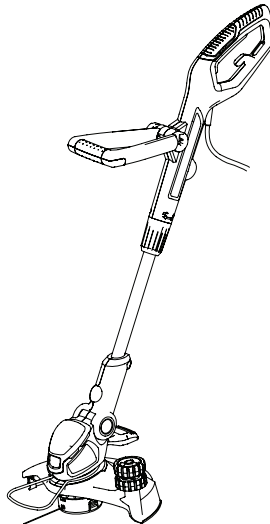




®

5.5 AMP, 2 IN 1 GRASS TRIMMER/EDGER OWNER'S MANUAL



120V • 60Hz • 5.5AMP



**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.**



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**

PRODUCT SPECIFICATIONS

Rated voltage:	120V ~ 60Hz
Rated current:	5.5A
No load speed:	8000/min
Max.cutting diameter:	15" (38 cm)
Diameter of line:	0.065" (1.60 mm)
Line length:	2x16' (2 x 5 m)
Weight:	6.0lbs (2.7kg)
Protection class:	Double insulation/II

ACCESSORIES

Plant guard x1

Front handle x1


Guard x1

Spool (assembled on the trimmer) x1

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IMPORTANT SAFETY INSTRUCTIONS

 **WARNING!** When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following: **WARNING:** Read all instructions. **WARNING:** This product maybe contains lead, phthalate or other chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. Please wash your hands after use.

1. FOR ALL DOUBLE-INSULATED APPLIANCES

- a) Replacement parts. When servicing use only identical replacement parts.
- b) Polarized appliance connections. To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other) and will require the use of a polarized extension cord. The appliance plug will fit into a polarized extension cord only one way. If the plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. This plug will fit into the polarized wall outlet only one way. If the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not change the equipment plug, extension cord receptacle, or extension cord plug in any way.

SAVE THESE INSTRUCTIONS

2. FOR ALL APPLIANCES

- a) Avoid dangerous environments. Don't use appliances in damp or wet locations.
- b) Don't use in rain.
- c) Keep children away. All visitors should be kept at a distance from work area.
- d) Dress properly. Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of protective gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- e) Use safety glasses. Always use face or dust mask if operation is dusty.
- f) Use the right appliance. Do not use appliance for any job except that for which it is intended.
- g) Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for the gardening appliance. Receptacles are available having built-in GFCI protection and may be used for an added measure of safety.
- h) **WARNING!** To reduce the risk of electric shock, use only with an extension cord intended for outdoor use, such as an extension cord of cord type SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJOW-A, SJTW-A. or SJTOW-A.
- i) Extension cord! Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized extension cord will cause a drop in line voltage resulting in loss of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. To reduce the risk of disconnection of

appliance cord from the extension cord during operating:

- 1) Make a knot as shown in Figure 1
- 2) Use one of the plug-receptacle retaining straps or connectors described in this manual.

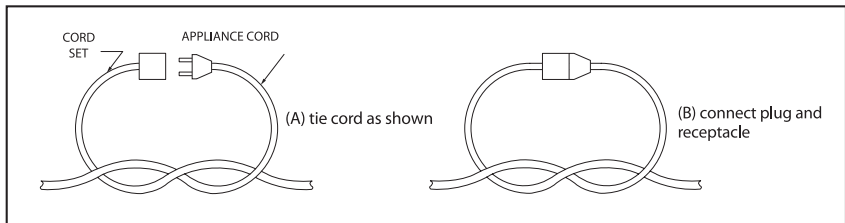


Figure 1: Method of securing extension cord

- j) Avoid unintentional starting. Don't carry plugged-in appliance with finger on switch. Be sure switch is off when plugging in.
- k) Don't abuse cord. Never carry appliance by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- l) Don't grasp the exposed cutting blades or cutting edges when picking up or holding the appliance.
- m) Don't force appliance. It will do the job better and with less risk of injury at the rate for which it was designed.
- n) Don't overreach. Keep proper footing and balance at all times.
- o) Stay alert. Watch what you are doing. Use common sense. Do not operate appliance when you are tired.
- p) Disconnect appliance. Disconnect the appliance from the power supply when not in use, before servicing, when changing accessories such as blades, and the like.
- q) Store idle appliances indoors. When not in use, appliances should be stored indoors, in a dry location out of reach of children.
- r) Maintain appliance with care. Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Inspect appliance cord periodically, and if damaged, have it repaired by an authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- s) Check damaged parts. Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine if it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.

SAVE THESE INSTRUCTIONS

Volts	Total length of cord in feet			
	120V	25	50	100
240V	50	100	200	300
Ampere Rating More than Not more than	AWG			
	0-6	18	16	16
6-10	18	16	14	12
10-12	16	16	14	12
12-16	14	12	Not recommended	

Table 1: Minimum gauge for extension cords

3. EDGER-TRIMMERS

- a) Keep guards in place and in working order.
- b) Keep blades sharp.
- c) Keep hands and feet away from cutting area.

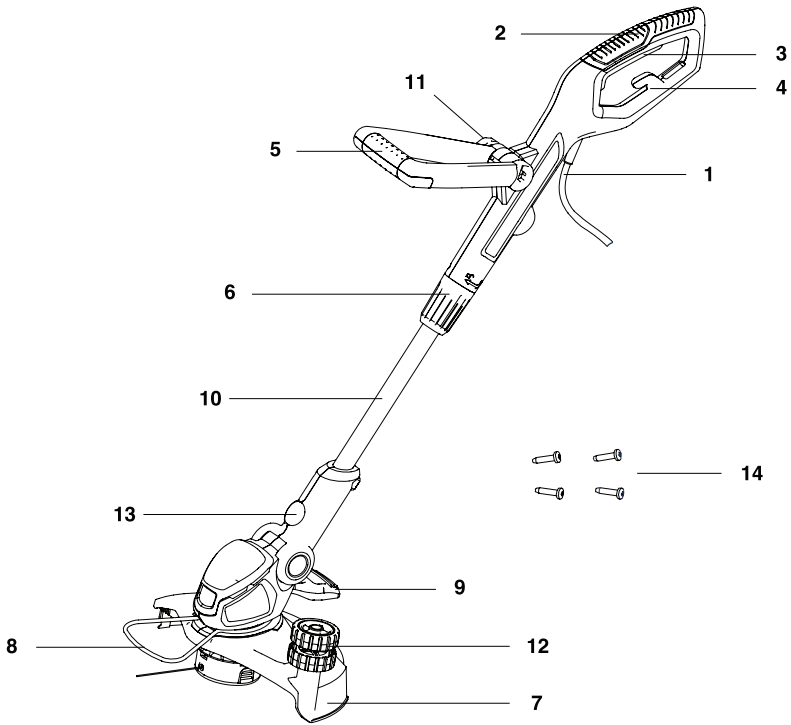
4. SAVE THESE INSTRUCTIONS

Refer to them frequently and use them to instruct others who may use this tool. If someone borrows this tool, make sure they have these instructions.

ADDITIONAL SAFETY RULES FOR LAWN TRIMMER/EDGER






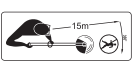


1. Keep guards in place and in working order.
2. Do not use this product without the guard being fitted.
3. Keep hands and feet away from cutting area.
4. Do not use heavier lines than recommended in this manual.
5. Do not use line materials of other types – for example, metal wire, rope, and the like.

SAVE THESE INSTRUCTIONS

KNOW YOUR GRASS TRIMMER/EDGER

- | | |
|-------------------------------------|-----------------------------|
| 1. Pigtail power cord | 8. Plant guard |
| 2. Main handle | 9. Tilt adjustment pedal |
| 3. On/off switch | 10. Pole |
| 4. Cable retainer | 11. Knob |
| 5. Front handle | 12. Wheel |
| 6. Locking sleeve length adjustment | 13. Angle adjustment button |
| 7. Guard | 14. Screw x4 |

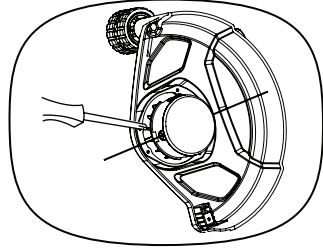
SAFETY SYMBOLS

	Warning.
	Read the manual.
	Wear eye protection.
	Wear ear protection.
	To avoid possibility of electric shock, do not use in damp or wet conditions.
	Keep all other people, including children, pets and bystanders outside the 15m (50ft) hazard zone, stop the trimmer immediately if you are approached.
	Double insulation.
	Switch off! Remove plug from mains before adjusting, cleaning or if cable is entangled or damaged.

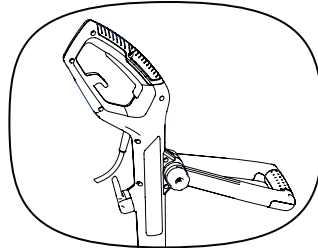
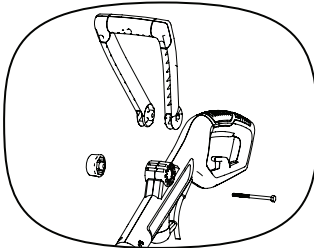
ASSEMBLY

1. SAFETY GUARD ASSEMBLY

- i. Align the guard (7) to the trimmer head and place it over it.
- ii. Secure the guard with the screws.



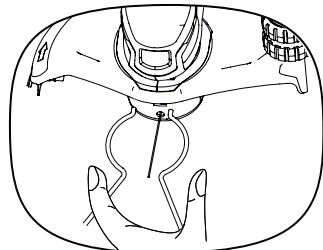
2. FRONT HANDLE ASSEMBLY



- i. Loosen the knob and remove it together with the bolt from the auxiliary handle.
- ii. Align the auxiliary handle to the support and place it onto it.
- iii. Insert the bolt from the right, through the opening. Ensure that the bolt head sits properly in the recessed shape in the support then tighten the knob.

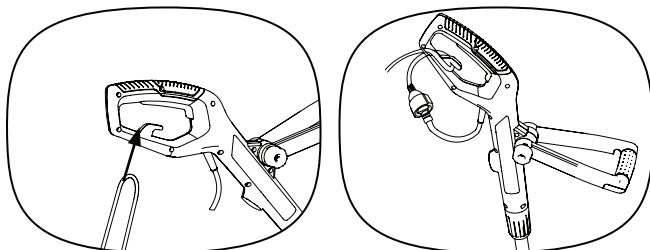
3. PLANT PROTECTOR ASSEMBLY

- i. Assemble the plant protector into the slot inbetween the guard and the trimmer head.



4. CONNECT TO MAIN SUPPLY

ATTENTION! For safety reasons the product is equipped with a short pigtail power cord. Do not connect the product to the power supply via this power cord. This cord must be attached to a proper extension cord. Observe the technical requirements for this product when purchasing an extension cord.



- i. Make sure the on/off switch is in the off position.
- ii. Double the extension cord, about 3cm from the end. Lead the loop through the hole on the rear safeguard and hook the loop over the cord strain relief. Gently pull on the cord to ensure that it is firmly attached.
- iii. Connect the extension lead to the pigtail power cord.

SELECT AN EXTENSION CORD



WARNING! Use only a voltage supply as specified on your unit.

Extension Cord Gauge Cord	
Length of Cord	Gauge
25 Ft. (7.5m)	18 Gauge
50 Ft. (15m)	16 Gauge
100 Ft. (30m)	16 Gauge

OPERATION

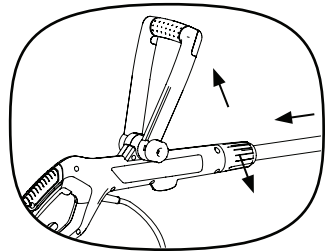
GENERAL OPERATION

NOTE:

- i. Check the power cord, plug and accessories, for damage before each use. Do not use the product if it is damaged or shows wear.
- ii. Make sure that the accessories and cutting device are properly fixed.
- iii. Always hold the product by its handles. Keep handles dry to ensure safe support.

HEIGHT ADJUSTMENT

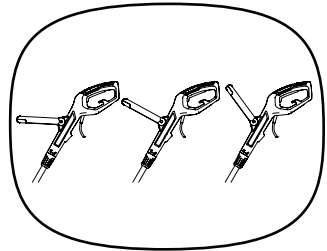
- i. Loosen the locking sleeve counterclockwise.
- ii. Adjust the pole length to fit your body height.
- iii. Tighten the locking sleeve counterclockwise.



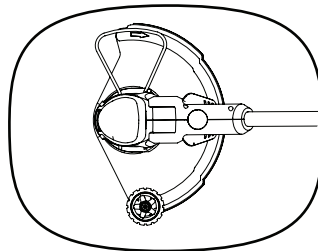
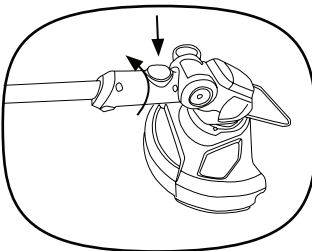
FRONT HANDLE ADJUSTMENT

Adjust the angle of the front handle to ease operation and prevent loss of control.

- i. Loosen the knob and move the front handle up or down.
- ii. Tighten the knob to secure the front handle into the adjusted position.



EDGING



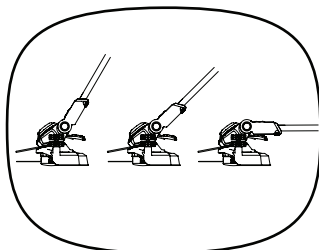
- i. Adjust the trimmer head to 90° for edging by pressing the locking button.
- ii. Turn the head 90°.
- iii. Twist the plant guard to an angle of 90°.

TILT ADJUSTMENT

Adjust the vertical angle of the trimmer head to fit the trimming conditions.

- i. Press the tilt adjustment pedal down with your foot.
- ii. Adjust the angle of the pole, up or down.
- iii. Release the unlock pedal and keep moving the pole until it locks in place.

NOTE: Always ensure that the pedal snaps into place after adjusting the trimmer in one of the three positions!



AUTOMATIC LINE FEEDING

The equipment features a fully automatic dual line system.

The lines will automatically elongate every time you turn on the appliance. To support proper line elongation, ensure that the coil has stopped moving completely before turning on the appliance again.

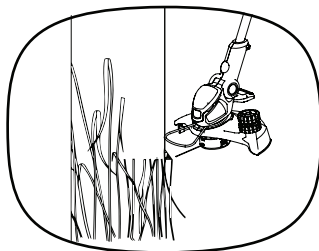
The lines are automatically cut to the correct length by the line cutter.

PLANT PROTECTOR

Use the plant protector to keep distance to plants like flowers, trees or other objects that could be hit by the cutting device.

- i. Fold the plant protector out for trimming / edging operation.
- ii. Fold the plant protector in for storage.

WARNING! Adjust the plant protector position only when the product is switched off and the cutting device is at a complete stop!



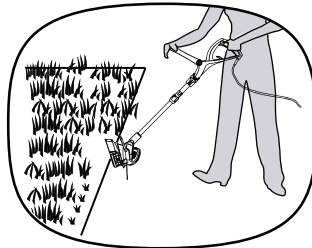
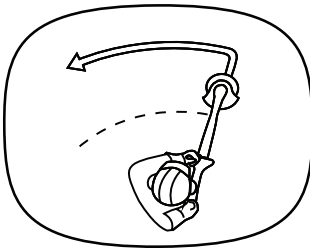
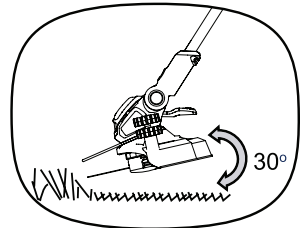
SWITCHING ON/OFF

- i. Press the on/off switch (3) to turn the product on.
- ii. Release the on/off switch (3) to turn the product off.

TRIMMING

- i. Ensure the knife protector label is removed before use.
Ensure you wear gloves when removing this label.
- ii. Adjust the trimmer head angle to 0° for trimming operation.

- iii. Hold the grass trimmer firmly, keeping your balance with feet slightly apart. Alter the height of the product if needed to ensure an upright posture.
- iv. Hold the trimmer head just above the ground at an angle of approximately 30°.

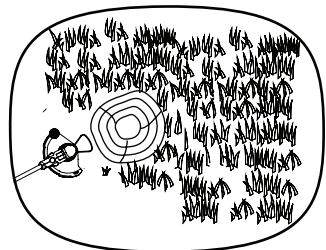


- v. Move the product slowly from side to side in a swinging motion.
- vi. Ensure the cutting device remains clean and free from off-cuts that may cause it to jam. Check regularly. Release the on/ off switch and disconnect the product from the power supply before checking.
- vii. Trim longer grass in stages; do not cut long grass in one cut. For the best results, cut longer grass in steps.
- viii. Place the trimmer along the edge of the lawn, resting on the wheel.
- ix. Turn product on and push the trimmer forward slowly, letting the wheel guide you while edging the lawn.

TIPS

- i. For best results, do not cut wet grass because it tends to stick to the cutting head and guard, prevents proper discharge of grass trimmings, and could cause you to slip and fall.
- ii. Do not allow the spool cover to drag on the ground or other surfaces.
- iii. Pay special attention when performing the work close to trees and bushes. The cutting head could damage sensitive bark, and damage fence posts.
- iv. Fold the plant protector out to avoid bringing the cutting device into contact with hard objects such as walls and curbs.

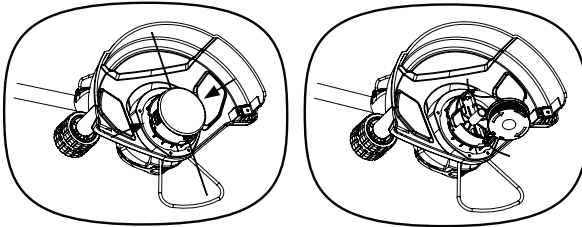
NOTE: The trimming line will wear faster and require more feeding if the cutting or edging is done along sidewalks or other abrasive surfaces or heavier weeds are being cut.



MAINTENANCE

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

REPLACING THE SPOOL



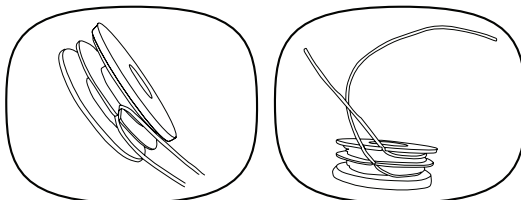
NOTE: Before replace the spool, make sure the mains plug is disconnected from the unit.

- i. Press together both locking device tabs on the spool cover and remove the cover.
- ii. Remove the old spool from the spool cover
- ii. Clean out any dirt or grass residue.
- iii. Put the new spool in the spool housing, thread the line into the hole.

! **WARNING!** Please always keep the spring in position.

WINDING THE LINE

NOTE: Should you wish to wind the line yourself, the instructions are provided below: Self-winding, however, is NOT recommended because if the line is not wound properly it can cause the trimmer's feed system to malfunction. For this reason, users are strongly urged to purchase the prewound spool.



- i. Hold the loose ends of the line together with one hand, find the center of the line with the other hand and hook this center loop into the groove on the spool.
- ii. Wind the line following the directional arrows on the spool housing and hook the two ends into the side grooves.

STORAGE

- i. Store the product and its accessories in a dry, frost-free place.
- ii. Always store the product in a place that is inaccessible to children. The ideal storage temperature is between 10°C and 30°C (50°F and 86°F).

TRANSPORTATION

- i. Switch the product off and disconnect from power supply before transporting it anywhere.
- ii. Protect the product against scratching and secure it to avoid damage from impact.

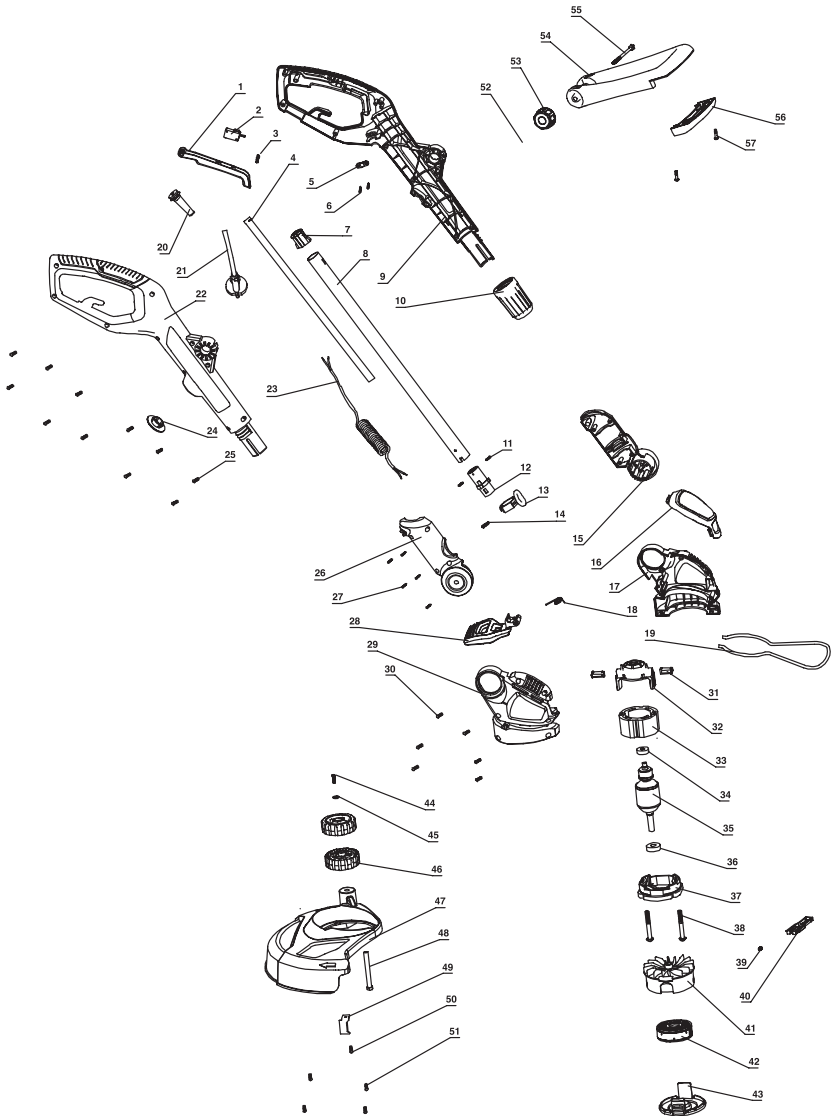
AFTER USE

After use, disconnect the machine from the mains and check for damage. Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Mains powered trimmers should only be repaired by an authorized repairer and use only manufacturers recommended replacement parts and accessories.

Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place out of the reach of children. Keep the motor ventilation slots clean. Keep all working controls free of dust. If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.

TROUBLESHOOTING

PROBLEM	SOLUTION
Product does not start.	Not connected to power supply.
	Power cord or plug is defective.
	Other electrical defect to the product.
	If any of the parts are defective, such as On/Off switch / motor etc. Please contact after sales support at customer service.
Product does not reach full power.	Please contact after sales support at customer service.
	Power source (e.g. generator) has too low a voltage.
	Air vents are blocked.
Unsatisfactory result.	Please contact after sales support at customer service.

EXPLODED VIEW

PARTS LIST

No.	PART CODE	DESCRIPTION	Qty
01	AIAA011001	Switch button	01
02	AIAA011002	Switch	01
03	AIAA011003	Spring	01
04	AIAA011004	Plastic tub	01
05	AIAA011005	Cable fixture plate	01
06	AIAA011006	Self-tapping screw st4.2x13	02
07	AIAA011007	Active handle cap	01
08	AIAA011008	Tub	01
09	AIAA011009	Left handle	01
10	AIAA011010	Knob	01
11	AIAA011011	Self-tapping screw st2.9x9.5	02
12	AIAA011012	Insulation cap	01
13	AIAA011013	Button	01
14	AIAA011014	Spring	01
15	AIAA011015	Left spindle	01
16	AIAA011016	Housing cover	01
17	AIAA011017	Left housing	01
18	AIAA011018	Torsion spring	01
19	AIAA011019	Flower protection ring	01
20	AIAA011020	Cable sleeve	01
21	AIAA011021	Cable	01
22	AIAA011022	Right handle	01
23	AIAA011023	Internal cable	01
24	AIAA011024	Cap	01
25	AIAA011025	Self-tapping screw st4.2x13	11
26	AIAA011026	Right spindle	02
27	AIAA011027	Self-tapping screw st2.9x13	05
28	AIAA011028	Pedal	01
29	AIAA011029	Right housing	01
30	AIAA011030	Self-tapping screw st4.2x16	06
31	AIAA011031	Brush assy	02
32	AIAA011032	Rear cover	01

PARTS LIST

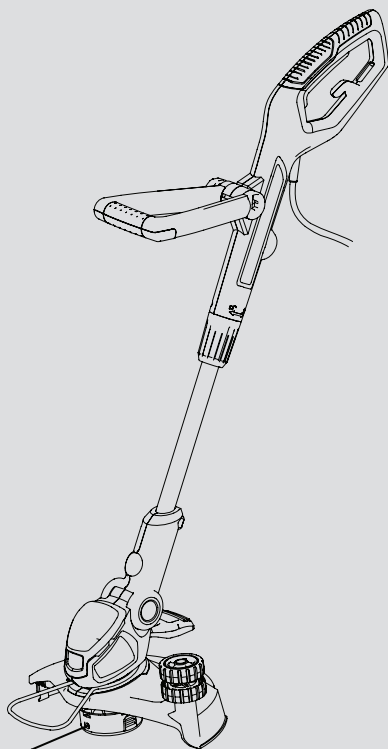
No.	PART CODE	DESCRIPTION	Qty
33	AIAA011033	Stator	01
34	AIAA011034	Bearing 608	01
35	AIAA011035	Rotor	01
36	AIAA011036	Bearing 6000	01
37	AIAA011037	Front cover	01
38	AIAA011038	Self-tapping screw st4.2x60	02
39	AIAA011039	Spring	01
40	AIAA011040	Balance part	01
41	AIAA011041	Fan	01
42	AIAA011042	Spool	01
43	AIAA011043	Spool cover	01
44	AIAA011044	Self-tapping screw st4.2x13	01
45	AIAA011045	Flat washer 4	01
46	AIAA011046	Wheel	02
47	AIAA011047	Guard	01
48	AIAA011048	Axle	01
49	AIAA011049	Blade	01
50	AIAA011050	Self-tapping screw st4.2x9.5	01
51	AIAA011051	Self-tapping screw st4.2x16	04
52	AIAA011052	Nut m6	01
53	AIAA011053	Knob	01
54	AIAA011054	Front handle	01
55	AIAA011055	Bolt m6x90	01
56	AIAA011056	Front handle cover	01
57	AIAA011057	Self-tapping screw st4.2x13	03

WARRANTY

BENCHMARK 5.5 AMP, 2 IN 1 GRASS TRIMMER/EDGER WARRANTY

If this Benchmark tool fails due to a defect in material or workmanship within five years from the date of purchase, it has a five-year repair warranty with the original bill of sale. This warranty does not include expendable parts including but not limited to blades, brushes, belts, light bulbs and/or batteries. This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Benchmark product is used for commercial or rental purposes, this warranty does not apply. For use at the consumer level. The warranty is not for industrial or commercial applications.

5.5 AMP, 2 IN 1 GRASS TRIMMER/EDGER



120V • 60Hz • 5.5AMP

BENCHMARK ✓

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