

# Radley®

## 20V Max Cordless Pruning chainsaw

OWNER'S MANUAL



3 Year Limited Warranty on tool  
2 Year Limited warranty on battery and charger.



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

\*Maximum initial battery voltage (measured without a workload)  
is 20 volts. Normal voltage is 18 volts.



**WEAR CSA APPROVED  
EYE PROTECTION**



**WEAR EAR  
PROTECTION**



**WEAR A  
FACE MASK**

## PRODUCT SPECIFICATIONS

20V MAX LI-ION CORDLESS PRUNING SAW	
Voltage	20v (No load)
Chain speed	3,200 RPM
Bar length	4" (101mm)
Cutting Capacity	Up to 3" (80mm)
Chain gauge	0.043" (1.1mm)
Weight	2.76Lbs(1.25kg)

BATTERY AND CHARGER	
Battery Voltage:	20V 2.0Ah Max* Li-ion (Maximum charged battery voltage, measured without load, is 20V with a nominal value of 18V)
Charger:	Approximately 1 hour, Class 2
Replacement Battery:	5350-547 (2Ah)
Replacement Charger:	5350-013

CHAIN OIL NOT INCLUDED	
Suggested Spring/Summer oil	8640-627
Suggested Fall/Winter oil	8640-625

## NEED ASSISTANCE?

Call us on our toll- free customer support line:  
1-866-349-8665 (Monday through Friday 9am – 5pm Eastern Standard Time)

- Technical questions
- Replacement parts
- Parts missing from package

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## GENERAL SAFETY WARNINGS







**⚠ WARNING: Not for use on wet materials.**












**⚠ Disconnect the battery before cleaning or changing accessories.**

**⚠ WARNING:** To avoid serious personal injury, do not attempt to use this product until you have read this instruction manual thoroughly and understand it completely. If you do not understand the warnings and instructions in this manual, do not use this product. Call 1-866-349-8665 for assistance. The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and when needed, a full-face shield. We recommend a wide vision safety mask for use over eyeglasses or standard safety glasses with eye shields. Always use eye protection which is marked to comply with ANSI Z87.1 or CSA requirements. Prescription glasses ARE NOT a replacement for proper eye protection.

## SAFETY SYMBOLS

The purpose of safety symbols is to alert you of the potential safety RISKS. Recognize and understand them. Follow the instructions provided.

SYMBOL	MEANING
 <b>DANGER</b>	Failure to obey a DANGER safety alert <b>WILL</b> result in serious personal injury or death to you or to others. Always obey all messages following this symbol to reduce the risk of serious personal injury or death.
 <b>WARNING</b>	Failure to obey a WARNING safety alert <b>MAY</b> result in serious personal injury or death to you or to others. Always obey all messages following this symbol to reduce the risk of potential serious personal injury or death.
 <b>CAUTION</b>	Failure to obey a CAUTION safety alert <b>MAY</b> result in personal injury or property damage to you or to others. Always obey all messages following this symbol to reduce the risk of personal injury or property damage.
<b>CAUTION</b> <b>NOTICE</b>	Failure to obey a NOTICE or a CAUTION (without a safety alert) <b>MAY</b> result in property damage to you or to others. Always obey all messages following this symbol to reduce the risk of property damage.
  	<b>ALWAYS WEAR EYE PROTECTION THAT CONFORMS WITH CSA Z94.3 OR ANSI SAFETY STANDARD Z87.1</b> FLYING DEBRIS can cause permanent eye damage. Prescription eyeglasses ARE NOT a replacement for proper eye protection. The usage of a safety standard compliant face shield placed over proper safety glasses or goggles can reduce the risk of facial injury. <b>NON-COMPLIANT EYEWEAR CAN CAUSE SERIOUS INJURY IF BROKEN DURING THE OPERATION OF A POWER TOOL.</b>

SYMBOL	MEANING
 <b>WARNING</b> 	<b>USE HEARING PROTECTION, PARTICULARLY DURING EXTENDED PERIODS OF OPERATION OF THE TOOL, OR IF THE OPERATION IS NOISY.</b>
 <b>WARNING</b> 	<b>WEAR A DUST MASK THAT IS DESIGNED TO BE USED WHEN OPERATING A POWER TOOL IN A DUSTY ENVIRONMENT.</b>
 <b>WARNING</b>   	<b>ALWAYS WEAR NON-SLIP GLOVES THAT FIT PROPERLY TO PROTECT YOUR HANDS AND TO HELP YOU GRIP THE TOOL.</b> <b>ALWAYS WEAR STURDY CLOTHING WITH LONG SLEEVES AND LONG PANTS. NEVER OPERATE THE TOOL WHILE WEARING SHORTS, SHORT SLEEVE SHIRT OR WHILE SHIRTLESS.</b> <b>ALWAYS WEAR NON-SLIP SAFETY BOOTS TO PREVENT FOOT INJURIES AND SLIPPING THAT COULD CAUSE LOSS OF CONTROL OF THE TOOL.</b>
 <b>WARNING</b> 	<b>TO AVOID ELECTRICAL HAZARDS, FIRE HAZARDS OR DAMAGE TO THE TOOL, USE PROPER CIRCUIT PROTECTION.</b> This tool is wired at the factory for 120 V AC operations. It must be connected to a 120 V AC, 15 A circuit that is protected by a time-delayed fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.
	<b>WARNING:</b> Ventilation openings in batteries and chargers must always be open to allow cooling air to circulate freely. Air vents that are blocked, restricted or covered may result in the battery or charger overheating. Overheating may lead to damage to the tool or cause a fire, resulting in possible serious injury.

## ELECTRIC GARDENING TOOL SAFETY

### 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.**

#### General Electric Gardening Tool Safety Warnings – Work Area Safety

**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 liquids, fumes or dust.

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

#### General Electric Gardening Tool Safety Warnings – Electrical Safety

**Battery charger plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed (grounded) chargers.** Unmodified plugs and matching outlets will reduce risk of electric shock.

**Avoid body contact with earthed or grounded surfaces such as water pipes.** There is an increased risk of electrical shock if your body is earthed or grounded.

**Do not expose power tools, battery chargers or batteries to rain or wet conditions.** Water entering the tool, chargers or batteries will increase the risk of electric shock.

**Do not abuse the cord. Never use the power cord for carrying, pulling or unplugging the charger. Keep the power cord away from heat, oil, sharp edges, and moving parts.** Damaged or entangled cords increase the risk of electric shock.

**When operating the charger outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

**Never operate a power tool in the rain.**

**If operating a charger in a damp location is unavoidable, use a residual current device (RCD) protected supply. An RCD is also known as a ground fault circuit interrupter (GFCI) or earth leakage circuit breaker (ELCB).** Use of an RCD reduces the risk of electric shock.

**General Electric Gardening Tool Safety Warnings – Personal Safety**

**Stay alert, be aware of your surroundings, 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 a power tool may result in serious personal injury.

**Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes or boots, sturdy gloves, durable long pants, long sleeve shirt and hearing protection will reduce the risk of personal injuries.

**Prevent unintentional starting. Ensure the switches are in the off-position before connecting the battery to the power tool or plugging it into the power supply. Never pick up or carry the power tool with your finger on the trigger switch.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

**Remove any adjustment 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, clothing and gloves away from moving parts.** Loose clothing, 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 force the tool. Use the correct tool for the application.** The correct power tool will do the job better and safer when used at the rate for which it was designed.

**Do not use a power tool if the switch does not turn it on or off.** Any power tool that cannot be controlled using the switch is dangerous and must be repaired.

**Remove the battery from the power tool or the plug from the power source before making any adjustments, replacing or repairing parts, cleaning the tool, leaving the tool idle or unattended, transporting or storing the tool.** 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. 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 and accessories 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.

Hold power tools by the insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a “live” wire will make exposed metal parts of the tool “live” and shock the operator.

## **SERVICE**

**Have your power tool or charger serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool or charger is maintained.

## ***SPECIFIC PRUNING SAW SAFETY RULES***

**Keep all parts of the body away from the saw chain when the chainsaw is operating. Before you start the chainsaw, make sure the saw chain is not contacting anything. A moment of inattention while operating chainsaws may cause an entanglement of your clothing or body with the saw chain.**

**Always hold a chainsaw with your right hand on the rear handle and your left hand on the front handle. Holding the chainsaw with a reversed hand configuration increases the risk of personal injury and should never be done.**

**Hold the chainsaw by insulated gripping surfaces only because the saw chain may contact hidden wiring or its own cord. Saw chains contacting a live wire may make exposed metal parts of the chainsaw live and could give the operator a shock.**

**Wear safety glasses and hearing protection. Further protective equipment for head, hands, legs, and feet must be worn. Adequate protective clothing will reduce personal injury by flying debris or accidental contact with the saw chain.**

**Do not operate a chainsaw in a tree. Operation of a chainsaw while up a tree may result in personal injury.**

**Always keep proper footing and operate the chainsaw only when standing on fixed, secure and level surface. Slippery or unstable surfaces such as ladders, may cause a loss of balance or control of the chainsaw.**

**When cutting a limb that is under tension, be alert for spring-back. When the tension in the wood fibers is released the limb under tension may strike the operator and/or throw the chainsaw out of control.**

**Use extreme caution when cutting brush and saplings. The slender material may catch the chainsaw and be whipped toward you or pull you off balance.**

**When transporting or storing the chainsaw always fit the guard bar cover. Proper handling of the chainsaw will reduce the likelihood of accidental contact with the moving saw chain.**

**Always use two hands when operating the chainsaw.**

**Contact of the guide bar tip with any object should be avoided. Tip contact may cause the guide bar to move suddenly upward and backward, which may cause serious injury. Follow instructions for lubricating, chain tensioning and changing accessories. Improperly tensioned or lubricated chain may either break or increase chance for kickback.**

**Keep handles dry, clean, and free from oil and grease. Greasy, oily handles are slippery causing loss of control.**



Cut wood only. Do not use chainsaw for purposes not intended. For example, do not use chainsaw for cutting plastic, masonry, or non-wood building materials. Use of the chainsaw for operations different than intended could result in a hazardous situation.


Wear safety glasses and hearing protection. Further protective equipment for head, hands, legs, and feet is recommended. Adequate protective clothing will reduce personal injury by flying debris or accidental contact with the saw chain.

**Do not start the pruning saw with the chain cover installed on it.** Starting the pruning saw with the chain cover installed on it may cause the chain cover to be thrown off forward resulting in personal injury and damage to objects around the operator.

**Before starting work, check that the pruning saw is in proper working order and that its condition complies with the safety regulations. Check that:**

- The bar and the sprocket cover are fitted correctly.
- The chain has been sharpened and tensioned in accordance with the instructions provided.

## CAUSES AND OPERATOR PREVENTION OF KICKBACK

 **WARNING:** Kickback may occur when the moving chain contacts with an object at the upper portion of the tip of the guide bar or when the wood closes in and pinches the saw chain in the cut. Contact at the upper portion of the tip of the guide bar can cause the chain to dig into the object and stop the chain for an instant. The result is a lightening fast reverse reaction which kicks the guide bar up and back toward the operator. If the saw chain is pinched along the top of the guide bar, the guide bar can be driven rapidly back toward the operator. Either of these reactions can cause loss of saw control which can result in serious injury. Do not rely exclusively upon the safety devices built into the saw. As a chainsaw user, you should take several steps to keep your cutting jobs free from accident or injury.

- Maintain a firm grip, with thumbs and fingers encircling the chainsaw handles, with both hands on the saw and position your body and arm to allow you to resist kickback forces. Kickback forces can be controlled by the operator if proper precautions are taken. Do not let go of the chainsaw.
- Do not overreach and do not cut above shoulder height. This helps prevent unintended tip contact and enables better control of the chainsaw in unexpected situations.
- Only use replacement bars and chains specified by the manufacturer. Incorrect replacement bars and chains may cause breakage and/or kickback.
- Follow the sharpening and maintenance instructions for the saw chain. Decreasing depth gauge height can lead to increased kickback.
- With a basic understanding of kickback, you can reduce or eliminate the element of surprise. Sudden surprise contributes to accidents.

## VIBRATION AND NOISE REDUCTION

To reduce the influence of vibration and noise, limit working hours and wear personal protective equipment. Observe the following points to minimize vibration and noise exposure:

1. Use the tool only in accordance with its design and instructions.
2. Ensure that the product is in good condition and well maintained
3. Use the correct accessories and ensure that they are in good condition.
4. Hold the tool firmly but not tightly by the handles provided.
5. Maintain the product according to these instructions and keep it lubricated.

## BATTERY & CHARGER SAFETY



**WARNING:** Only use the diagnostic charger supplied with this kit to charge the 20V Li-ion battery. Charging any other batteries may damage the charger and possibly cause serious injury.


### 1. FOR BATTERY PACK

- a) Before using the battery pack, read all instructions and cautionary markings on battery and product using battery pack.
- b) If operating time has become excessively shorter, stop operating immediately to avoid the risk of overheating and possible burns.
- c) Do not short the battery pack:
  - 1) Do not touch the terminals with any conductive material.
  - 2) Avoid storing battery pack in a humid environment.
  - 3) Do not expose the battery pack to water or rain. A short circuit of the battery can cause a large current flow, overheating, possible burns and even a breakdown.
- d) Do not store the tool and battery pack in locations where the temperature may exceed 105° F (40.5° C).
- e) Do not incinerate the battery pack even if it is severely damaged or is completely worn out. The battery pack can explode in a fire.
- f) Be careful not to drop or strike the battery.
- g) Do not use a damaged battery.

### 2.FOR CHARGER

- a) Before charging, study the instruction manual carefully.
- b) Before charging the battery, connect the power cord into the power supply first and then connect the battery pack with the charger.  
Once the battery is fully charged, disconnect the power supply after removing the battery pack from the charger.
- c) This device is for indoor use only. Do not expose the charger to rain, snow, or other extreme climate conditions. Do not use power tools in damp or wet locations.
- d) Correct use: chargers are to be used exclusively for charging 20V Radley Rechargeable Battery Packs. Any other application may result in risk of fire, electric shock, or electrocution. The user bears sole responsibility for any damage caused by inappropriate use.
- e) The charger is specifically designed to charge 20V Max Radley Battery Packs. Do not attempt to charge any other battery with this charger.
- f) To reduce risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting charger.
- g) Make sure cord is appropriately located so that it will not be stepped on, tripped over, or otherwise subject to damage or stress.

- h) Do not operate charger with damaged cord or plug. Please replace immediately.
- i) Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.
- j) Do not disassemble charger, please contact toll free service at 1-866-349-8665. Incorrect reassembly may result in a risk of electric shock or fire.
- m) To reduce risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning.
- n) Charging must only be performed when the battery pack temperature is between 41° F / 5° C and 105° F / 40.5° C.
- o) The charger is designed to operate on standard household electrical power. Do not attempt to use it on any other voltage.
- p) Unplug the charger immediately if there is any sign of smoke or flame.
- q) Do not drill into the housing of the charger or battery pack.
- r) Keep the charger away from children.

 **WARNING:** The parts inside the charger are live and can create a shock. Do not stick anything in the battery charger terminal slots.

### 3. SAFETY PRECAUTION WHEN USING CHARGER AND BATTERY

- a) Do not charge battery when temperature is below 40° F / 5° C or above 105° F / 40.5° C. The most suitable temperature for charging is that of 68-77° F / 20-25° C.
- b) Do not insert objects into the hole reserved for the battery in the charger.
- c) Never short circuit the battery. Short circuiting the battery will severely damage the battery and could cause a fire or explosion.
- d) This appliance is not intended for use by persons, including children, or those 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 of their safety.
- e) Children should be supervised to ensure that they do not play with the tool.
- f) Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
- g) If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the food chain, damaging your health and well-being.
- h) If the cord is damaged, it must be replaced by the manufacturer or similarly qualified persons to avoid a hazard.

### 4. DISPOSAL OF THE EXHAUSTED BATTERY

For safety and to preserve natural resources, please recycle or dispose of properly. This product contains Lithium-ion. Battery must be disposed of properly. Local, provincial, or federal laws may prohibit disposal of Lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/ or disposal options.

### 5. PREPARATION FOR RECYCLING OF BATTERY PACK

Do not attempt to destroy or disassemble the battery pack or any of its components. Do not touch terminals with metal objects as short-circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/ or serious injury.

## 6. TIPS FOR MAINTAINING MAXIMUM BATTERY LIFE

- a) Charge the battery pack before completely discharged. Always stop tool operation and charge the battery pack when you notice a decrease in tool power.
- b) Charge the battery pack between 41-105° F (5-40.5° C). Let a hot battery pack cool down before charging it.
- c) Charge the battery pack once every 6 months if you do not use it for a long period of time. Li-ion battery is known to self-discharge over time.
- d) Never attempt to open the battery for any reason. If the housing of the battery breaks or cracks, immediately discontinue use and do not recharge.
- e) A small leakage from the battery may occur under extreme usage, charging or temperature conditions. This does not indicate a failure. However, if the outer seal is broken and this leakage gets on your skin, follow these steps:
  - 1. Wash immediately with soap and water.
  - 2. Neutralize with a mild acid such as lemon juice or vinegar.
  - 3. If liquid gets into your eyes, flush immediately with clean water for a minimum of 10 minutes and seek medical attention.

**NOTE:** The battery liquid is slightly acidic.

Do not incinerate the battery. It can explode in a fire.

Do not use an extension cord. Plug the charger cord directly into an electrical outlet.

Use the charger only in a standard 120V, 60 Hz electrical outlet.

Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Have a qualified technician examine the charger and repair it if necessary. Do not disassemble the charger.

Do NOT charge the batteries when the work area or the battery temperature is at or below 5° C (41° F) or above 40.5° C (105° F).

Unplug the charger when not in use and before cleaning or maintenance.

## **BATTERY PACK RECYCLING**














**To preserve our natural resources, please recycle or dispose of batteries properly.**

The batteries charged by this charger may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites as they will add to the pollution of the environment.

## SAFETY SYMBOLS

**⚠ WARNING:** Some of the following symbols may appear on the cordless pruningsaw. Study these symbols and learn their meaning. Proper interpretation of these symbols will allow for more efficient and safer operation of this tool.

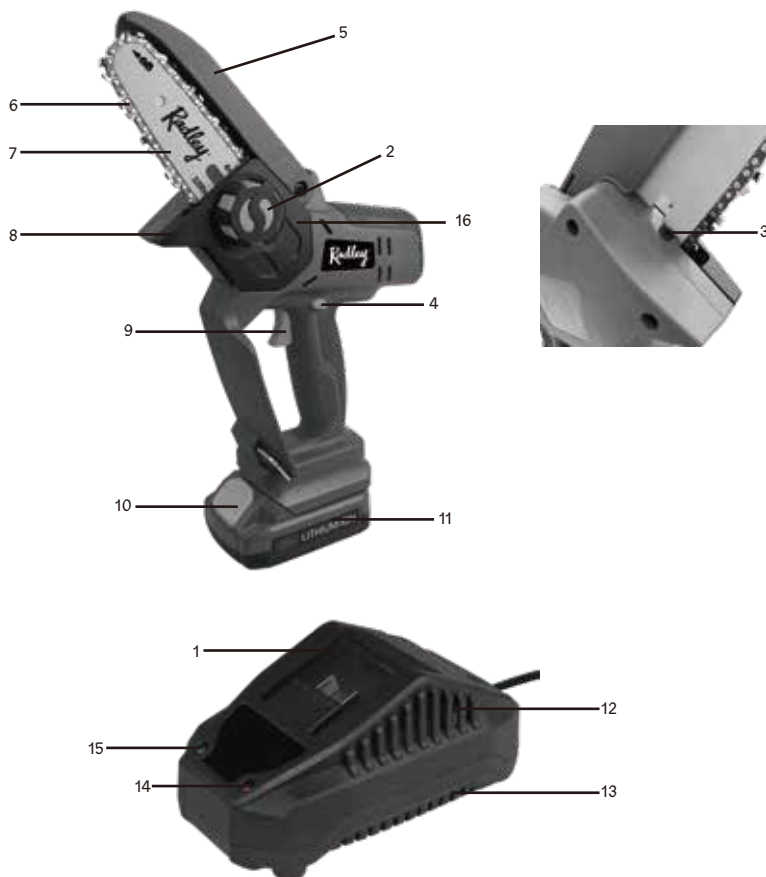
	Read the user manual before using the machine.		Warning! Danger! Note!
	Whenever the tool is in use, safety goggles must be worn to safeguard against flying objects. Ear protectors, such as a soundproof helmet must be worn to protect the operator's hearing. If the operator is working in an area where there is a risk of falling objects, a safety helmet must also be worn.		Do not expose to rain.
			Wear safety boots to protect against electric shock.
			Wear gloves to protect your hands.
			ATTENTION! Do not throw the battery into the household waste.
	Li-Ion Battery.		Do not expose the battery to strong sunlight for long periods of time and do not place it on radiators (max. 122 °F / 50 °C).
	Protection temperature limitation.		The charger is suitable for indoor use only.



This symbol designates that this tool is listed with Canadian and U.S. requirements by cSGSus Testing Laboratories, Inc.  
UL 62841-1; CAN/CSA-C22.2 No. 62841-1-15

## KNOW YOUR 20V MAX CORDLESS PRUNING SAW

- |                               |                                 |
|-------------------------------|---------------------------------|
| 1. Battery Charger            | 9. ON/OFF Trigger Switch        |
| 2. Bar retention knob         | 10. Battery pack release button |
| 3. Chain tensioning screw     | 11. Battery pack                |
| 4. Safety lock-out button     | 12. Air Vents                   |
| 5. Bar and chain safety guard | 13. Air Vents                   |
| 6. Saw chain                  | 14. Red LED                     |
| 7. Guide bar                  | 15. Green LED                   |
| 8. Bumper                     | 16. Sprocket cover              |



## ASSEMBLY AND OPERATION

The pruning saw is intended for cutting only wood and branches up to a diameter of 3.15 inches ( 8cm).

### CHECKING THE BATTERY CHARGER STATUS

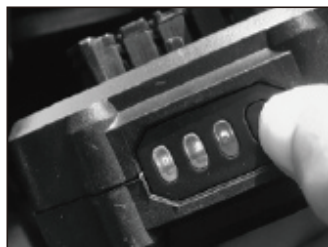
The level of charge remaining in the battery can be checked by using the battery LED power indicator that is contained on the end of the battery.

**NOTE:** The battery charge remaining may be checked while the battery is installed in the tool with the ON/OFF switch turned OFF. It may also be checked while the battery is removed from the tool. DO NOT check the battery charge remaining while the battery is in the charger. You will get a false reading and you may also damage the battery status system.

1. Press and hold the battery status button located on the end of the battery.
2. One or more of the Three LED lights in the LED window will come ON to indicate the amount of charge that is remaining in the battery as follows:

1 light (Red light ON)	2 lights (Red and orange light ON)	3 lights (Red/Orange/Green ON)
1/3 or less	1/3 - 2/3	2/3 - Fully charged

3. Release the battery status button to turn the LED's OFF.



### CHARGING THE BATTERY PACK

1. Place the battery charger (1) in a dry location near a 120V 60 Hz electrical outlet (Fig.1).
2. Plug the battery charger into the outlet and make sure the green LED indicator light (5) comes ON. If it does not, refer to the chart (Fig.2) to identify the problem.
3. Turn the battery (2) upside down and slide it onto the charge.

**NOTE:** Make sure the grooves (3) in the sides of the battery slide over the matching tabs on the charger (4) until the battery latch “clicks” into place.

## NOTES:

1. When the charger is plugged into the wall receptacle and NO battery is on the charger, the green indicator light (5) will turn ON indicating the charger is “live”.
2. When a discharged battery is installed on the charger, the green indicator light will turn OFF and the red indicator light (6) will turn ON. The red indicator light indicates the battery is being charged.
3. If the red indicator light does not come ON, check to make sure battery pack is slid fully onto the charger and the electrical outlet is working properly.
4. See Fig. 2 below for other indicator light functions.
5. A discharged battery pack should be fully charged in 60 minutes.
6. It is normal for the battery charger to hum and be warm to the touch during operation.
7. If the battery pack does not charge properly, check to make sure the electrical outlet is “live”.
8. Do NOT charge batteries when the work area or the battery temperature is at or below 41°F/5°C or above 105°F / 40.5° C.

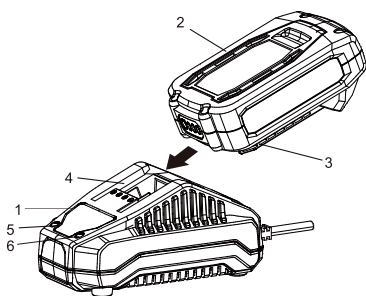


Fig. 1

GREEN LIGHT	RED LIGHT	BATTERY INSERTED INTO CHARGER	CHARGING STATUS
ON	OFF	NO	Charger connected to power supply
OFF	ON	YES	Battery being charged
ON	OFF	YES	Battery fully charged
OFF	ON	YES	Battery is charged but not operational on tool. This may indicate defective / bad contact on battery or charging conditions are either too hot or too cold.

Fig. 2

## INSTALLING A BATTERY IN THE PRUNING PRUNING SAW

1. Remove the battery (1) from the driver by pressing downward on the battery release button (2) and sliding the battery backward until it is removed from the driver handle (3) (Fig.3).
2. Slide the fully charged battery onto the matching keys (4) in the driver andle where the discharged battery has been removed.

**NOTE:** Make sure the slots in the battery are fully engaged with the mounting keys in the handle. The battery release button will “click” into place when the battery is fully installed.





**⚠ WARNING:** Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

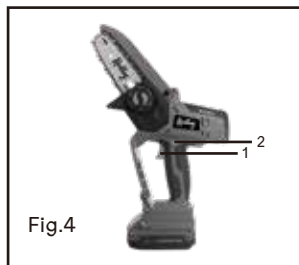
## OPERATING THE TRIGGER AND SAFETY LOCK-OUT

The saw chain is equipped with both a lock-off and trigger switch. To turn the saw chain ON:

1. Press the lock-off switch (2) (Fig.4) .
2. While continuing to press the lock-off switch, squeeze the trigger switch (1).
3. When the saw starts, release the lock-off switch while continuing to squeeze the trigger. The saw chain will continue to run.

To turn the saw OFF, release the trigger switch.

**NOTE:** To restart the saw, press the lock-off switch and squeeze the trigger switch.



### Checking the chain brake

Run the chain saw then release the switch trigger completely. The saw chain must come to a standstill within one second.

**⚠ WARNING:** Hold the chain saw firmly when running the tool to check the brake. The bar and the chain must not be in contact with any object

**⚠ WARNING:** If the saw chain does not stop within one second during this test, stop using the chain saw and consult Customer Service.

## REMOVING OR INSTALLING SAW CHAIN

**⚠ WARNING:** Cutting edges on chain are sharp. Always use protective gloves when handling the chain.

**⚠ WARNING:** The saw chain and the guide bar are still hot just after the operation. Let them cool down enough before carrying out any work on the tool.

**⚠ WARNING:** Carry out the procedure of installing or removing saw chain in a clean place free from sawdust and the like.

To remove the saw chain, perform the following steps:

1. Remove the battery
2. Release the trigger (1).
3. Rotate the knob on the chain plate counterclockwise, and then loosen the saw chain(2) (Fig.5).

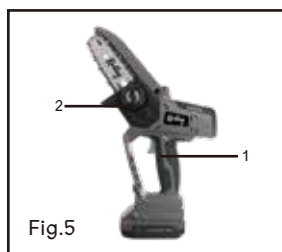


Fig.5

4. Remove the sprocket cover then remove the saw chain and guide bar from the chain saw body (Fig.6-7).

To install the saw chain, perform the following steps:

- (1) Check the direction of the saw chain. Match the direction of the saw chain with that of the mark on the chain saw body.
- (2) Fit one end of the saw chain on the top of the guide bar.
- (3) Fit the other end of the saw chain around the sprocket, then attach the guide bar to the chain saw body, aligning the hole on the guide bar with the pin on the chain saw body.

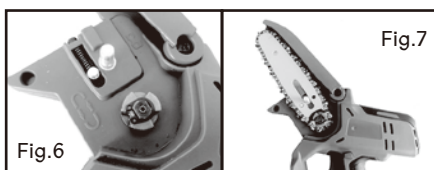


Fig.6

Fig.7

5. Insert the protrusion on the sprocket cover to the chain saw body, and then close the cover so that the bolt and pins on the chain saw body meet their counterparts on the cover (Fig.8).

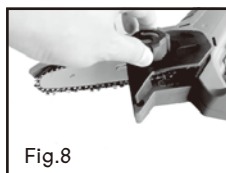


Fig.8

- (1) Tighten the knob to secure the sprocket cover, and then loosen it slightly for tension adjustment. **Do not fully tighten the bar retaining knob until the chain tension has been adjusted.**

## ADJUSTING SAW CHAIN TENSION

**⚠ WARNING:** The saw chain is not yet tensioned.

**NOTE:** New saw chains will stretch. Check the chain tension frequently when first used and tighten when the chain becomes loose around the guide bar.

**⚠ WARNING:** Maintain proper chain tension always.

A loose chain will increase the risk of kickback. A loose chain may jump out of guide bar groove. This may injure the operator and damage the chain. A loose chain will cause chain, bar, and sprocket to wear rapidly.

**Do not tighten the saw chain too much.** Excessively high tension of saw chain may cause breakage of saw chain, wear of the guide bar and breakage of the adjusting dial.

**For safety and to reduce wear, chain tension needs to be verified and adjusted regularly or after 10 minutes of continued use, to compensate for changes in wear and temperature.**

- (1) Place the pruning saw on any suitable flat surface.
- (2) Loosen the bar retaining knob a bit to loosen the sprocket cover slightly.
- (3) Lift-up the guide bar tip slightly and adjust the chain tension. Turn the adjusting screw clockwise to tighten, turn it counterclockwise to loosen. Tighten the saw chain until the lower side of the saw chain fits in the guide bar rail as illustrated (Fig.9), or until the chain can be lifted off the guide bar and the driveline is within the rail of the guide bar.

**NOTE:** The chain should rotate freely and be free of kinks.



## LUBRICATING THE CHAIN

**NOTE:** Chain life and cutting capacity depend on optimum lubrication. Therefore, the chain should be oiled before operation.

**⚠ IMPORTANT :** It is important to use bar and chain lubricant that is formulated to perform over a wide temperature range with no dilution required. Do not use dirty, used or otherwise contaminated oil. Damage may occur to the bar or chain.

1. Switch off the pruning saw and remove the battery.
2. Place the pruning saw on a level surface with the sprocket cover facing up.
3. Clean the Guide Bar and saw chain with a soft brush or solvent.
4. Apply multifunctional oil in area between the guide bar and saw chain.
5. The frequency of lubrication is dependent on the frequency of use. Initially, if adequate oil has been applied to the saw chain, the oil will splatter on the wood that is being cut.

## WORKING WITH THE CORDLESS PRUNING SAW

**⚠ WARNING:** The first time user should, as a minimum practice, do cutting logs on a sawhorse or cradle.

**⚠ WARNING:** Secure round pieces against rotation.

**⚠ WARNING:** Keep all parts of the body away from the saw chain when the motor is operating.

**⚠ WARNING:** Hold the pruning saw firmly when the motor is running.

**⚠ WARNING:** Do not overreach. Always keep proper footing and balance.

**NOTE:** Never toss or drop the tool.

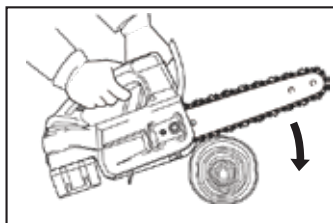
**NOTE:** Do not cover the vents of the tool.

## PRUNING TREES

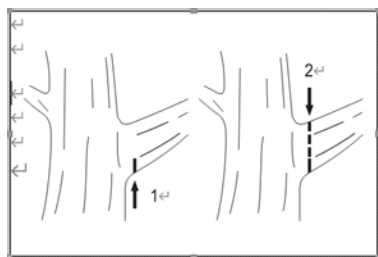
Bring the pruning saw body into contact with the branch to be cut before switching on. Otherwise, it may cause the guide bar to wobble, resulting in injury to operator. Saw the wood to be cut by just moving it down by using the weight of the pruning saw.

If you cannot cut the timber right through with a single stroke:

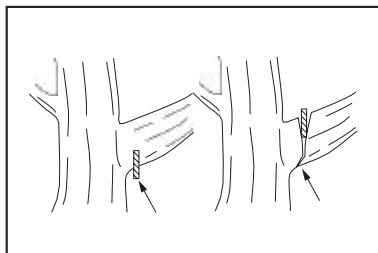
Apply light pressure to the handle and continue sawing and draw the pruning saw back a little.



When cutting thick branches, first make a shallow undercut and then make the finish cut from the top.

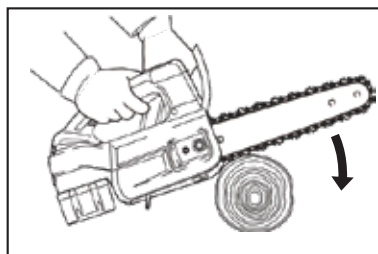


If you try to cut off thick branches from the bottom, the branch may close in and pinch the saw chain in the cut. If you try to cut off thick branches from the top without a shallow undercut, the branch may splinter.



## BUCKING

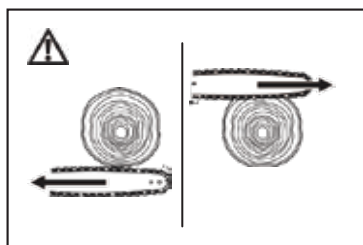
1. Rest the chain saw body on the wood to be cut.



- (1) With the saw chain running, saw into the wood.
- (2) Apply light pressure to the top of the machine, continue cutting, and loosen the saw slightly.


**NOTE:** When making several cuts, switch the chain saw off between cuts.

**⚠ WARNING:** If the upper edge of the bar is used for cutting, the pruning saw may be deflected in your direction if the chain becomes trapped. For this reason, cut with the lower edge, so that the saw will be deflected away from your body.





## ***MAINTENANCE***

### **GENERAL**

 **WARNING:** When servicing this tool, use only identical replacement parts. The use of any other part may create a hazard or cause product damage.

DO NOT use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease etc.


 **WARNING:** Do not allow brake fluids, gasoline, petroleum-based fluids, gasoline, petroleum-based products, penetrating oils, etc. to come into contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.

 **DO NOT** abuse power tools. Abuse practices can damage the tool and the workplace. **WARNING:** DO NOT attempt to modify tools or create accessories. Any such alteration or modification is misuse and could result in hazardous condition leading to possible serious injury. It will also void the warranty.

### **LUBRICATION**

All the bearings in this tool are lubricated with sufficient amount of high-grade lubricant for the life of the unit under normal conditions. Therefore, no further lubrication is required.

### **Cleaning and storage**

- a) Keep the handles oil-free to ensure a secure grip.
  - b) If necessary, clean the appliance with a damp cloth and, if necessary, with a mild detergent.
  - c) Remove the battery from the tool before storing or cleaning.
-  Before each cleaning, switch off the device and pull out the battery. Never immerse the device in water or other liquids for cleaning. Keep the chainsaw in a safe and dry place and out of the reach of children.

## LITHIUM-ION BATTERY PERFORMANCE

Lithium-ion batteries perform best and deliver peak output power at room temperature (20 °C or 68 °F). When operated in lower temperatures, the battery output will be reduced and it will NOT function below -20 °C (14 °F). The output power will increase as the heat generated by the battery during use increases the internal temperature of the battery. The result is increased power as the tool is used.

## LITHIUM-ION BATTERY MAINTENANCE

Lithium-ion batteries do not have a “memory” and do not require to be completely discharged periodically. It is recommended that you charge your Lithium-ion batteries after each use so they will be fully charged when needed.

**NOTE:** A fully charged battery will lose about 2% of its charge per month during storage.

## BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

To preserve our natural resources, please recycle or dispose of batteries properly.

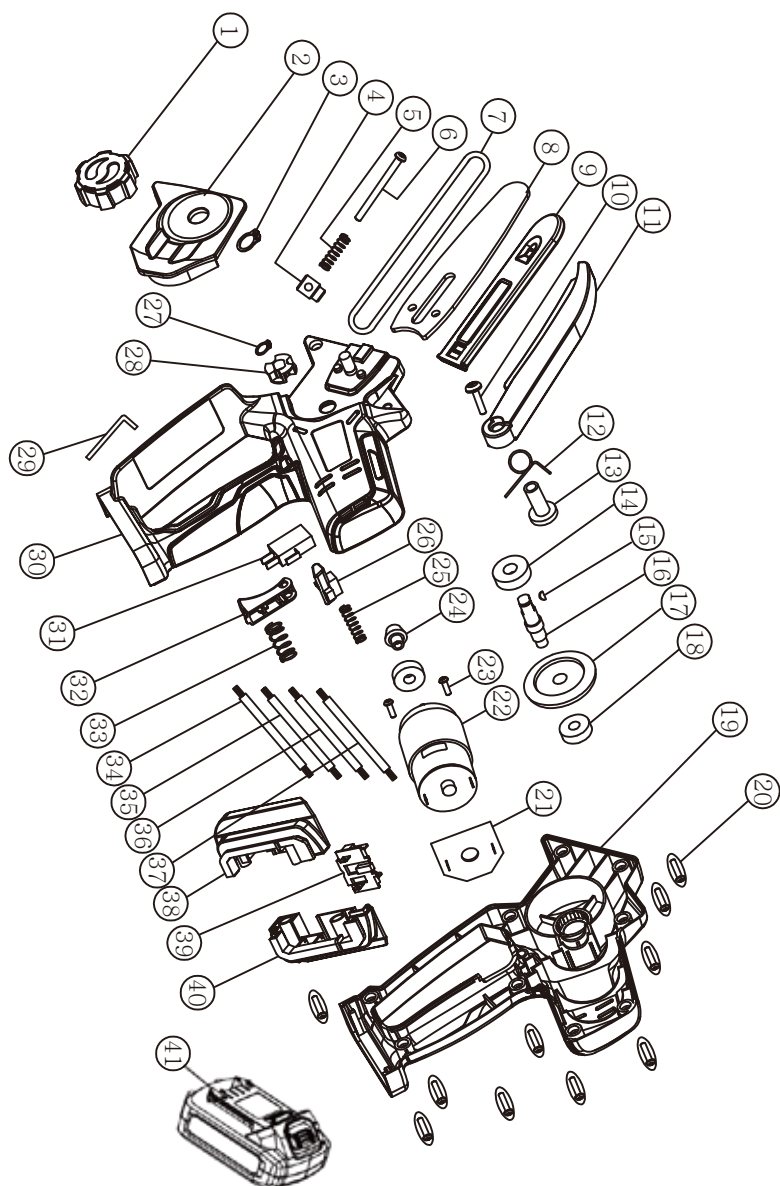
The batteries supplied with this tool may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites because they will add to the pollution of the environment.

Consult your local waste authority for information regarding available recycling and disposal options.

**⚠ WARNING:** If the battery pack has been removed from the tool, cover the terminals of the battery pack with electrical tape or heavy-duty adhesive tape. Never touch both terminals with metal objects or body parts, because a short circuit may result. Keep away from children. Do not attempt to destroy or disassemble battery pack or remove any of its components. Rechargeable batteries must be recycled or disposed of properly. Failure to comply with these warnings could result in fire and serious injury.

**⚠ WARNING:** When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the tool. Any attempt to repair or replace electrical parts on this tool may create a safety hazard unless repairs are performed by a qualified technician. For more information, call the Toll-free helpline at 1-866-349-8665. Always order by part number, not by key number.

# EXPLODED VIEW





***PARTS LIST*****WARNING:** When servicing, use only original equipment replacement parts.

The use of any other parts may create a safety hazard or cause damage to the saw

Any attempt to repair or replace electrical parts on this impact driver may

For more information, call the Toll-free Helpline, at 1-866-349-8665;

Monday - Friday: 9am to 5pm Eastern Standard Time.

Always order by part number.

Key #	Part #	Part Name	Quantity
1	3121930101058001	knob	1
2	3121930101069001	chain plate gland	1
3	33CC0140101	jump ring	1
4	3221930101138001	pin	1
5	3221930201060001	spring	1
6	33SACDC004300101	hexagon socket screw	1
7	3200140101006001	chain	1
8	3200140101007001	guide plate	1
9	3121930101023001	chain plate sheath	1
10	33SPAQA005250101	screw	1
11	3121930101053001	preventer plate	1
12	3221930101060001	torsional spring	1
13	3221930101023001	bush	1
14	33DB600002011	bearing	1
15	3341010101077001	woodruff key	1
16	3221930101020001	output shaft	1
17	3221930201052001	rack wheel	1
18	33DB608002011	bearing	2
19	3121930101002001	right casing	1
20	33SBAQA004160101	screw	10
21	3421930101053001	fender	1
22	3421930101004001	motor	1
23	33SBAQM004080101	Two set screw	1
24	3221930101052001	pinion	1
25	3222510101060001	spring	1
26	3121930201058001	switch the side button	1

Key #	Part #	Part Name	Quantity
27	33CC0100101	jump ring	1
28	3221930101155001	sprocket	1
29	3221930101098001	socket head wrench	1
30	3121930101001001	left casing	1
31	3422910101032001	microswitch	1
32	3121930101157001	switch the trigger	1
33	3221930301060001	spring	1
34	3421930101027001	In terminal 1	1
35	3421930201027001	In terminal 2	1
36	3421930301027001	In terminal 3	1
37	3421930401027001	In terminal 4	1
38	3121810101039001	Battery pack with bracket	1
39	3100810101049001	Insert a	1
40	3121810201039001	battery pack under bracket	1
41	1290090047	battery	1

## ***WARRANTY***

### **CORDLESS PRUNING SAW WARRANTY**

If this Radley tool fails due to a defect in material or workmanship within three years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange. Two years for battery and charger. This warranty does not include expendable parts including but not limited to blades, brushes, belts and light bulbs.

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 Radley product is used for commercial or rental purposes, this warranty does not apply.

# 20V Max Cordless Pruning chainsaw

## OWNER'S MANUAL



3 Year Limited Warranty on tool

**Radley®**

**RADLEY TOOLS**  
ST. JACOBS, ONTARIO N0B 2N0  
© 2021 Home Hardware Stores Limited  
**1-866-349-8665**  
Customer Service/Tech Support

**5240-051**

Made in China

**3 Year  
warranty**

This Radley® product carries a three (3) year LIMITED warranty against defects in workmanship and materials. See Owner's Manual for full details.



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

Maximum initial battery voltage (measured without a load) is 20 volts. Nominal voltage is 18 volts.



**WEAR CSA APPROVED  
EYE PROTECTION**



**WEAR EAR  
PROTECTION**



**WEAR FACE  
PROTECTION**