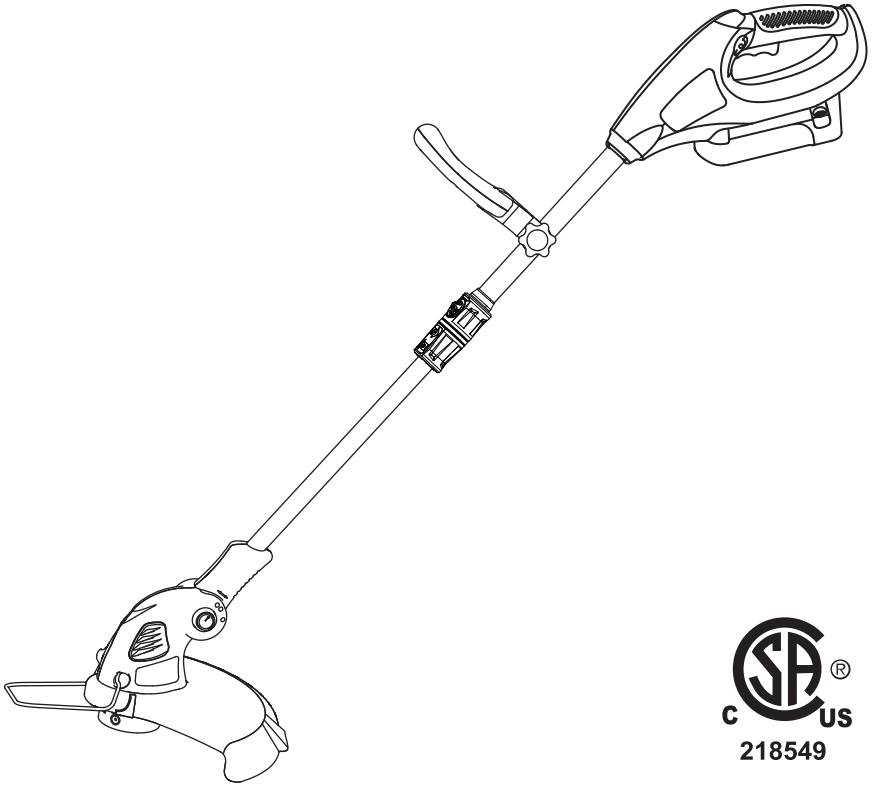
YARDWORKS®MD

CORDLESS GRASS TRIMMER/EDGER

060-2273-4



218549

Owner's Manual

TOLL-FREE HELPLINE: 1-877-888-3872

WARNING: Read and follow all safety rules and operating instructions before using this product.

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Technical Data

Motor	24V
Battery	24V, 1.7Ah, nickel-cadmium
Feed	Automatic
Speed	8000 RPM (no load)
Cutting Path	12" (30 cm)
Line diameter	0.065" (1.65 mm)
Charge time	1 1/2 hours
Run Time	Approximately 30 minutes
Weight	7 lb 4 oz (3.3 kg) with battery

Use with YARDWORKS 60-2267-0 replacement spool
Use with YARDWORKS 60-2143-4 replacement battery

ENERGY STAR Powered by an ENERGY STAR® qualified battery charger for a better environment

A alimenté par une ETOILE D'ENERGIE chargeur qualifié pour un meilleur environnement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.

SAFETY INFORMATION

Read this entire Owner's Manual carefully and understand it thoroughly before attempting to assemble or operate this Grass Trimmer. These safety rules are not meant to cover every possible condition that may occur. If questions arise concerning the product, contact the Toll-Free Helpline, at 1 877 888-3872, between 8:30 a.m. and 5:00 p.m. EST, Monday to Friday.

Safety Signals

The purpose of safety signal statements and symbols is to attract your attention to possible danger. Read them carefully to understand and practice proper accident prevention.

⚠DANGER⚠ Signals an EXTREME hazard.

Failure to obey a safety DANGER signal WILL result in serious injury or death to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.

⚠WARNING Signals a serious hazard.

Failure to obey a safety WARNING signal CAN result in serious injury to yourself and to others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.

CAUTION! Signals a moderate hazard.

Failure to obey a safety CAUTION signal MAY result in property damage or personal injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.

IMPORTANT! Signals special mechanical information.

NOTE: Signals additional important general information.

Safety Tool Symbols

IMPORTANT! Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

SYMBOL	NAME	EXPLANATION	SYMBOL	NAME	EXPLANATION
V	Volt	Potential voltage	~	Alternating current	Type or a characteristic of current
A	Amperes	Current	⎓	Direct current	Type or a characteristic of current
Hz	Hertz	Frequency (cycles per second)	⧈	Class II	Designates double insulation
n_0	No load speed	Rotational speed at no load			
.../min	Movements per minute	Revolutions, strokes, surface speed, orbits, etc. per minute		Ni-Cad Battery Recycling	Designates that this tool is in compliance with Ni-Cad battery recycling program

SAFETY INFORMATION

⚠WARNING

READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

Work Area

• Keep your work area clean and well lit.

• Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks that may ignite the dust or fumes.

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

Electrical Safety

•A battery-operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.

•Use a battery-operated tool only with specified battery pack. Use of any other batteries may create a risk of fire.

Personal Safety

•Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.

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

•Avoid accidental start-ups. Make sure the switch is in the locked or off position before inserting battery pack. Carrying tools with your finger on the switch or inserting the battery pack into a tool with the switch on invites accidents.

•Remove adjusting keys or wrenches before turning the tool on. A wrench or key that is left attached to a rotating part of the tool may result in personal injury.

•Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enable better control of the tool in unexpected situations.



ALWAYS WEAR EYE PROTECTION.
A grass trimmer can throw foreign objects into your eyes, which could cause permanent eye damage. ALWAYS wear safety goggles (not glasses). Ordinary eyeglasses have only impact-resistant lenses... they are NOT safety goggles.

Tool Use and Care

•Do not use tool if switch does not turn it on or off. A tool that can not be controlled with the switch is dangerous and must be repaired.

•Disconnect battery pack from tool or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.

•Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.

•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 sparks, burns, or a fire.

•Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.

•Use only accessories that are recommended by the manufacturer for your tool. Accessories that may be suitable for one tool may create a risk of injury when used on another tool.

Service

•Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel may result in a risk of injury.

•When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

SAFETY INFORMATION

For ALLGarden Tools

•Avoid dangerous environment. Don't use tool in damp or wet locations.
•Don't use in rain.
•Keep bystanders and children away while operating.
•Dress properly. Do not wear loose clothing or jewellery.They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors.
•Avoid unintentional start-ups.
•Don't grasp the exposed cutting line when picking up or holding the tool.
•Don't force the tool. It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
•Don't overreach. Keep proper footing and balance at all times.
•When not in use, tool should be stored indoors in dry, high, or a locked-up place, out of reach of children.
•Maintain tool with care. Keep cutting line clean for best performance and to reduce the risk of injury.
•Keep guards in place and in working order.
•Keep hands and feet away from cutting line.
•Always use eye protection.

For Grass Trimmers

•To avoid injury, always remove the battery pack before installing the guard, changing a cutting line, or making any adjustments.
•NEVER fit metal cutting elements or blades.
•Keep ventilation openings clear of debris. Keep handles dry, clean, and free of oil and grease.
•Before using the grass trimmer, remove any stones, sticks, debris or objects that could become entangled or thrown by the trimmer.
•DO NOT switch ON until the grass trimmer is in its normal operating position. Do not squeeze the trigger while the grass trimmer is inverted.
•**NEVER** reach under the grass trimmer (the cutting line area) until it has completely stopped. The trimmer's cutting line continues to rotate for 5 seconds after being switched OFF.
•During operation, ensure that there are no other persons or animals within a radius of 30' (9.1 m). Stop using the tool while people,especially children, or pets are nearby.
•Keep the cutting head and motor clean to reduce the risk of injury.
•Use only the specified size and type of cutting line. Do not substitute.

For Battery Pack and Charger

To avoid serious injury, risk of fire, explosion and danger of electric shock or electrocution:
• DO NOT probe the charger with conductive materials. The charging terminals hold 120 V.
• If the battery pack case is cracked or damaged, DO NOT insert into the charger. Replace the battery pack.
• DO NOT charge these battery packs with any other type of charger.
• Charge only the grass trimmer battery pack provided.
• DO NOT allow liquid inside the charger.
• DO NOT try to use the charger for any other purpose than what is presented in this manual.

⚠WARNING

If the battery fluid gets in your eyes, flush immediately with clean water for at least 15 minutes. Get immediate medical attention. Do not charge the battery pack in rain or in wet conditions. Do not immerse the tool, battery pack, or charger in water or other liquid.
• Do not allow the battery pack or charger to overheat. If they are warm, allow them to cool down. Recharge only at room temperature.
• Do not cover the ventilation slots on the top of the charger. Do not set the charger on a soft surface. Keep the ventilation slots of the charger clear.
• Do not allow small metal items or material such as steel wool, aluminum foil, or other foreign particles into the charger cavity.
• Unplug the charger before cleaning and when there is no battery pack in the cavity.
• Do not place the battery charger or the battery pack in the sun or in a warm environment. Keep at normal room temperature.
• Do not try to connect two chargers together.
• The battery pack cells may develop a small leak under extreme usage or temperature conditions. If the outer seal is broken and the leakage gets on your skin:
– Use soap and water to wash immediately.
– Neutralize with lemon juice, vinegar, or other mild acid.

SAFETY INFORMATION

⚠WARNING

READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow safety rules listed below may result in electric shock, fire, and/or personal injury:

• Do not abuse the cord. Never use the cord to carry the tool. Never pull on the cord to remove the plug from the power outlet. Keep cords away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately. They may create a fire. Do not use.

• Do not place the charger where the power cord might be stepped on, tripped on, or subjected to damage.

• A battery-operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.

• Use a battery-operated tool only with the specifically designated battery pack. Use of any other batteries may create a risk of fire.

Grounding (Fig. A)

In the event of a malfunction or breakdown, grounding provides the path of least resistance for electric current, and reduces the risk of electric shock.

This battery charger is double insulated ⧈ and has a two-prong polarized plug (one blade is wider than the other). This plug will fit into a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. DO NOT change the plug in any way. **IN ALL** cases, make sure the outlet is properly grounded. If you are not sure, have a certified electrician check the power outlet.

Fig. A

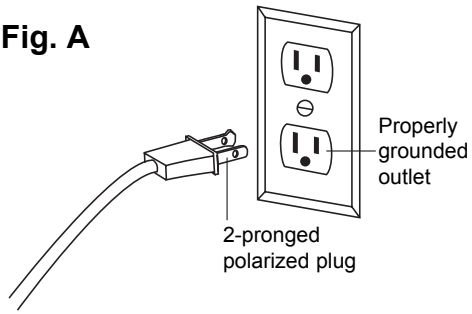
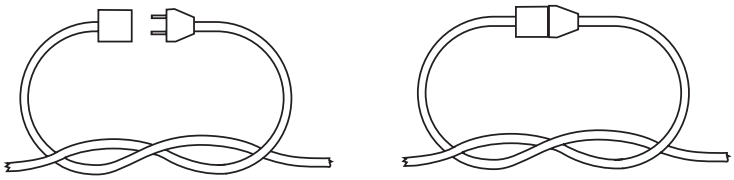


Fig. B



Extension Cords (Fig. B)

Do not use an extension cord for the charger unless absolutely necessary. If you use an extension cord make sure the cord is in good condition.

Use one heavy enough to carry the current your charger will draw. An undersized extension cord will cause a drop in line voltage, resulting in loss of power and overheating.The table below shows the correct size of extension cord to use, depending on cord length and the charger's ampere rating listed on the nameplate. If in doubt, use the next heavier gauge. The smaller the gauge number is, the heavier the cord.

Make sure your extension cord is properly wired and in good condition. Always replace a damaged cord or have it repaired by a qualified electrician. Protect your extension cord from sharp objects, excessive heat and damp or wet areas.

Use a separate electric circuit for your tools. Never use any other voltage or power source than common household 120 V electrical power. The circuit must not beless than a #12 wire, and should be protected with a 15 A time-delayed fuse. Before connecting the charger to the power line, make sure the electric current is rated the same as the current stamped on the charger nameplate. To reduce the risk of disconnection of charger cordfrom the extension cord during operation, make a knot (Fig. B).

Minimum Gauge for Extension Cords (AWG)

(when using 120 V only)

Ampere Rating		Total Length of Cord in Feet (meters)			
More Than	Not More Than	25' (7.6 m)	50' (15 m)	100' (30.4 m)	150' (45.7 m)
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

PACKAGE CONTENTS

By purchasing a battery-powered tool, you have helped reduce the pollution level of our environment. Please check the contents of the carton with **Fig. A.** Examine all the parts before using the cordless grass trimmer and battery charger. If any parts are missing or damaged, please call **1 866 523-5218** for assistance.

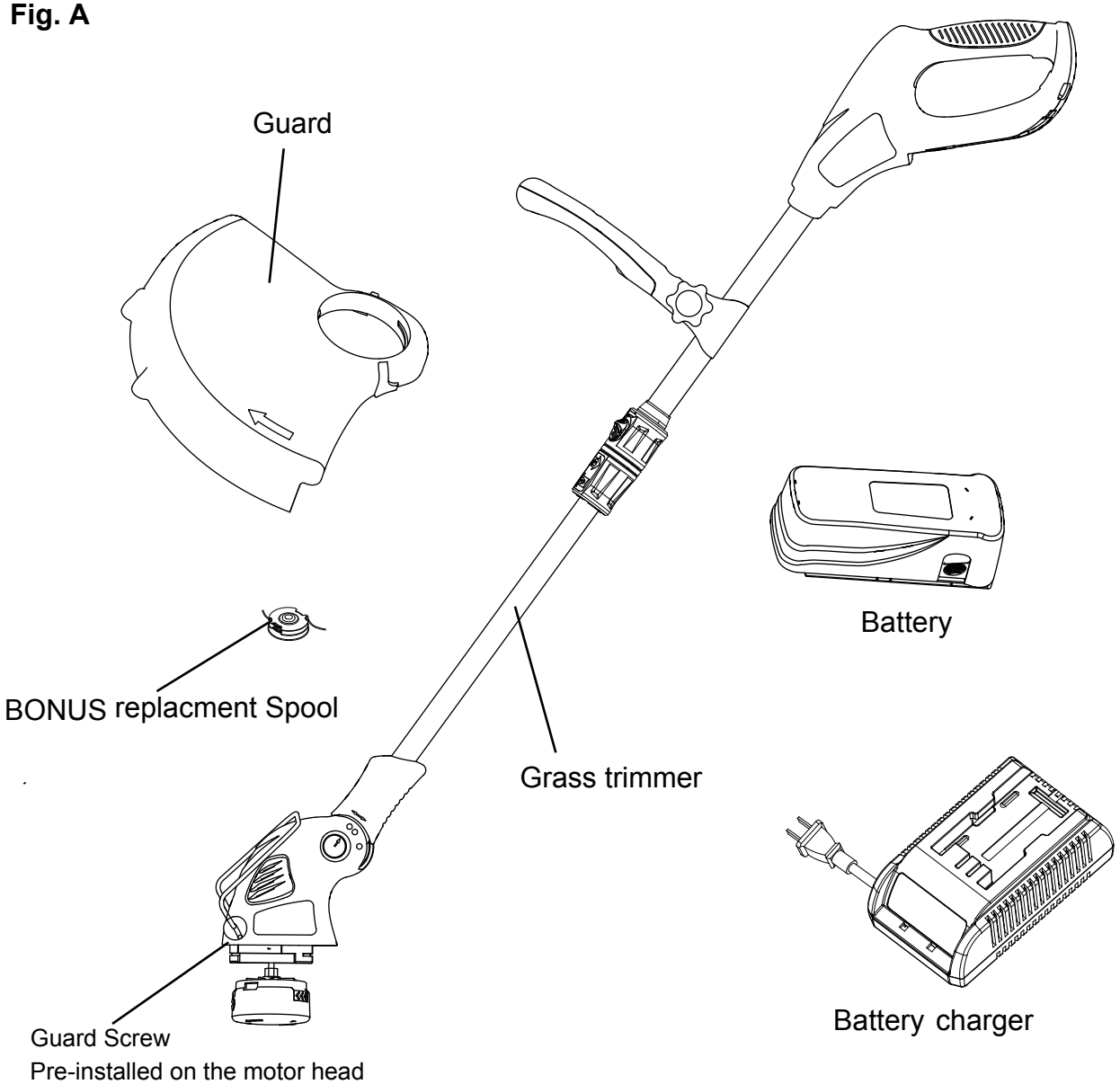
⚠WARNING

To reduce the risk of fire, electric shock, and personal injury:

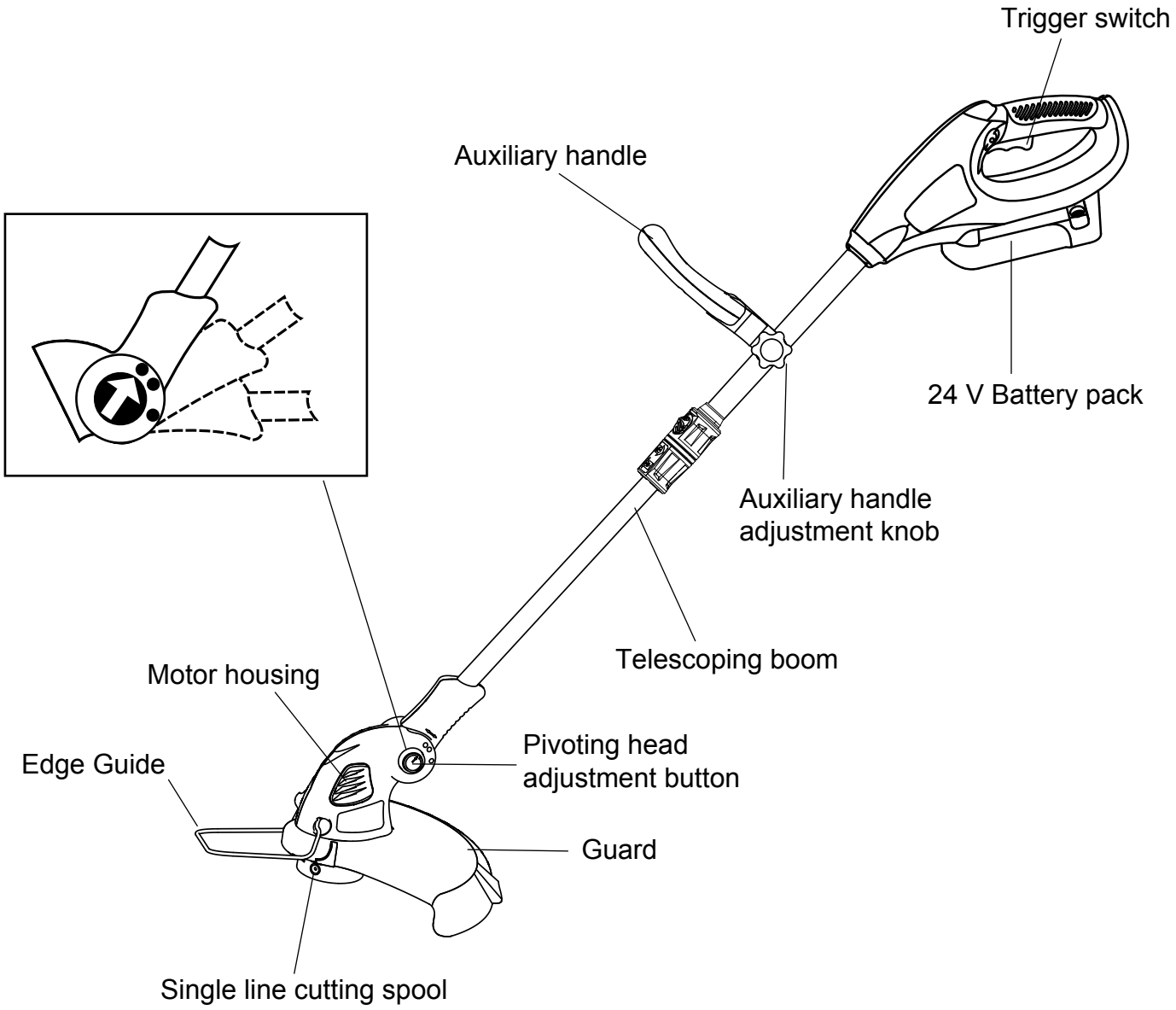
• Read all instructions before using this tool. Basic safety precautions should always be followed.

• Please keep these instructions safe for later use. The safety rules must be followed to avoid injury when using the grass trimmer.

Fig. A



KNOW YOUR 24 V CORDLESS GRASS TRIMMER/EDGER



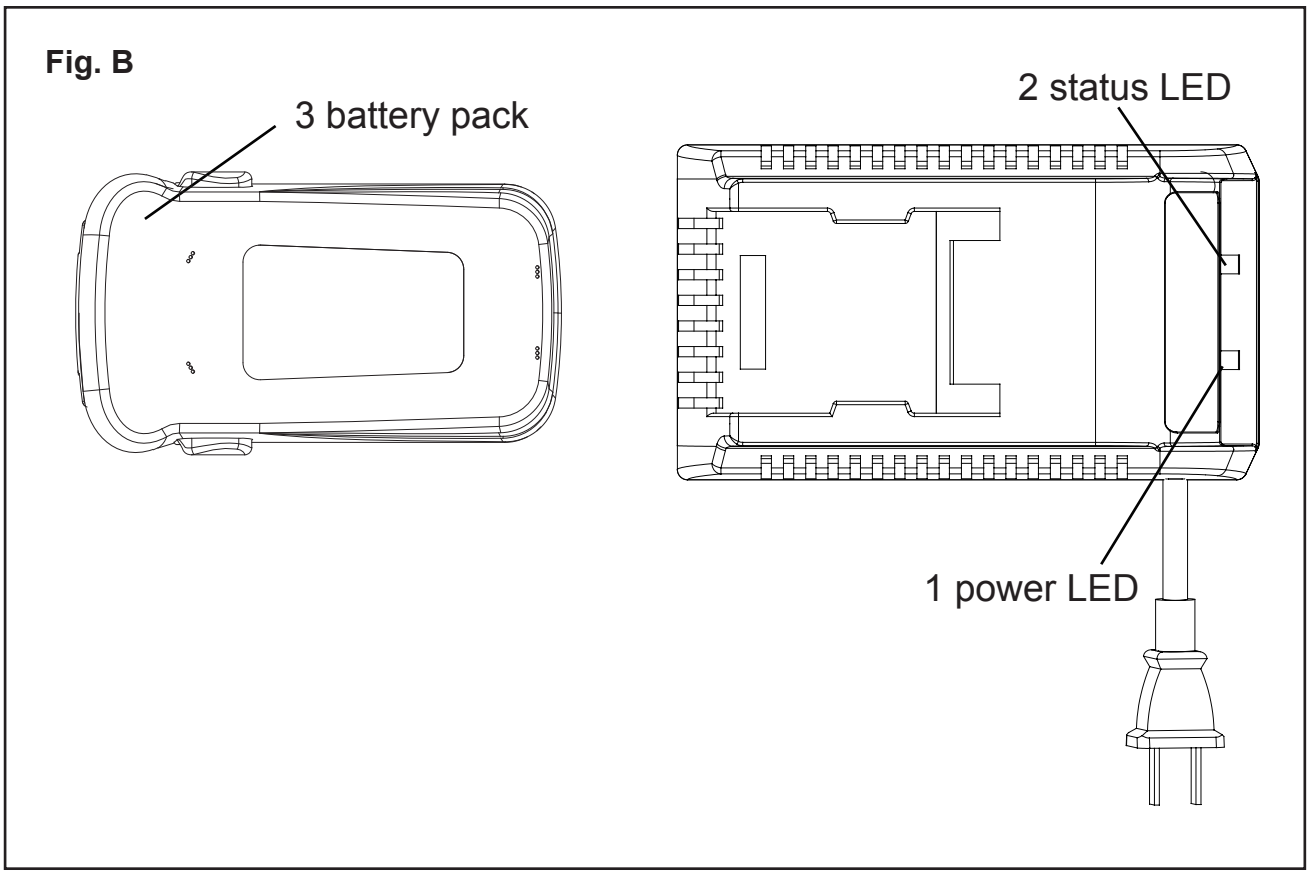
CHARGING PROCEDURE

With regular use, the battery pack will need 90 MINUTES or less to fully charge. Allow the battery to fully discharge before recharging. It is recommended to charge the battery pack every 3 months when not in use.

1. Plug the charger into an AC power outlet.
2. Insert the battery pack (3) into the charge, the power LED (1) will turn red. Make sure the latch and battery are fully inserted into the charger.
3. Wait 5 seconds, the status LED (2) will turn red, indicating a connection to the power source and that the battery is charging.
4. When the battery has become fully charged, the status LED (2) will turn green. The battery can be stored in the charger, as long as the charger is not plugged in.

NOTE: During charging once you find that Status LED flash a red light, that means you should replace with new battery pack.

Fig. B



ASSEMBLY INSTRUCTIONS

Battery pack (Fig. C)

IMPORTANT! The battery is not shipped fully charged. It is recommended that the battery be fully charged before the initial use.
With regular use, the battery pack will take 90 MINUTES or less to charge fully. It is recommended that the battery be charged every 3 months when the trimmer is not in use. The battery's run time will improve after the third or fourth charge.

⚠WARNING

To avoid injury and to reduce the risk of electric shock or fire:

- Replace the battery pack or charger immediately if the battery case or charger cord is damaged.
- Always make sure the grass trimmer switch is OFF before inserting or removing the battery pack.
- Always make sure the battery pack is removed and the switch turned OFF before replacing spools or adjusting the line.
- Read, understand, and follow the Battery Charger instructions.

To Remove the battery

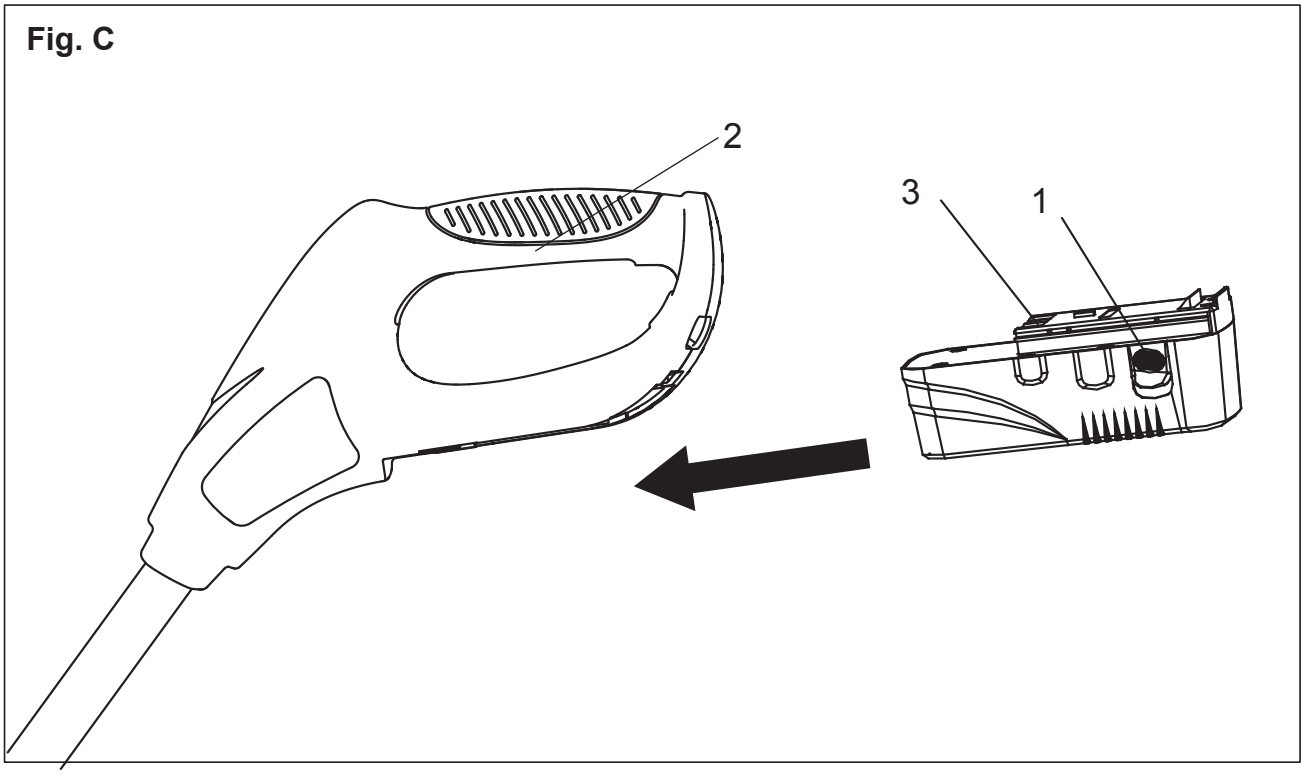
1. Press in and hold the latch buttons **(1)** on both sides of the battery pack.
2. Grasp the trigger handle **(2)** firmly. Pull the battery pack out of the handle.

NOTE: The battery pack fits snugly into the handle to prevent accidental dislodging. It may require a strong pull to remove.

To Install

1. Align the tongue **(3)** of the battery pack with the cavity in the handle housing.
2. Grasp the trigger handle **(2)** firmly.
3. Push the battery pack into the handle until both sides lock. The latch buttons will click when they lock.
4. Do not use force when inserting the battery pack. It should slide into place and click.

Fig. C



ASSEMBLY INSTRUCTIONS

Guard (Fig. D)

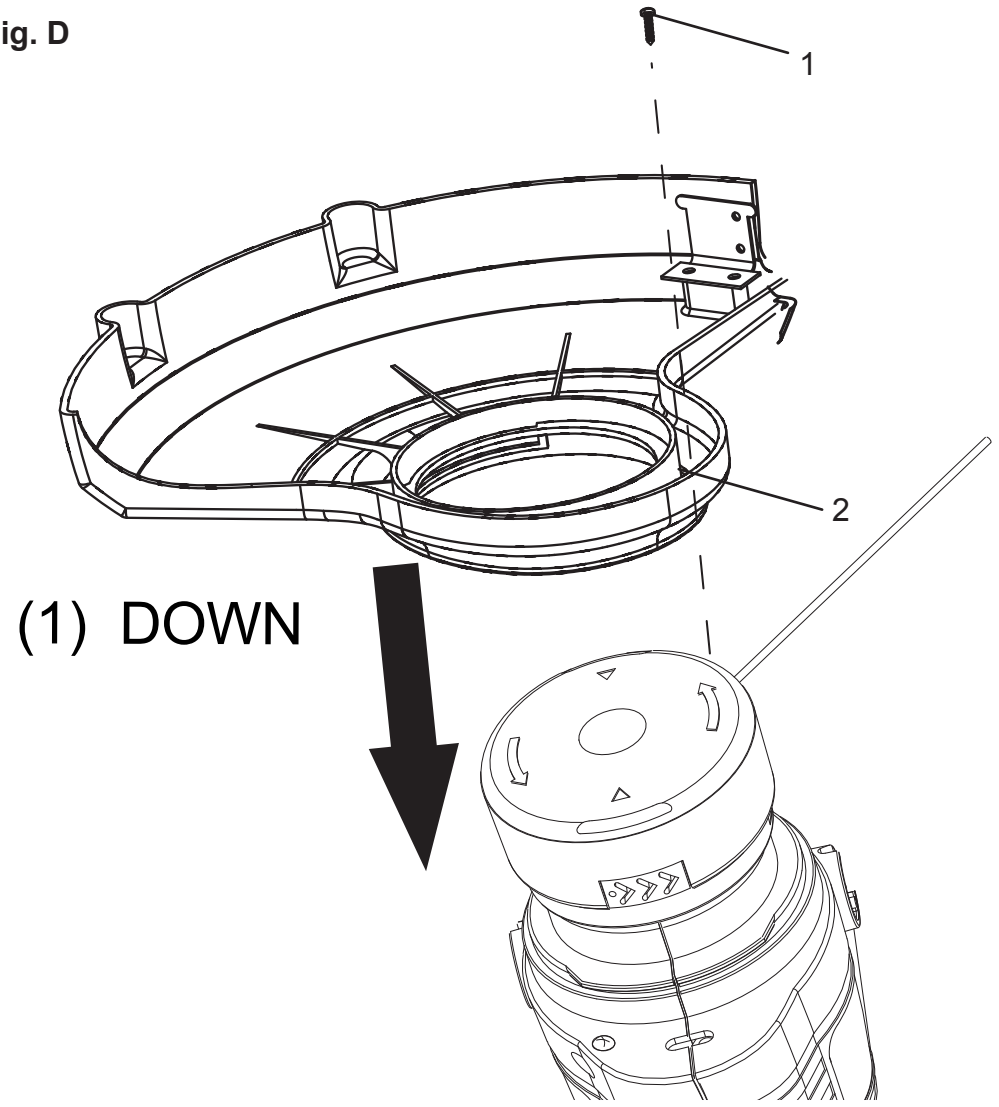
To avoid injury, always remove the battery pack before installing the guard, changing a cutting line, or making any adjustments.

If the guard is damaged, do not use the grass trimmer until it is replaced.

NOTE: Install the protective guard before operating the grass trimmer. It cannot be removed or disassembled.

1. Remove the battery pack.
2. Invert the grass trimmer to access the trimmer head.
3. Using a Phillips head screwdriver, remove the pre-installed screw **(1)** from the trimmer head.
4. Place the guard **(2)** on to the trimmer head and turn the guard 45° following the track on the head.
5. Align the screw hole on the guard with the screw hole on the trimmer head.
6. Insert the screw into the trimmer head, fastening the guard in place.

Fig. D

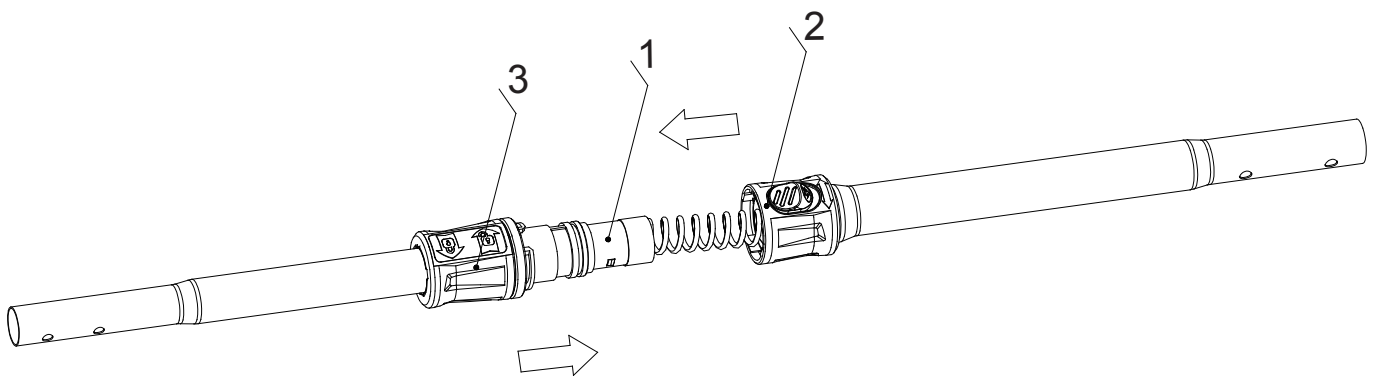


ASSEMBLY INSTRUCTIONS

Assemble the two halves of the boom(Fig. E1)

1.Insert the lower shaft(3) into upper shaft(2).
2.Then turn the upper shaft(2) until lock button clicks into place.
3.Turn the lower shaft(3) collar until locked into place.

Fig. E1



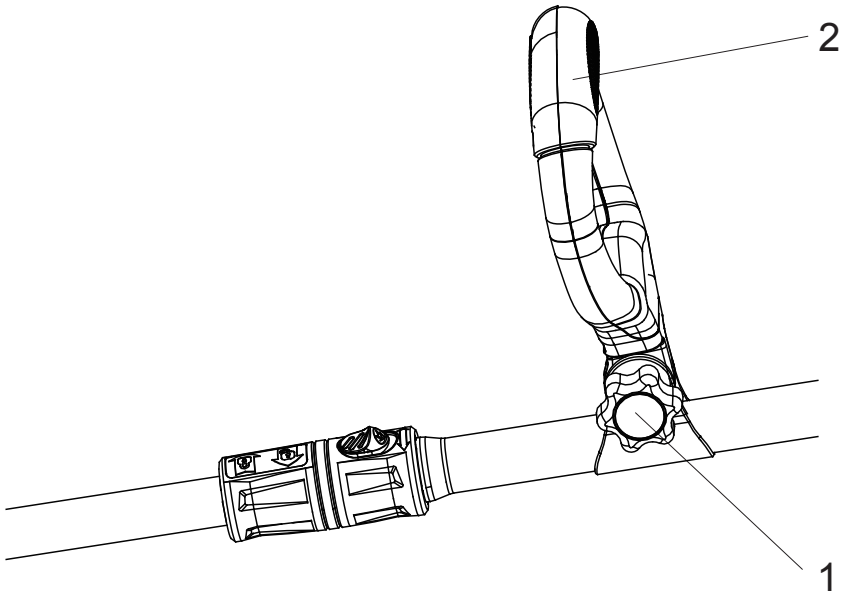
Auxiliary handle (Fig. E2)

⚠WARNING

To avoid injury, adjust the auxiliary handle for optimum control and balance. Do not overreach when operating the grass trimmer. Keep proper balance at all times for better control of the tool in unexpected situations.

1. Turn the handle lock knob **(1)** counter-clockwise several turns to loosen the auxiliary handle **(2)**.
2. Adjust the handle position to provide the best level of balance and control for the operator.
3. Securely lock the handle in position by turning the knob clockwise.
4. Before operating the grass trimmer, make sure the auxiliary handle is tightly locked into position.

Fig.E2



ASSEMBLY INSTRUCTIONS

Cutting Line (Fig. F)

A spool of monofilament cutting line is preinstalled on the grass trimmer. When the cutting line needs replacing, insert a new spool.

To avoid injury, always remove the battery pack before installing the guard, changing a cutting line, or making any adjustments.

To remove the spool:

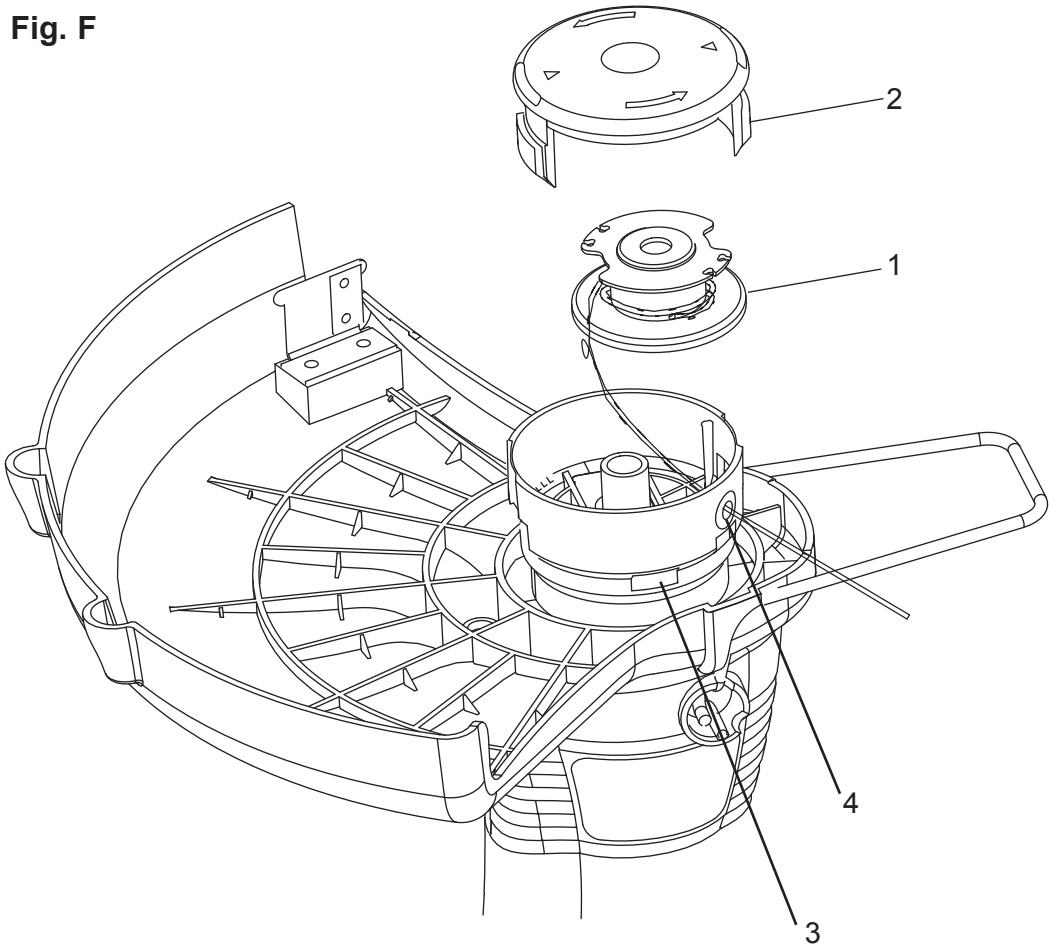
1. Disconnect trimmer from the power supply.
2. Turn grass trimmer over to access the spool.
3. Remove spool cover by pressing on two tabs parallel to each other on the side of the cover **(2)**.
4. Remove the spool **(1)** from the spool housing **(3)**.

To replace the spool:

1. Replace the spool **(1)** with a new pre-wound spool.
2. Insert the end of line through the opening **(4)** in the spool housing **(3)**.
3. Align the tabs on the spool, cover with the slots in the spool housing on the trimmer head.
4. Push down on the spool cover locking it to the spool housing.
5. To advance the line when initially installed, you must pull the line while pressing the black line release button on the side of the spool housing **(3)**.

⚠WARNING To avoid injury, always remove the battery pack before installing the guard, changing a cutting line, or making any adjustments.

Fig. F



OPERATING INSTRUCTIONS

⚠WARNING

To avoid injury:

- **Do not squeeze the trigger while the grass trimmer is inverted.**
- **Do not carry the grass trimmer with your finger on the switch. Avoid unintentional starting.**

To Turn the Grass Trimmer On:

1. Press and hold the Lock-OFF button (1).
2. Squeeze the trigger switch (2).
3. Release the Lock-OFF button. The grass trimmer will stay ON as long as the trigger switch is squeezed.

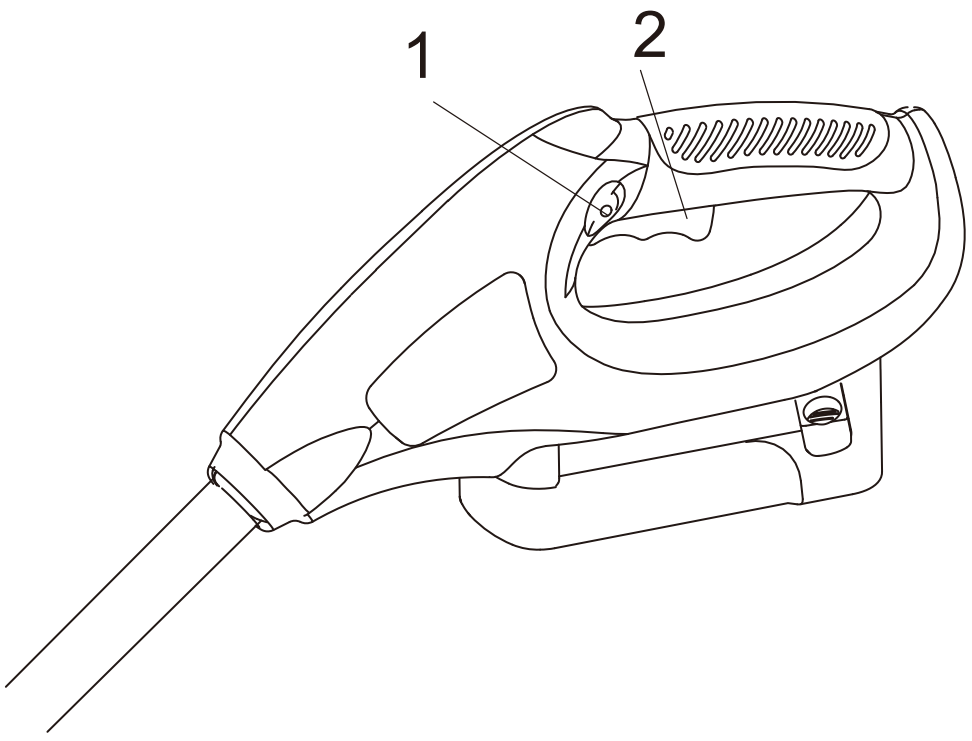
To Turn the Grass Trimmer Off:

1. Release the trigger switch (2).
2. Allow at least 5 seconds for the cutting spool to stop rotating.
3. The grass trimmer will be locked OFF until he Lock-OFF button is pressed again.

CAUTION!

Always allow 5 seconds or more for the cutting line spool to stop rotating after releasing the trigger switch. Do not invert the grass trimmer, or place your hands under the protective guard, until the grass trimmer spool has come to a complete stop.

Fig. G



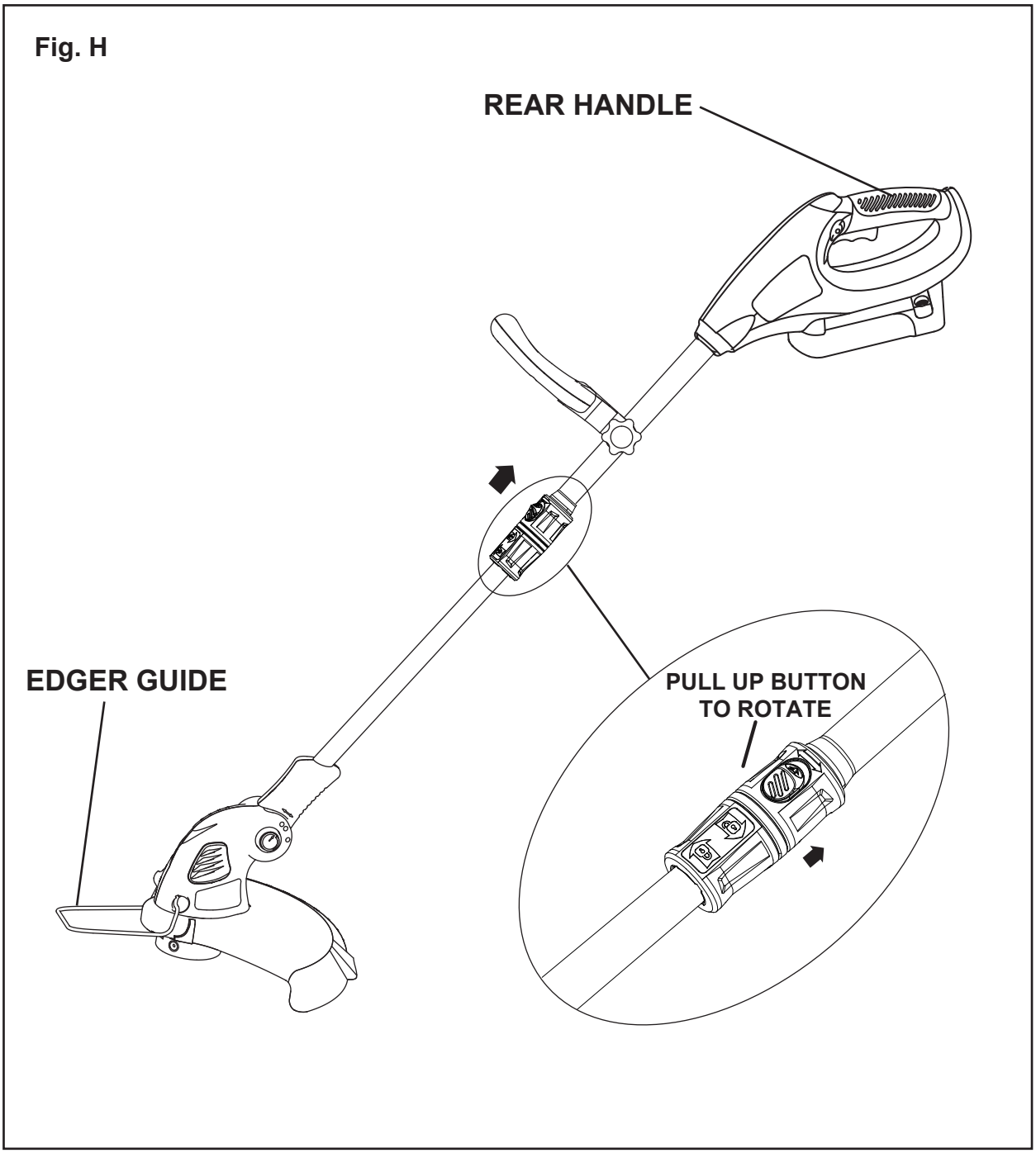
OPERATING INSTRUCTIONS

Edging function (Fig. H)

This trimmer is equipped with an edging feature for use on the sidewalks or walkways, patios and/or driveways to clear over -grown grass from manicured surfaces.

1. Pull up edging coupler and turn handle end counterclockwise.
2. Release edging boom coupler when handle has been rotated 180°.
3. Flip the edging guide down until it locks into place.

Fig. H



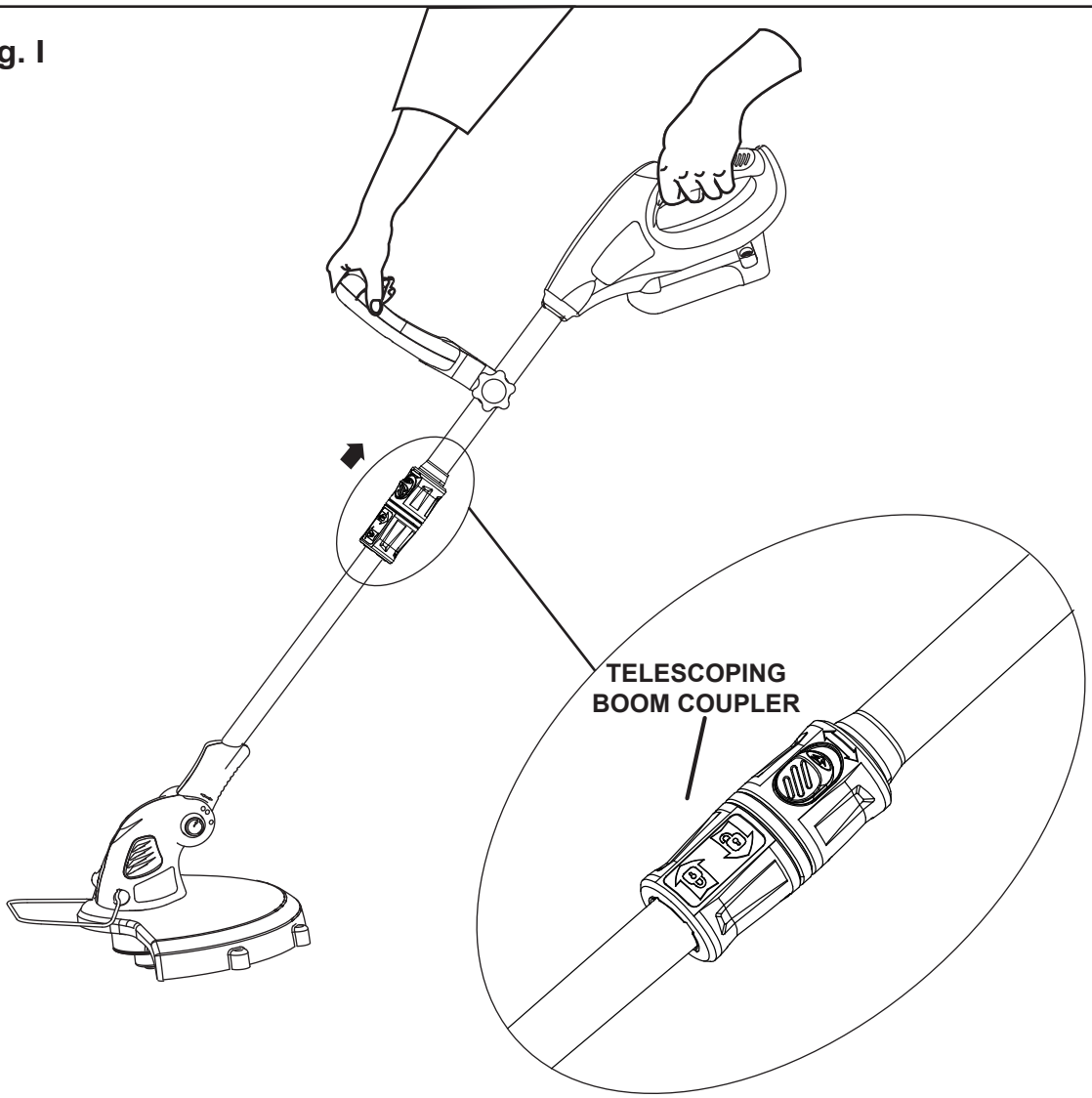
OPERATING INSTRUCTIONS

TELESCOPING BOOM (Fig. I)

The boom can be extended or shortened for ease of use.

1. Unscrew telescoping boom coupler and slide to desired position.
2. Tighten telescoping boom coupler.

Fig. I



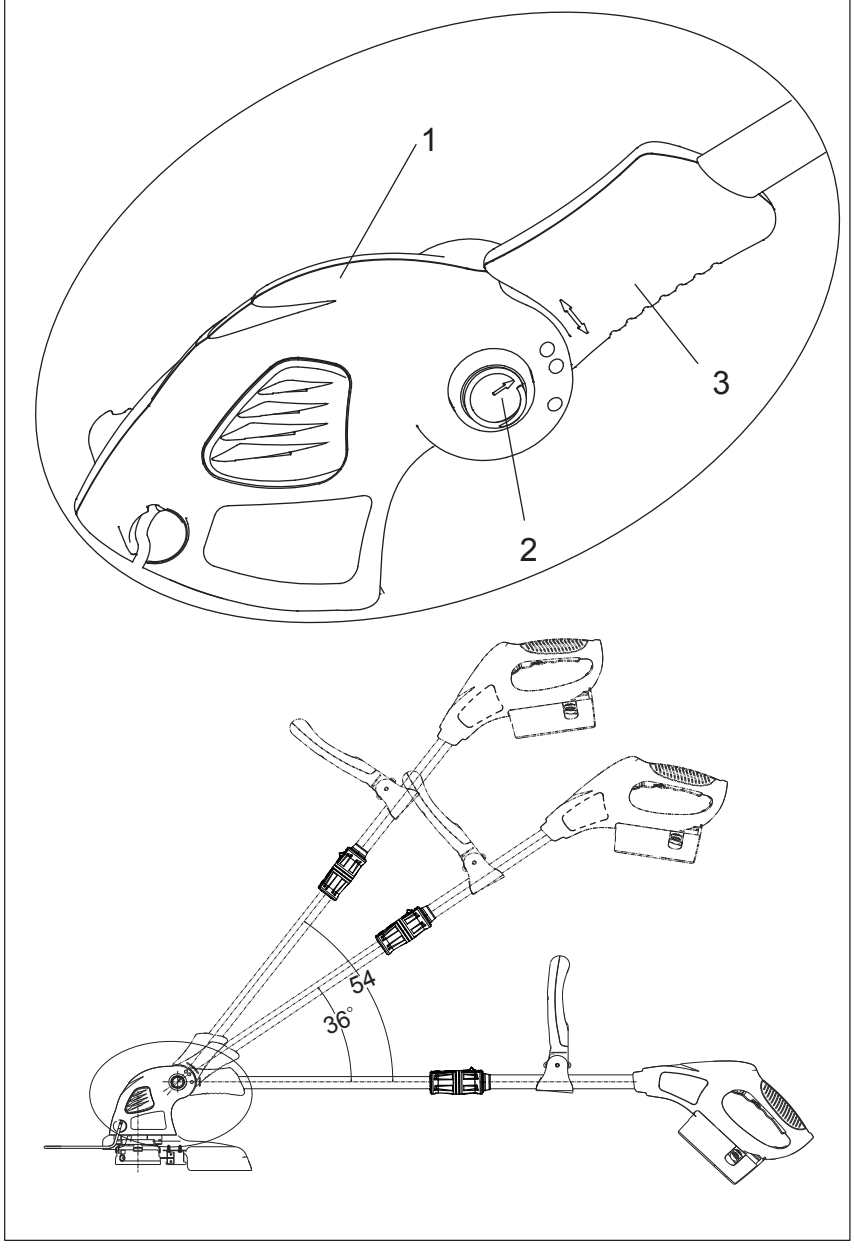
OPERATING INSTRUCTIONS

Adjust the Cutting Angle (Fig. J)

This trimmer is equipped with a pivoting head.

1. Using your left hand, grip the nose (1) of the trimmer and use your thumb to depress the pivoting head adjustment button (2). Using your right hand turn the head to either of the 3 available positions.
2. Now LOCK by releasing the pivoting head adjustment button (2).

Fig. J





OPERATING INSTRUCTIONS

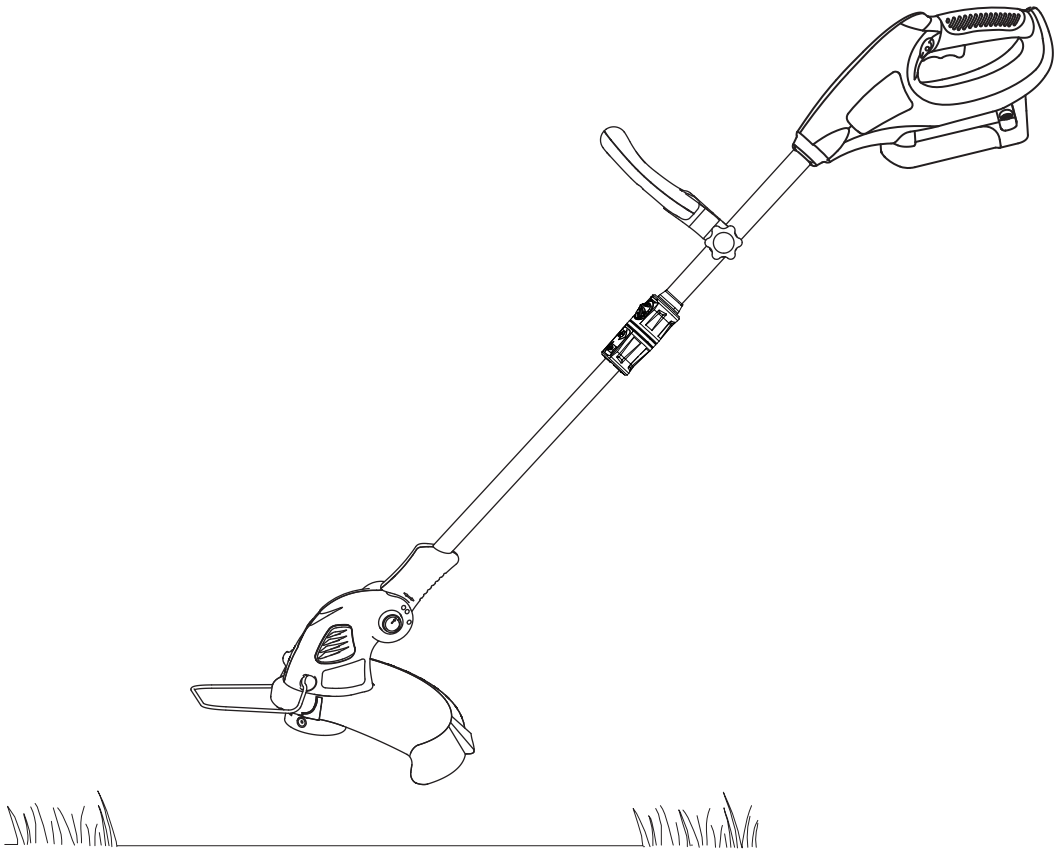
Lengthening the Line (Fig. K)

While the grass trimmer is operating, the cutting line gets worn down and becomes shorter. This trimmer is equipped with Automatic Line Advancement, which automatically feeds additional line to the correct length as it wears down. If the line does not automatically advance, the trimmer line may be tangled or empty.

(To replace the spool, see Page 13)

To advance the line, restart the trimmer, upon starting, the line will automatically advance.

Fig. K



OPERATING INSTRUCTIONS

Trimmer Tips

Before each use

• Make sure the protective guard is tightly installed.Tighten the guard screw.
• Make sure the battery is fully charged and that the charger is disconnected before using or storing the trimmer.
• Do not store the grass trimmer in sunlight, in an excessively warm place, or near a furnace. The battery life will be shortened.
• If the battery must be stored in a warm place, charge it frequently.
• Before trimming, inspect the area for string, wire, branches or other material that may become entangled in the cutting line and thrown.

During use

• Trim only when the grass and weeds are dry.
• Do not trim grass at night. Always make sure you have adequate lighting.
• Hold the grass trimmer by both the switch handle and the auxiliary handle for best control and balance.
• Stand with the cutting head tipped down at an angle in front, guiding the grass trimmer in a semicircular motion around you.
• If possible, guide the grass trimmer to the left to cut.The line will cut as soon as it leaves the guard, and the clippings are thrown away from you.
• To produce a smoothly trimmed area, move the grass trimmer in and out of the area being cut with consistent speed and height.
• Use only the tip of the cutting line to do the trimming, especially near walls and fences. Trimming with the side of the cutting line may overload the motor, wear out the line faster, and break the line more often.
• Do not rest the trimmer spool on the ground while trimming. This will cause spool wear and battery drain.
• If the grass is higher than 6” (15 cm), trim in small stages.
• When the grass trimmer is turned off and the spool stops rotating, the cutting line will relax and may recede. Feed extra cutting line before storing the trimmer to prevent losing the line completely into the spool.
• If the diameter of the cutting area gets smaller, the line is worn down and needs to be advanced more often.
• If the grass trimmer is not cutting correctly, the cutting line may not be feeding properly. Remove and rewind the line spool.

CHARGING PROCEDURE:

With regular use, the battery pack will need 90 MINUTES or less to fully charge. Allow the battery to fully discharge before recharging. It is recommended to charge the battery pack every 3 months when not in use.

1. Plug the charger into an AC power outlet.
2. Insert the battery pack into the charger, the power LED will turn red. Make sure the latch and battery are fully inserted into the charger.
3. Wait 5 seconds, the status LED will turn red, indicating a connection to the power source and that the battery is charging.
4. When the battery has become fully charged, the status LED will turn green. The battery can be stored in the charger, as long as the charger is not plugged in.

NOTE: If the charging LED light flashes red it is advised to remove the battery from the charger for storage.

PROCÉDURE DE CHARGE :

Utilisée régulièrement, la batterie ne requiert que 90 MINUTES ou moins pour se charger complètement. Assurez-vous que la batterie est déchargée complètement avant de la recharger. Il est conseillé de charger la batterie tous les 3 mois lorsqu'elle est inutilisée.

1. Branchez le chargeur dans une prise de courant CA.
2. Insérez la batterie dans le chargeur. Assurez-vous que le dispositif de verrouillage est bien engagé et que la batterie est bien insérée.
3. Apres 5 secondes, la DEL de charge rouge s'allume pour indiquer que la batterie est connectee a la source de courant et qu'elle est en charge.
4. Lorsque la batterie est bien chargée, La lumière tournera VERT La batterie peut demeurer dans le chargeur tant et aussi longtemps que ce dernier est débranché.

NOTE : Si le charger A MENE allume dignote rouge il est conseillé d'enlever la pile du chargeur pour l'emmagasinage.

OPERATING INSTRUCTIONS

Checking the Charge

If the battery pack does not charge properly:

• Check the current at the power outlet with another tool. Make sure that the outlet is not turned off.

Charger Maintenance

• Keep the charger clean and clear of debris. Do not allow foreign material into the recessed cavity or on the contacts. Wipe with a dry cloth. Do not use solvents, water, or place in wet conditions.

• Always unplug the charger when there is no battery pack in it.

• Give the batteries a full charge before placing in storage. Do not recharge a fully charged battery pack. Overcharging shortens the battery life.

• Check that the charger contacts have not been shorted by debris or foreign material.

• If the surrounding air temperature is not normal room temperature, move the charger and battery pack to a location where the temperature is between 65 and 75˚F (18 and 24˚C).

WARNING: If the battery is inserted into the charger when warm or hot, the CHECK BATTERY indicator light may switch on. If this occurs, allow the battery to cool outside of the charger for 30 minutes.

• Recharge the battery pack anytime you notice there is less power.

• Keep the charger stored in normal room temperature. Do not store it in excessive heat. Do not use in direct sunlight. Always recharge in a room temperature of 14 to 113˚F (-10 to 45˚C). If the battery pack is hot, let it cool down before recharging.

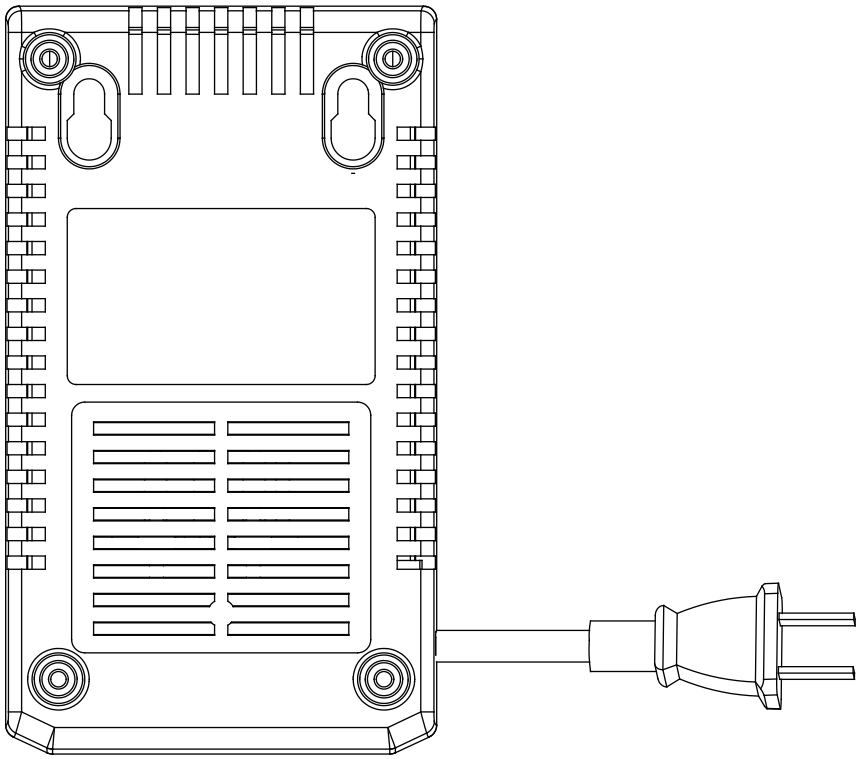
• Disconnect the charger from the AC power outlet when not in use and once battery has reached a full charge.

OPERATING INSTRUCTIONS

Charger mounting (Fig. K)

1. This charger can be installed hanging on a wall using two screws (not supplied).
2. Locate the placement for the charger to be wall mounted.
3. If fastening to wood studs, use 2 wood screws.
4. Drill two holes 2 1/3" (6 cm) on centre, ensuring they are level.
5. If fastening to drywall, use wall anchors and screws to secure the charger to the wall.

Fig. K



Maintenance

⚠WARNING

To avoid risk of fire, electric shock, or electrocution:
- Do not use a damp cloth or detergent on the battery or battery charger
- Always remove the battery pack before cleaning, inspecting, or performing any maintenance on the grass trimmer.

Battery Pack
- Store the battery pack fully charged.
- Recharge the battery pack anytime you notice there is less power. Never let the battery pack become completely discharged.
- Never recharge a battery pack that is already fully charged. Overcharging shortens the battery life.
- Always recharge at a temperature of 14 to 113˚F (-10 to 45˚C). If the battery pack is hot, let it cool down before recharging.
- After charging, the battery pack may be stored in the charger as long as the charger is not plugged in.

Cutting Line
- Replace the cutting line only with nylon monofilament .065" (1.65 mm) line, or with pre-wound replacement spools. (See The Cutting Line).
- Always wind the line in the same direction as the arrow on the spool.

Cleaning

1. Wipe the outside of the grass trimmer with a dry, soft cloth. Do not hose down or wash with water.
2. Scrape the guard and spool area to remove dried clippings and mud.
3. Brush or blow dust, debris, and grass clippings out ofthe air vents. Keep them free of obstruction.

CAUTION !

Do not use strong solvents or detergents on the plastic housing or plastic components. Certain household cleaners may cause damage and may also cause a shock hazard.

Lubrication

No lubrication is needed.

ENVIRONMENTALLY SAFE BATTERY DISPOSAL



The following toxic and corrosive materials are in the batteries used in this grass trimmer battery pack:
Cadmium, a toxic material.

⚠WARNING

All toxic materials must be disposed of in a specified manner to prevent contamination of the environment. Before disposing of damaged or worn out nickel-cadmium battery packs, contact your local waste disposal agency for information and specific instructions. Take the batteries to a local recycling and/or disposal centre, certified for cadmium disposal.

⚠WARNING

If the battery pack cracks or breaks, with or without leaks, do not recharge it and do not use. Dispose of it and replace with a new battery pack. DO NOT ATTEMPT TO REPAIR IT! To avoid injury and risk of fire, explosion, or electric shock, and to avoid damage to the environment:
- Cover the battery's terminals with heavy-duty adhesive tape.
- DO NOT attempt to remove or destroy any of the battery pack components.
- DO NOT attempt to open the battery pack.
- If a leak develops, the released electrolytes are corrosive and toxic. DO NOT get the solution in the eyes or on skin, and do not swallow it.
- DO NOT place these batteries in your regular household trash.
- DO NOT incinerate.
- DO NOT place them where they will become part of any waste landfill or municipal solid waste stream.
- Take them to a certified recycling or disposal centre.

WARRANTY



For TWO YEARS from the date of purchase within Canada, **YARDWORKS® CANADA** will, at its option, repair or replace for the original purchaser, free or charge, any part or parts that are found to be defective in material or workmanship.

- 7-day over-the-counter replacement for initial defects for unused product (RA # required for used product)
- 2-year repair warranty
- 1-year repair warranty on 24V battery

This warranty does not cover:

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration; or
2. The unit, if it has not been operated and/or maintained in accordance with the Owner's Manual; or
3. Normal wear;
4. Routine maintenance items such as lubricants, blade sharpening and 24V battery;
5. Normal deterioration of the exterior finish due to use or exposure.

How to Obtain Service: Warranty service is available by calling the Toll-Free Helpline, at 1-866-523-5218. **YARDWORKS® CANADA** will not accept the return of a complete unit unless prior written permission has been extended by **YARDWORKS® CANADA**.

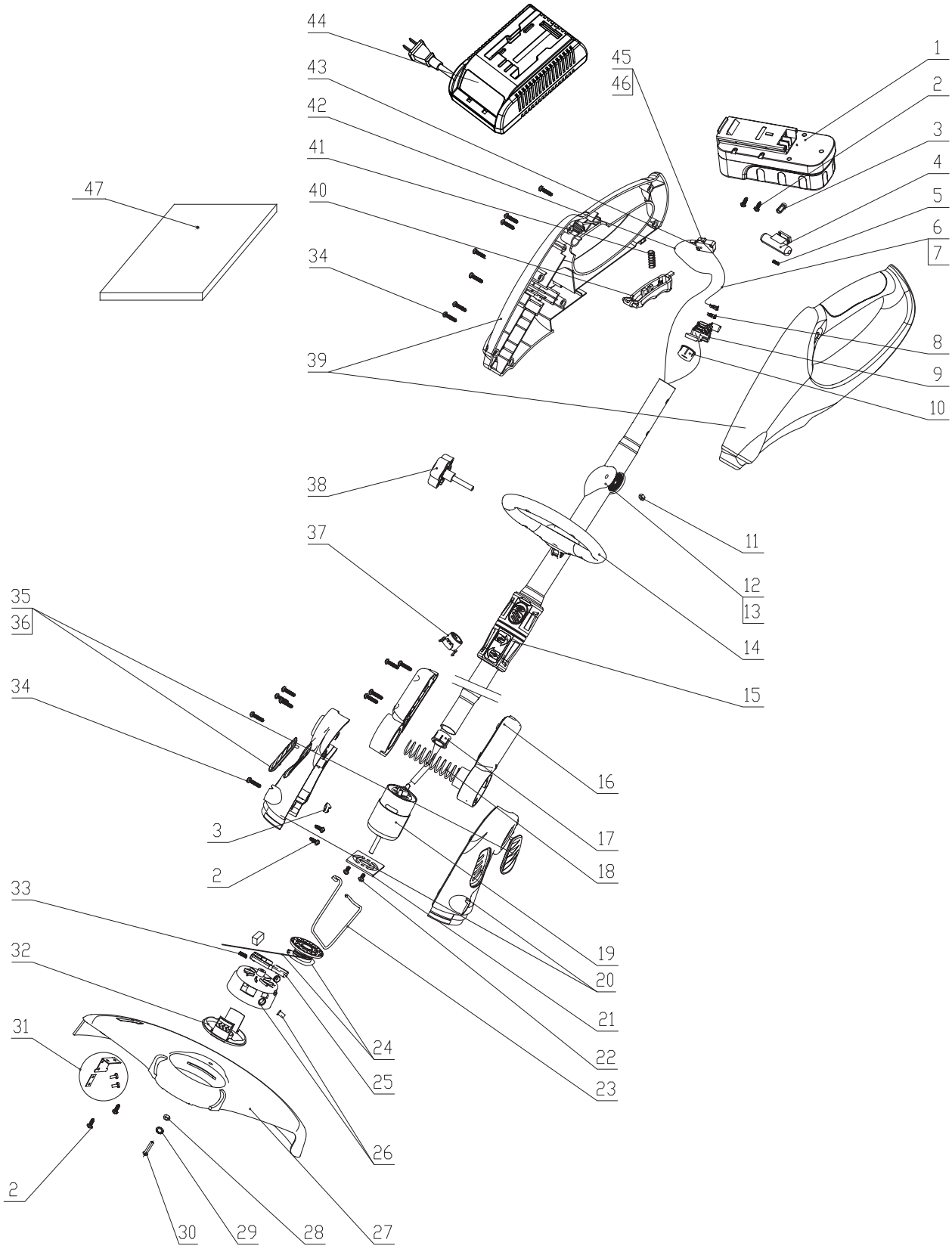
Transportation Charges: Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. The purchaser must pay transportation charges for any part submitted for replacement under this warranty, unless such return is requested, in writing, by **YARDWORKS® CANADA**.

Other Warranties: All other warranties, whether express or implied, including any implied warranty of merchantability, are limited in their duration to that set forth in this express limited warranty. The provisions as set forth in this warranty provide the sole and exclusive remedy of **YARDWORKS® CANADAs'** obligations arising from the sale of its products.

YARDWORKS® CANADA will not be liable for incidental or consequential loss or damage.

Imported by YardWorks Canada, Toronto, Canada M4S 2B8

EXPLODED VIEW



PARTS LIST

Item	No.	Description	Qty	Item	No.	Description	Qty
1	3110377-1	24V battery	1	24	3110382-2	Spool w/ line (60-2267-0)	2
2	3220313	Screw	7	25	3411746	Line advance button	1
3	3410302	Cable clamp	2	26	3110582	Hub assembly	1
4	3411146	Lock off button	1	27	3411213-1	Guard	1
5	3340115	Spring	1	28	3290105	Nut	1
6	3490108	Wire heat shrink	7	29	3290173	Lock washer	1
7	3050111	Cable	1	30	3220313	Machine Screw	1
8	3330246	Female connector	2	31	3110682	Blade assembly	1
9	3410946	Battery socket	1	32	3411546-4	Spool cover	1
10	3410182	Extension tube plug	1	33	3340646	Spring	1
11	3290205	Screw	1	34	3220505	Screw	16
12	34107176	Auxiliary handle clamp	1	35	3410382-1	Left vent	1
13	3420306	Rubber Insert	1	36	3410782-1	Right vent	1
14	3110182-1	Auxiliary handle	1	37	3410282-1	Rotation button	1
15	33301176-3	Extension tube	1	38	3110282-2	Locking knob	1
16	3410482-1	Pivot casing	1	39	31101180	Upper handle casing	1
17	3411105	Extension tube plug	1	40	3411046	Switch trigger	1
18	3340182	Spring	1	41	3340346	Spring	1
19	36101180	24V DC motor	1	42	3690180	Inner wire	1
20	3410582-1	Motor housing	1	43	36103152	Power switch-fits L. Trimmers	1
21	34109181	Motor support	1	44	31101909	18-24V Ni-Cd charger	1
22	3220930	Bolt	2	45	3490301	Pin protector	4
23	3330182	Edging guide	1	46	3650101	Connector	4
				47	3880182-3	Manual	1