

TOPEX[®]

SKU:TXGT20V283

TX283

OWNER'S MANUAL **20V GRASS** **LINE TRIMMER**



















Thank you for buying this **20V GRASS LINE TRIMMER!**
Please read this manual carefully before using the product.

WWW.TOPEXTOOLS.COM.AU

version 20251226

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
dc / ---	Direct current	∅	Diameter
mA	Milliamperes	Πo	No load speed
/min	Revolutions or reciprocation per minute		Double insulated
	Regulator compliance mark		Transformer Energy Rating (MEPS)
	Read instruction manual		Wear safety glasses
	Thermal cut-out protection		Do not expose to rain.
	Indoor use only		Warning
	Lithium Ion- battery		Do not use or store battery in temperatures exceeding 50°C
	Recycle battery		Do not put in the rubbish
	Do not incinerate		Do not get battery wet
	Keep bystanders away. Do not operate whilst people especially children or pets are in the area.		

GENERAL POWER TOOL 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.

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

1. WORK AREA SAFETY

a. Keep the work area clean and well lit. Cluttered or dark areas invite accidents.

b. 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.

c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. ELECTRICAL SAFETY

a. 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.

b. 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.

c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d. 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.

e. 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.

f. 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.

PACKING INCLUDES



3. PERSONAL SAFETY

a. 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.

b. 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.

c. 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.

d. 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.

e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g. 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.

4. POWER TOOL USE AND CARE

a. 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.

b. 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.

c. Disconnect the plug from the power source and/or the battery pack 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.

d. 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.

e. Maintain power tools. 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.

f. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edge.

g. 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.

5. BATTERY TOOL USE AND CARE

a. 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.

b. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c. 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.

d. 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.

6. SERVICE

a. 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.

b. Never service damaged battery pack. Service of battery packs should only be performed by the manufacturer or authorized service providers.

BATTERY & CHARGER SAFETY WARNINGS

Before using the charger or battery, read all instructions and cautionary markings on the charger, battery pack and the product using the battery pack. Do not lose these safety instructions.

BATTERY WARNINGS

1. The battery pack is not fully charged out of the carton. First read the safety instructions and then follow the charging notes and procedures.

2. For optimum battery performance, avoid low discharge cycles. Charge the battery pack frequently.
 3. Use and store the battery pack in dry conditions with low humidity between 0-50°C, ideally at 15°C. Avoid exposing battery pack and charger to direct sunlight.
 4. Do not keep battery pack in places where temperatures are liable to reach over 50°C, such as in a car, metal shed or similar that is in direct sunlight.
 5. Do not ignite the battery pack or expose it to fire. There is a risk of explosion!
 6. Do not exhaustively discharge batteries. Exhaustive discharge will damage the battery cells. The most common cause of exhaustive discharge is long-term storage and continued use of low-charge batteries. Always store the battery with some charge. Charge the batteries every 2-3 months to restore charge. Stop working as soon as the performance of the battery falls noticeably or the electronic protection system triggers.
 7. Protect batteries and the tool from overloads. Overloads will quickly result in overheating and cell damage inside the battery housing without this overheating being apparent externally.
 8. Avoid damage and shocks. Do not use batteries which have been dropped from a height of more than one meter or strong external impact, even if the housing of the battery pack appears to be undamaged. The battery cells inside the battery may have suffered serious damage.
 9. If the battery pack suffers overloading and overheating, the integrated protective cut-off will switch off the equipment. Do not press the ON/OFF switch on the tool if the protective cut-off has actuated. This may damage the battery pack. Allow the battery to cool to room temperature before use.
 10. Use only original battery packs. The use of other batteries may result in injuries, explosion and a fire risk.
 11. Protect your rechargeable battery against moisture, rain and high humidity. Moisture, rain and high humidity can cause dangerous cell damage. Never charge or use batteries which have been exposed to moisture, rain or high humidity.
 12. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack is damaged, do not use the battery.
 13. When the 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.
 14. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If accidental contact occurs, flush with water and seek medical help immediately. Liquid ejected from the battery may cause irritation or burns.
 15. 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.
 16. Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
 17. Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer.
 18. Do not disassemble the battery. This may result in a risk of electric shock, electrocution or fire.
- ### CHARGER WARNINGS
19. Please check the data marked on the rating plate of the battery charger. Ensure to only connect the battery charger to a power supply with the voltage marked on the rating plate.
 20. Protect the battery charger and its cable from damage and sharp edges. Have damaged cables repaired by an authorised service agent before use.
 21. Keep the battery charger, batteries and the cordless tool out of children's reach.
 22. Do not use damaged battery chargers.
 23. Do not use the supplied battery charger to charge other cordless tools. Only charge TOPEX rechargeable batteries with a TOPEX Charger.
 24. The battery pack may become warm during use. Allow the battery pack to cool to room temperature before commencing with the charging.
 25. Do not over-charge batteries. Do not exceed the maximum charging times. These charging times only apply to discharged batteries. Frequent insertion of a charged or partly charged battery pack will result in over-charging and cell damage. Do not leave fully charged batteries in the charger.
 26. Charge the battery pack in dry conditions with low humidity between 10-40°C. Avoid exposing battery pack and charger to direct sunlight.

27. Do not use batteries which have suffered deformation during the charging process or shows any other signs of abnormalities including, excessive curvature of the housing, gassing, hissing or cracking.
28. Never fully discharge the battery pack. A complete discharge of the battery pack will lead to premature ageing of the battery cells.
29. Never charge the batteries unsupervised.
30. Do not cover or place any object on top of the charger, place the charger away from heat sources.
31. To reduce risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.
32. Make sure the cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
33. An extension cord should not be used unless necessary. Use of an improper extension cord could result in the risk of fire, electric shock or electrocution.
34. Do not disassemble charger. This may result in a risk of electric shock, electrocution or fire.
35. To reduce risk of electric shock, unplug the charger from the outlet before attempting any cleaning. Removing the battery pack will not reduce this risk.
36. Do not use the cordless tool or the battery charger near vapours and inflammable liquids.

ELECTRICAL SAFETY



WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

The charger has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

Note: The supply of 220V and 240V on TOPEX tools are interchangeable for Australia.



This tool's charger is double insulated in accordance with AS/NZS 60745-1; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.

When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

The power supply for this product's charger should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.

GRASS TRIMMER SAFETY WARNINGS

Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Never allow children or people unfamiliar with these instructions to use the grass trimmer.
- Avoid using the grass trimmer, while people, especially children, or pets, are nearby.
- Use the grass trimmer only in daylight or good artificial light.
- Never operate the grass trimmer with damaged guards or without guards in place.
- Switch on the grass trimmer only when the hands and feet are away from the cutting head.
- Never fit metal cutting blades.
- Use only the manufacturer's recommended replacement parts and accessories.

- Always remove the battery from the grass trimmer when leaving the grass trimmer unattended.
- Always remove the battery from the grass trimmer before carrying out maintenance or cleaning work.
- Inspect and maintain the grass trimmer regularly. Have the grass trimmer repaired only by an authorised repairer.
- When not in use, store the grass trimmer out of the reach of children.
- Face the cutting head away from yourself, other people and animals while the power is connected to the grass trimmer (especially during operation).
- Remove the battery when changing spools or clearing grass from under the guard.
- Remove the battery from the grass trimmer before making any adjustments.
- Use both handles at all times.
- Keep ventilation openings clear of debris. Keep handles dry, clean and free of oil and grease.
- Never reach underneath the grass trimmer (the cutting blade area) until it has completely stopped and the battery has been removed.



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.



WARNING! This appliance is not intended for use by young or infirm persons unless supervised by a responsible person to ensure that they can use the appliance safely. Children should be supervised to ensure that they do not play with the appliance.

- 1 unlock knob
- 2 switch handle
- 3 main handle
- 4 Auxiliary handle
- 5 handle lock nut
- 6 handle support
- 7 locking sleeve(length adjustment)
- 8 telescopic pole
- 9 lock sleeve and edging function button
- 10 trimmer head
- 11 edging function wheel
- 12 flower guard
- 13 head rotary button
- 14 spool
- 15 safety guard
- 16 Nylon thread

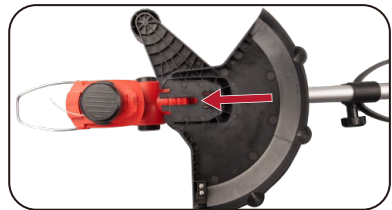
SPECIFICATIONS

Rated Voltage	20V MAX
No Load Speed	8,500RPM
Cutting Device	Auto Feed
Max Cutting Width	300MM
Weight	1.755KG
Guaranteed sound power level	92 dB(A)
Cutting Angle	0-60°/15° (5-position adjustment)

SETUP & PREPARATION

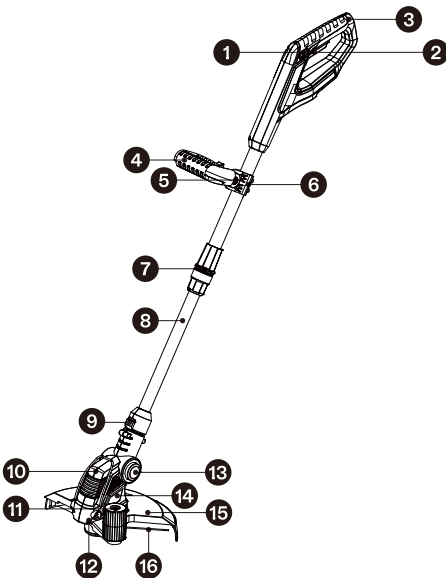
FITTING THE GUARD

The guard is an essential part of the tool and must ALWAYS be used. Otherwise, damage to the trimmer and injury to the operator may occur. The guard isn't fitted to the trimmer when it is delivered to you to avoid damage in transit. Align the guard with the trimmer head as shown.



WARNING! NEVER USE THE GRASS TRIMMER UNLESS THE SAFETY GUARD IS PROPERLY FITTED.

CORDLESS GRASS TRIMMER



FITTING THE ADJUSTABLE HANDLE

1. Fit the handle mounting bracket onto the upper section of the shaft.

NOTE: You will need to carefully flex the mounting bracket just enough to slip over the shaft. Do not over flex as this can damage or break the mounting bracket.

2. Place the adjustable handle on the mounting bracket, then pass the screw with washer through the mounting bracket and onto the adjustable handle lever.



ADJUSTING THE TRIMMER

1. Loosen the shaft adjustment collar.
2. Extend to the desired height and then retighten the shaft adjustment collar to secure in place.



ADJUSTING THE CUTTER HEAD

The grass trimmer head has 2 adjustments to allow for the optimal angle and position for grass trimming or edging.

HEAD TILT

1. Press and hold the head tilt button.



2. Tilt the cutter head to the desired angle.



3. Ensure the head has clicked into a secure position before operating.

HEAD ANGLE

1. Pull the telescopic shaft away from the cutter head.



2. Rotate the head into the desired position.



3. Ensure the head has clicked into a secure position before operating.

ADJUSTING THE HANDLE

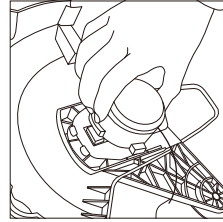
1. Release the adjustable handle lever.



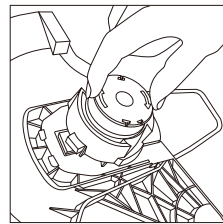
2. Rotate the handle into the desired position and then lock in place with the lever.



3. Press the tabs and remove the spool cap from the spool housing in the trimmer head.



4. Grasp the empty spool retainer with one hand and pull it out.



REPLACING THE SPOOL



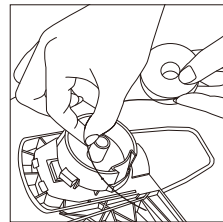
WARNING! Remove the battery pack before attempting to replace line reel.

1. This trimmer uses a round nylon line with a diameter of 0.065 inches (1.6mm). During use, the tips of the lines will become frayed and wear out. Restarting the machine will feed and trim a fresh length of the line.

2. When no line is fed, remove the battery pack and turn the machine upside-down so that you are looking down at the spool cap.



5. Unfasten the line end of the new string spool and guide the line into the eyelet, then push the spool onto the head and rotate the spool slightly until it's fully inserted.



6. Align the tabs on the spool cap with the slots in the housing.

7. Push the cap onto the housing until it snaps securely into place.

OPERATION

SWITCHING ON AND OFF

1. Press and hold the lock off switch forward.



2. Squeeze the on/off trigger to start the trimmer.



3. To stop the trimmer, release the On/Off trigger.



WARNING! DO NOT OPERATE THE TRIMMER ON A TREE, ON A LADDER, OR ON A SCAFFOLD, THIS IS EXTREMELY DANGEROUS.



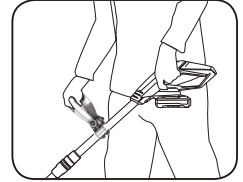
WARNING! STONES, PIECES OF METAL AND OTHER IS OPERATING. OBJECTS CAN BE THROWN OUT AT HIGH SPEED BY THE BLADE.

USING THE GRASS TRIMMER

1. Extend the edging guide to prevent the cutting head from getting too close to an object such as a tree trunk or wall.



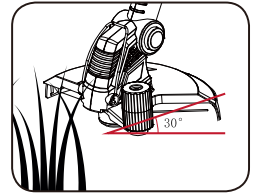
2. Hold the trimmer with both handles for best control and balance.



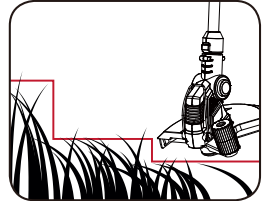
3 To turn on, squeeze the on/off trigger whilst holding the lock-off button down.



4. Move the grass trimmer into the grass to allow it to cut.



5. Several passes will be required to cut long grass.



6. Release the on/off trigger and allow the motor to come to a complete standstill.



NOTE: DO NOT CUT GRASS WHEN WET. (THE BEST RESULTS ARE ACHIEVED ON DRY GRASS.)

CAUTION! BYSTANDERS MUST KEEP A MINIMUM SAFE DISTANCE OF 10M AWAY FROM THE TRIMMER WHILE IT IS OPERATING.

MAINTENANCE



WARNING! ALWAYS ENSURE THE TOOL HAS COMPLETELY STOPPED AND THE BATTERY IS REMOVED PRIOR TO ANY MAINTENANCE.

- Keep ventilation slots of the trimmer clean at all times. Periodically clean out the grass from the cutting head and the rim of the blade guard to ensure efficient operation at all times.
- After each use, blow air through the tool housing to ensure it is free from all dust, dirt, etc. Build up of dust, dirt particles may cause the tool to overheat and shorten the life of the tool.
- If the housing of the trimmer requires cleaning, do not use solvents but a moist soft cloth or soft brush only. Never let any liquid get inside the tool, never immerse any part of the tool into liquid.
- Never let any liquid get inside the tool, never immerse any part of the tool into liquid.
- No lubrication is necessary as the tool has sealed bearings.
- When not in use, the grass trimmer should be stored in a dry, frost free location not within the reach of children.

Note: TOPEX Industries will not be responsible for any damage or injuries caused by the repair of the grass trimmer by an unauthorised person or by mishandling of the grass trimmer. This tool is designed for DIY use - use in commercial or industrial environments will void the warranty.

BATTERY PROTECTION SYSTEM

The tool is equipped with the battery protection system, which helps to ensure a long service life. The output power automatically cuts off during operation when the tool and/or battery are placed under the following situations:

- **When the tool is overloaded:**
If this occurs, release the trigger switch and remove causes of overload, then pull the switch trigger again to restart.
- **When the remaining battery capacity becomes low:**
Recharge the battery pack.

Note: The battery protection system does not in any way damage the tool.

Note: The indicated capacity may be lower than the actual level during use or immediately after using the tool.

TROUBLESHOOTING

Problem	Cause	Remedy
Trimmer is not starting	Possible clogging	Clean the cutter head of any grass.
	Battery is low in charge	Charge battery
	Battery not inserted properly	Insert battery pack correctly
Trimmer is not operating at full capacity	Possible clogging	Clean the cutter head of any grass
	Cutting tall grass at ground level	Make several passes from top down
Motor stops while operating	Battery has no power	Charge battery
Grass wraps around the shaft and trimmer head	Cutting tall grass at ground level	Make several passes from top down

CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

WARRANTY POLICY

12-Month Manufacturer's Warranty

Our promise:
We stand by the quality of every TOPEX product. Your item comes with a 12-month warranty from purchase date, covering faults in materials or workmanship.

**12 MONTH
WARRANTY
PARTS & LABOR**

**REGISTER TO GET EXTRA
ONE YEAR EXTENSION!**

What's Covered:

- Material and manufacturing defects under normal use
- Repair or replacement of defective products at our discretion

What's Not Covered:

- Everyday wear and tear
- Accidents, misuse or poor care
- Damage from:
 - Natural disasters
 - Incorrect operation
 - Rough handling
 - Tampering by anyone not authorised by us
 - Commercial use: items resold or rented for profit

Your Australian Consumer Rights

Our warranty is in addition to your rights under the Australian Consumer Law. You're entitled to replacement/refund for major failures and compensation for other reasonably foreseeable loss.

Important Conditions

- Warranty valid only for original purchaser in Australia
- Claims must be made within warranty period
- Product must be unmodified with all safety labels intact

How to Claim?

Need to make a warranty claim? Scan the QR code below and fill out the online form with your proof of purchase and fault description. We'll respond within 2 business days with return instructions if needed.



JOIN US