 5) whenever the machine starts vibrating abnormally.
- ✿ Take care against injury to feet and hands from the cutting means. h) Always ensure that the ventilation openings are kept clear of debris.
- ✿ Never fit metal cutting elements.
- ✿ Always be sure of your footing on slopes.

- ✿ Walk, never run.
- ✿ Not overreach and keep the balance at all times.
- ✿ Not to touch moving hazardous parts before removing the battery pack from the machine and the moving hazardous parts have come to a complete stop.

Maintenance and storage

- ✿ Disconnect the machine from the power supply (e.g. remove the battery pack from the machine) before carrying out maintenance or cleaning work.
- ✿ Use only the manufacturer's recommended replacement parts and accessories.
- ✿ Inspect and maintain the machine regularly. Have the machine repaired only by an authorized repairer.
- ✿ When not in use, store the machine out of the reach of children.

SAFETY WARNINGS FOR BATTERY PACK

- ✿ Do not dismantle, open or shred cells or battery pack.
- ✿ Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- ✿ Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.
- ✿ Do not subject battery pack to mechanical shock.
- ✿ In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- ✿ Seek medical advice immediately if a cell or battery pack has been swallowed.
- ✿ Keep battery pack clean and dry.
- ✿ Wipe the battery pack terminals with a clean dry cloth if they become dirty.
- ✿ Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.
- ✿ Do not maintain battery pack on charge when not in use.
- ✿ After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.
- ✿ Battery pack gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).
- ✿ When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.
- ✿ Recharge only with the charger specified by POSITEC. Do not use any charger other than that specifically provided for use with the equipment. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- ✿ Do not use any battery pack which is not designed for use with the equipment.
- ✿ Keep battery pack out of the reach of children.
- ✿ Retain the original product literature for future reference.
- ✿ Remove the battery from the equipment when not in use.
- ✿ Dispose of properly.

GENERAL SAFETY WARNINGS

⚠ WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Additional safety instructions for your Battery Charger

- * Before charging, read the instructions.
- * Do not charge a leaking battery.
- * Do not use chargers for works other than those for which they are designed.
- * Before charging, ensure your charger is matching the local AC supply.
- * For indoor use, or do not expose to rain.
- * The charging device must be protected from moisture.
- * Do not use the charging device in the open.
- * Do not short out the contacts of battery or charger.
- * Respect the polarity "+/-" when charging.
- * Do not open the unit and keep out of the reach of children.
- * Do not charge the batteries of other manufactures or ill-suited models.
- * Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
- * Keep battery charger's slots are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
- * When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.
- * Do not recharge non-rechargeable batteries, as they can overheat and break.
- * Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18°C and 24°C. Do not charge the battery pack in air temperatures below 4.5°C, or above 40.5°C. This is important as it can prevent serious damage to the battery pack.
- * Charge only battery pack of the same model provided by Argos and of models recommended by Argos.

4. DESCRIPTION OF THE MACHINE

(see picture on page 3)


- | | |
|--------------------------------|----------------------------|
| 1. Right handle | 14. Left shaft |
| 2. Lock-off button | 15. Clamp Knob |
| 3. Trigger | 16. Clamp |
| 4. Right shaft | 17. Left handle |
| 5. Safety guard | 18. Lower shaft |
| 6. Trimmer head | 19. 3-teeth blade |
| 7. Line | 20. Blade nut cover |
| 8. Line cutter | 21. Locking Nut |
| 9. Battery pack (not included) | 22. Hex wrench |
| 10. Battery pack pins | 23. Shaft lock rod |
| 11. Upper shaft | 24. Screw |
| 12. Shoulder strap ring | 25. Charger (not included) |
| 13. Shoulder strap | 26. Allen wrench |

5. ASSEMBLY


- ⚠ **WARNING:** Never operate the tool without the safety guard firmly in place. The guard must always be on the tool to protect the user.
- ⚠ **WARNING:** When the tool is equipped with a trimmer head, the line cutter should be mounted onto the safety guard. Failure to comply will result in overly long cutting line and overload the motor. Never use the trimmer head without guard accessory.
- ⚠ **WARNING:** If any parts are damaged or missing, do not operate the brush cutter until the parts are replaced. Use of the brush cutter with damaged or missing parts could result in serious personal injury.
- ⚠ **WARNING:** Do not attempt to modify the brush cutter or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possibly serious personal injury.
- ⚠ **WARNING:** Always wear heavy gloves when installing or removing the guard and doing any maintenance on the 3-teeth blade/line-cutting blade. Be careful of the line-cutting blade on the guard accessory /3-teeth blade for protecting your hands from being injured by both the blades.
- ⚠ **WARNING:** To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the tool when assembling parts or transporting the machine.
- ⚠ **WARNING:** Never operate the tool without the guard and handles firmly in place. Failure to comply could result in possible serious personal injury.

1. MOUNTING THE LEFT AND RIGHT SHAFT

Loosen the four wing bolts first by allen wrench(26), insert the right shaft with button and left shaft into the connecting joint. (See Fig. A1)

 **Notice:** Install the right shaft following the switch handle label on the upper shaft. There are two long bolts in the handle. Customers can matching it with the handle bolt hole.(See Fig. A2)

Fasten the four wing bolts. Have a try to drag the handle, ensure the shaft is fixed.(See Fig A3)

 **Notice:** Operating the machine with the handles perpendicular to the shaft is only permitted.

2. ATTACHING THE SHOULDER STRAP

Put on the shoulder strap. (See Fig. B)

3. MOUNTING THE SAFETY GUARD

The sheet metal is preassemble.

Insert the sheet metal into the safety guard groove. (See Fig. C1)

Align the three bigger mounting holes in safety guard and shaft base. Lock the safety guard onto the shaft base with screw bolt. Then align the side holes on safety guard and screw them firmly together with Hex wrench(21).

(See Fig.C2)

 **NOTE:** When the tool is equipped with a trimmer head, make sure that the line cutter is on the safety guard.


4. FIX THE UPPER SHAFT AND LOWER SHAFT

- Loosen the clamp by turning the clamp knob counterclockwise. (See Fig. D1)
- Align the shafts and insert the lower shaft into the upper shaft.
- Position the tube locking/release button (a) into the guide recess (b) of the clamp. (See Fig. D2)
- Ensure the locking button is engaged with the location hole in the clamp.
- Tighten the knob securely by turning clockwise. (See Fig. D2)

5. ADJUSTING CUTTING LINE LENGTH

The trimmer head allows the operator to release more cutting line without stopping the motor. As line becomes frayed or worn, additional line can be released by lightly tapping (See. Fig. E1) on the ground while operating the trimmer (See. Fig. E2)

 **Notice:** Line release will become more difficult if the line cutter becomes too dull.

 **Notice:** The original line length is 330mm. There are two kinds of cutting width When the line cutter is mounted on the location as Fig. E3, the cutting width is 330mm. When the line cutter is mounted on the location as Fig. E4, the cutting width is 380mm.

 **WARNING:** Do not remove or alter the line cutter blade assembly. Excessive line length will be cutted to suitable length.


6. REPLACE THE TRIMMER HEAD WITH THE 3-TEETH BLADE (THE TRIMMER HEAD IS FIXED IN THE TOOL IN THE ORIGINAL PACKING)

Insert and keep the shaft lock rod into the hole of trimmer head and loosen the trimmer head by screwing it clockwise. Take away the trimmer head. (See Fig. F1)


- 1) Stick the stop rod (22) into the hole on the side of trimmer head.
- 2) Loosen the trimmer head by clockwise.
- 3) Take away the trimmer head.

First keep the lower plate(c) stay on the tool, take away the upper plate(d). (See Fig. F2)
Then, put the 3-teeth blade, upper plate, Blade nut cover, locking nut on the tool in proper order. Tighten the locking nut. (See Fig. F3)


1) Install the checking ring following the sketch map.(see Fig F4)


 **Notice:** If you don't match the tooth profile, wheel gear may damage, you will hurt somebody.

2) Put the step surface away from the blade. (see Fig F4 F5)

 **Notice:** If you don't put the bigger side on the surface of blade, blade can't be press completely, you will hurt somebody.

3) Insert the bolt cover. (see Fig F5)


 **Notice:** Keep the front opening to the earth. The cover's function is protecting the bolt from damage.

 **WARNING:** The bolt cover can protect the bolt from damage. If you damage the bolt, you can not change your blade.

4) Use the shaft lock rod insert into the hole on the side of work head.

Then use the Hex wrench tighten the screw after we fix the work head. (see Fig F6)

 **Notice:** To protect against injury, you have to wear gloves prior to any operation with the 3-teeth blade. The blade have two side cutting function customers can turn-over the blade to use again.

 **Notice:** Assembling the upper plate in the direction as Fig.F3. Use hex wrench to fasten the locking nut by anticlockwise.

6. OPERATION

- ⚠ WARNING:** Do not allow familiarity with this product to make you careless. Remember that a careless action of a second is sufficient to inflict serious injury.
- ⚠ WARNING:** Always wear eye protection, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.
- ⚠ WARNING:** Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

Applications

You may use the brush cutter for the purpose listed below:

With 3-teeth blade: Cutting grass, weeds, wild growth and scrub, thinning young stands with a maximum stem diameter of 2cm.

With Trimmer Head: Trimming grass and weeds from around porches, fences and decks.

1. BEFORE OPERATION

NOTE:

- a) Do not use any charger other than that specifically provided for use with the equipment.
- b) If the battery pack is very hot you must remove your battery pack from the charger and allow time for the battery to cool down before recharging.
- c) The battery in your new tool is not charging when it leaves the plant. Therefore it must be full charged before using the first time.
- d) Please charge the battery to reach full or no less than half charge before storage. If the tool will not be used for long periods of time, charge the battery every 3-6 months.


Assemble the machine (See Fig G1)

Insert two batteries on the machine. You can use it following the "3 START/STOPING" step in next page.



Charging procedure (See Fig. G2)

- 1) Plug the charger into an appropriate outlet. The light will be green.
- 2) Slide the battery pack into the charger, the light will turn to red to indicate the charging process has started.
- 3) When charging is completed, the light will turn to green. The pack is now fully charged, unplug the charger and remove the battery pack.

- ⚠ WARNING:** When battery charge runs out after continuous use or exposure to direct sunlight or heat, allow time for the battery to cool down before re-charging to achieve the full charge.

 Notice: The tool is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse.

CHARGING INDICATOR

Light	Status
Red on ● 	Charging
Green on ● 	Fully Charged

This charger can fully charge 1 battery for 1 hr, 2 batteries for 2 hrs.

2. HOLDING THE MACHINE

Hold the tool with both hands on the right side of your body. The trimmer head or blade should be parallel to the ground at a proper cutting distance without the operator bending over. (See. Fig. H)

Releasing the tool can be achieved in two ways:

Release the strap buckle or press the hook of the strap and take it apart from the tubing clip fixed on the shaft

⚠ WARNING: When emergency occurs, take it off from your shoulder immediately, no matter what way the strap is in. Releasing the strap buckle and taking off your shoulders is a quick release method.

3. STARTING/STOPPING

To Start

Press down the lock-off button and hold it in that position.

Depress the on/off switch to start. (See. Fig. I)

To Stop

Release the trigger.

📌 Notice: The motor runs only when the lock-off button and trigger are both pressed.

⚠ WARNING: Always remove the battery pack from the tool during work breaks and after finishing work.

4. USING THE MACHINE

⚠ WARNING: Dress properly to reduce the risk of injury when operating the brush cutter. Do not wear loose clothing or jewelry. Wear eye and ear/hearing protection. Wear heavy duty, long trousers, boots and gloves. Do not wear short trousers, sandals or go barefoot.

Before operating, look around you to ensure a safety working area without other people, animals or any loose objects. Make sure they are at least 15m away. And then check for eye protection, proper clothing and balanced footing.

Before each use check for damaged/worn parts. Check the trimmer head, 3-teeth blade, guard, guard accessory, handles and shoulder strap and replace any parts that are cracked, warped, bent, or damaged in any way. The line-cutting blade on the edge of the guard accessory can dull over time. It is recommended that you periodically sharpen it with a file or replace it with a new blade.

After each use, clean the brush cutter.

4.1 Using the grass trimmer

- 1) Hold the product with sufficient distance to your body.
- 2) Pay attention to your posture. Stand upright, do not lean forward.
- 3) Hold the trimmer head just above the ground at an angle of about 30°. (See. Fig. J1)
- 4) Move the product with slow and regular horizontal movements from the right to the left and then lead it back to starting point before trimming the next row. (See. Fig. J2)
- 5) Trim in steps when the grass is very high. Do not cut the total height in once. (See. Fig. J3)

Note: For best results, do not cut wet grass because it tends to stick to the cutting means and guard, prevents proper discharge of grass clippings, and could cause you to slip and fall.

4.2 Using with 3-teeth metal.

⚠ WARNING: To cut wild growth and scrub, lower the rotating 3-teeth blade down onto the growth to achieve a chopping effect. Use the brush cutter like a scythe (sweep it to the right and left) at ground level. Do not use the cutting unit above waist height.

⚠ WARNING: The higher the cutting unit is off the ground, the greater the risk of injury from cuttings being thrown sideways.

⚠ WARNING: Do not attempt to cut woody material with a larger diameter, since the blade may catch or jerk the brush cutter forward. This may cause damage to the blade or the brush cutter or loss of control of the brush cutter, resulting personal injury.

⚠ WARNING: Improper use of a blade may cause it to crack, chip, or shatter. Thrown parts may seriously injure the operator or bystander. To reduce the risk of personal injury, it is essential to take the following precautions.

- Avoid contact with hard or solid foreign objects such as stones, rocks or pieces of metal.
- Never cut wood or shrubs with a stem diameter of more than 2cm.
- Inspect the blade at a regular short interval for signs of damage. Do not continue working with a damaged blade.
- Re-sharpen the blade regularly (when it has dulled noticeably) and have it balanced if necessary (performed by a qualified service technician).

4.3 Using the brush cutter

1) Never hold the work head higher than your hip.

Work cautiously. The higher you hold the unit the bigger is the risk of thrown objects or clippings. (See. Fig. K)

2) Plunge the blade from above when cutting rank growth or undergrowth.

3) Move the blade close over the ground to cut young trees or grass.

5. TO REPLACE THE LIN

5.1 To replace the spool and line complete

For your convenience it is recommended you buy spool and line complete.

Remove old spool.(See. Fig. F1)

Place new spool into cutting head. Release one line from cleat and feed line through eyelet.

Repeat for second line.

Refit the cap.

5.2 To replace the line only

⚠ WARNING: Your Trimmer is designed to use only line with a maximum diameter of 2.0mm
IMPORTANT - Always wind the line onto the upper section of the spool first.

Take approximately 2.5m of line.

Insert 1.25m of line into one of the holes in the upper section of the spool and wind line in the direction of the arrows on the top of the spool. Leave approximately 1.25m of line unwound and place into cleat. Repeat on lower section of spool. (See. Fig. L1, L2, L3, L4)

Care should be taken to ensure that the line is neatly coiled on the spool. Failure to do so will impair the efficiency. Then fit spool as described in "5.1 To fit spool and line complete".

7. CUTTING

⚠ WARNING!

When working with any string trimmer or brush cutter model, there is a danger of deflecting stones, metal or small objects and the cut material. Carefully read all the safety directives. Follow all the instructions provided in this user's manual.

⚠ WARNING!

Use head, eye, face and hearing protection. Use appropriate footwear that will protect your feet and which will ensure a firm stance on slippery surfaces. Do not wear ties, jewellery or loose clothing that could become caught in the moving parts of the tool. Do not wear footwear with an open tip. Do not work barefoot or with bare legs. In certain situations you must use full face and head protection. Take care to avoid recoil and jamming of the blade.

⚠ WARNING

Always use the shoulder strap.

Set the shoulder strap and its hitch on the tool so that the brush cutter is suspended several centimetres above the terrain. The head of the brush cutter and the metal guard must be level in all directions. Hang the brush cutter on the right side of the body.

⚠ DANGER ZONE

NOBODY APART FROM THE OPERATOR MAY ENTER THE DANGER ZONE OF A 15 METRE RADIUS. THE OPERATOR MUST USE APPROPRIATE EYE, HEARING, FACE, FOOT, LEG AND BODY PROTECTION. PERSONS LOCATED IN THE DANGER ZONE OR IN THE RISK ZONE AFTER THE DANGER ZONE MUST USE EYE PROTECTION AGAINST DEFLECTED OBJECTS. THE RISK IS REDUCED WITH INCREASING DISTANCE FROM THE DANGER ZONE.

CUTTING WITH THE NYLON STRING TRIMMER HEAD

- ✿ The string trimmer head rotates CLOCKWISE.
- ✿ The trimmer line is extended out semi-automatically. While trimming, simply gently tap the head on the ground, which will push down the button on the underside of the head and the string trimmer line will slide out. The string trimmer line is then shortened to the maximum permitted length on the blade integrated in the plastic guard.

Trimming grass

- ✿ During this activity, carefully move the trimmer into the material that you wish to trim. Slowly tilt the head so that the trimmed material is ejected away from you. If you are trimming all the way up to obstacles such as fences, walls and trees, then approach at such an angle that all material is ejected away from you. Slowly move the head with the nylon string trimmer line from right to left until the grass is trimmed all the way to the obstacle but avoid the string trimmer line coming into contact with the obstacle.
- ✿ When trimming in the vicinity of a wire fence or enclosure, proceed carefully so as not to come into contact with the wires. If you exceed the minimum distance from the fence, the string trimmer line will be shortened after impact.
- ✿ When cutting weeds, it is possible to cut one stem at a time. Place the trimmer head with string trimmer line at the bottom part of the weed - never the top because the stem may start quivering and the string trimmer line may become caught in it. Rather than attempting to cut the weed directly, it is better to use only the end of the string trimmer line and to cut the stem slowly.

Clearing and trimming edges

- ✿ Both these tasks are performed using the head with the nylon line tilted at large angle. Clearing means removing the top vegetation after which only soil remains.
- ✿ Trimming edges means trimming the grass at the edge of lawns that extends on to footpaths and roads.
- ✿ While clearing and trimming edges, hold the tool at a steep angle and in a position where dirt, cut material and stones will not be ejected backwards towards you in the event that they ricochet from a hard surface. Despite the pictures showing how to perform clearing and trimming of edges, every user must find their own position that will suit their body dimensions and working conditions.

WARNING

If a head with a nylon line is used, the correct protective guard must be fitted. If the nylon line extends out too far, it may start fluttering. If you use a head with a nylon line, always use the protective plastic guard with the cutter blade.

WARNING

Be very careful when working above soil or gravel because the nylon line may deflect small stones at a very high speed. The protective guard on this tool cannot stop objects that ricochet off hard surfaces.


WARNING

Do not trim in places where there are wires and wire mesh. Use protective aids. Do not trim in locations where you cannot see what the trimmer is trimming.

CUTTING USING THE BLADE

Cutting weeds

- ✿ This is cutting performed by a pendular movement of the blade in an arch shape. In this way you can quickly clear a large area of dense grass and weed. Brush cutting should be used for cutting large and tough weeds or woody vegetation.
- ✿ Brush cutting may be performed in both directions or only in one direction, which will mean that the cut material will be ejected away from you. With this type of cutting, the part of the blade moving away from you will do the work. Slightly tilt the blade down to the same side. If you will be brush cutting in both directions, you will be hit by some deflected material.

 **Note:** Do not use the brush cutter blade for cutting trees with a diameter larger than 12 mm.

WARNING

DO NOT TOUCH THE FOLLOWING OBJECTS WITH THE BLADE:
METAL POLES, ELECTRICAL WIRE, RUBBER, MASONRY, STONES, FENCES

WARNING

Do not cut if the metal blade is blunt, cracked or damaged.
Before starting to cut, check that there are no obstacles in the work area such as rocks, metal poles or wound up wires. If you cannot remove these obstacles, mark them out so that they do not come in contact with the blade. Rocks or metal objects will blunt or damage the blade. Wires may wind on to the blade head or may be deflected and cause injuries.

8. MAINTENANCE

- ⚠ WARNING:** Before inspecting, cleaning or servicing the unit, wait for all moving parts to stop, and remove the battery pack. Failure to follow these instructions can result in serious personal injury or property damage.
- ⚠ WARNING:** When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use.
Use clean clothes to remove dirt, dust, oil, grease, etc.

CLEAN THE MACHINE

After each use of 3-teeth blade / trimmer head, clean the debris, clogged soils or grass on the blade and guard with a soft brush.

📖 Notice: When the line-cutting blade becomes dull, please sharpen it performed by a qualified service technician or replace with a new line-cutting blade as necessary.

After each use of brush cutter, clean the cutting unit using a damp cloth with a mild detergent.
Do not use any strong detergents on the plastic housing or the handle. They can be damaged by certain aromatic oils, such as pine and lemon, and by solvents such as kerosene. Moisture can also cause a shock hazard. Wipe off any moisture with a soft dry cloth.

STORING THE MACHINE

Remove the battery pack from the tool.
Wear heavy gloves to clean the tool thoroughly.
Mount the blade sheath onto the 3-teeth blade for safe saving.
Store the unit in a dry, well-ventilated area, locked-up or up high, out of the reach of children. Do not store the machine on or adjacent to fertilizers, gasoline, or other chemicals.

9. TECHNICAL DATA

2 x 20 V Cordless Brush Cutter

Model	FZS 70705-0
Power	2 x 20V Li-Ion
Max. cutting width	38 cm
Trimmer head	33cm (string dia: 2.0mm)
3 pronged metal blade	23 cm
Adjustable one shoulder belt	yes
Type of handle	Bike handle bar with soft grip

Accessories

Item number	Accessory
FDUZ 79020	Battery pack 2 Ah
FDUZ 79040	Battery pack 4 Ah
FDUZ 79100	Fast charger
FDUZ 79110	Fast dual charger

10. DISPOSAL



The machine, rechargeable batteries, accessories and packaging should be sorted for environmentalfriendly recycling.

Do not dispose of power tools and batteries/rechargeable batteries into household waste!

Only for EC countries:



According to the European Guideline 2012/19/EU, power tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

INSTRUCTIONS AND INFORMATION ON DISPOSING OF USED PACKAGING MATERIALS

Put any used package material to the place determined by the municipality for waste disposal.

DISPOSAL OF USED ELECTRIC AND ELECTRONIC EQUIPMENT



This symbol on products or accompanying documents means that used electric or electronic products must not be put to ordinary municipal waste. Hand over such products to determined collection points for proper disposal, restoration and recycling. Alternatively, in some countries of the European Union or other European countries you can return your products to your local dealer when you buy an equivalent new product. By dutiful disposal of this product you can preserve precious natural resources and you help prevent any potential adverse effects on the environment and human health which could be the results of wrong waste disposal. Ask your local authority or the nearest collection point for additional details. In case of improper disposal of this waste kind penalties can be imposed in accordance with national regulations.

For companies in the European Union countries

Should you want to dispose of electric and electronic devices, ask your dealer or vendor for necessary information. Disposal in other countries outside the European Union. Should you want to dispose of this product, ask your local authorities or your dealer for necessary information about disposal method.



This product fulfils all basic requirements of the EU directives that apply to it.

Text, design and technical specifications can change without prior notice and we reserve the right for their change.

User manual in the original language.

11. DECLARATION OF CONFORMITY

FAST[®]

FAST ČR, a.s.
 Černokostelecká 1621, 251 01 Říčany, Czech Republic
 tel.: +420 323 204 111, fax: +420 323 204 110

EU DECLARATION OF CONFORMITY

Product / brand: Cordless Brush Cutter / **FIELDMANN**

Type / model: **FZS 70705-0** as factory model CBC36GW
 DC 2x 20V (battery powered), Class III, IPX0
 String adapter speed 5300/m³, cutting width 330mm
 L_{PA} = 71,9dB(A), L_{WA} = 95dB(A)
 Metal blade speed 5800/m³, cutting width 230mm
 L_{PA} = 79,9dB(A), L_{WA} = 100dB(A)

Manufacturer: FAST ČR, a.s.
 Černokostelecká 2111, 100 00 Praha 10, Czech Republic
 VAT no: CZ26726548

The product is inline with directives and regulations listed below:

Directive MD 2006/42/EC
 Directive EMC 2014/30/EU
 Directive NEOE 2000/14/EC
 Directive RoHS 2011/65/EU

and norms:

EN 60335-1:2012+A13
 EN ISO 11806-1:2011
 EN 50636-2-91:2014
 EN 62233:2008
 EN 55014-1:2017
 EN 55014-2:2015

**Place of issuance:** Prague

Name: Ing. Zdeněk Pech
 Chairman of the Board

Date of issuance: 22. 7. 2020**Signature:**

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