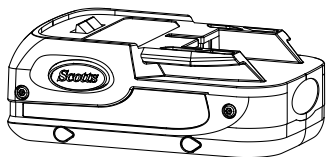




## OPERATOR'S MANUAL

20-Volt Lithium-Ion Battery Pack.....	2
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## S12020 SERIES 20 VOLT LITHIUM-ION BATTERY PACK

Use this battery pack for Scotts® 20 V cordless products only. Refer to the Operator's Manual provided with product. Always mention the model number above when communicating with us regarding this battery pack.

### SAFETY RULES

#### **WARNING!**

##### **READ AND UNDERSTAND ALL INSTRUCTIONS.**

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

- **Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not place battery tools or their batteries near fire or heat.** This will reduce the risk of explosion and possibly injury.
- **Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow.** A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- **Batteries can explode in the presence of a source of ignition, such as a pilot light.** To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- **Do not charge battery tool in a damp or wet location.** Following this rule will reduce the risk of electric shock.
- **Charge only with Scotts® 20 V Lithium Ion battery chargers.** Use of other chargers may result in personal injury, fire, or damage.
- **Do not charge in an area of extreme heat or cold. It will work best at normal room temperature.** To reduce the risk of serious personal injury, do not store outside or in vehicles.
- **Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.** Following this rule will reduce the risk of serious personal injury.

- **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.
- **Always remove battery pack from your tool when not charging, and when assembling parts, making adjustments, cleaning, or when not in use.** Removing battery pack will prevent accidental starting that could cause serious personal injury.
- **Always remove battery pack before storing the device.**
- **Always wear eye protection with side shields marked to comply with ANSI Z87.1.** Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.
- **Keep battery pack dry, clean, and free from oil and grease.** Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any solvents to clean battery pack.
- **Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also to prevent misuse of the product and possible injury.

### CALIFORNIA PROPOSITION 65

#### **WARNING:**

This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects and other reproductive harm. ***Wash hands after handling.***

### OPERATION

#### LITHIUM-ION BATTERY PACKS

Lithium-ion batteries deliver fade free power for their entire run time. Lithium-ion tools will not gradually lose power due to decreasing battery charge. Instead, power from the battery pack will drop from full to zero once the full charge has been drained from the battery. Once this happens, recharging of the battery is required. It is not necessary to drain the battery pack completely before recharging.

#### BATTERY PROTECTION FEATURES

Lithium-ion battery packs are designed with features that protect the lithium-ion cells and maximize battery life.

If the tool stops during use, release the trigger to reset and resume operation. If the tool still does not work, the battery needs to be recharged.

#### COLD WEATHER OPERATION

The lithium-ion battery pack can be used in temperatures down to -4°F. Put the battery pack on a tool and use the tool in a light duty application. After about a minute, the pack will warm up and begin operating normally.

## BATTERY FUEL GAUGE

Scotts® outdoor products feature a battery fuel gauge located on the tool. When the tool is activated, the fuel gauge will display the amount of charge left in a connected battery.

## CHARGING THE BATTERY PACK

Battery packs are shipped in a low charge condition to prevent possible problems. Therefore, you should charge prior to first use. If the charger does not charge the battery pack under normal circumstances, return both the battery pack and charger to your nearest Authorized Service Center for electrical check.

- Charge the battery pack only with the recommended charger.
- Refer to charger operator's manual for charging instructions.

## CHARGING A HOT BATTERY PACK

When using a tool continuously, the battery pack may become hot. A hot battery pack may be placed directly onto the charger port but charging will not begin until the battery temperature cools to within acceptable temperature range. When a hot battery pack is placed on the charger, the charger may indicate the pack is not ready to charge. Please refer to charger operator's manual. When the battery pack cools, the charger will automatically begin charging.

## CHARGING A COLD BATTERY PACK

A cold battery pack may be placed directly onto the charger port but charging will not begin until the battery temperature warms to within acceptable temperature range. When a cold battery pack is placed on the charger, the charger may indicate the pack is not ready to charge. Please refer to charger operator's manual. When the battery pack warms, the charger will automatically begin charging.

# MAINTENANCE

## BATTERIES

These batteries have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. Do not disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

### For battery pack storage longer than 30 days:

- Store the battery pack where the temperature is below 80°F and away from moisture.
- Store battery packs in a 30%-50% charged condition.
- Every six months of storage, charge the pack as normal.

## BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

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



This product contains lithium-ion batteries. Local, state 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.



### WARNING!

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Lithium-ion batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

# SAVE THESE INSTRUCTIONS

*This product has a three-year limited warranty.  
For warranty details go to [www.scotts.com](http://www.scotts.com).*

Scotts® is a registered trademark of OMS Investments, Inc., and is used under license.

## OWT INDUSTRIES, INC.

P.O. Box 35, Highway 8  
Pickens, SC 29671 USA  
1-877-243-2774  
[www.scotts.com](http://www.scotts.com)



# OPERATOR'S MANUAL MANUEL D'UTILISATION MANUAL DEL OPERADOR

## S200

### 20 Volt Lithium-Ion Battery Charger

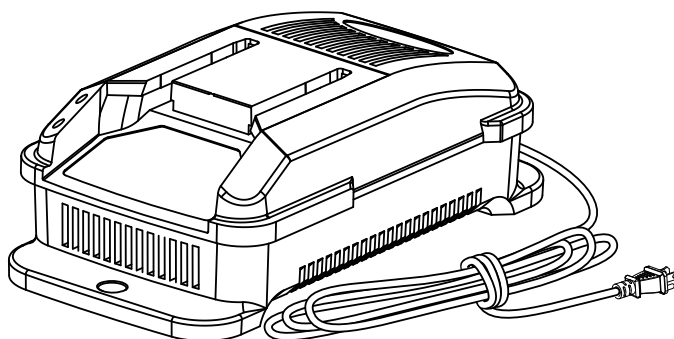
### Chargeur de batterie au lithium-ion 20 V

### Cargador de baterías de iones de litio de 20 V

**ACCEPTS ALL SCOTTS®  
20 V BATTERY PACKS**

**COMPATIBLE AVEC TOUTES LE BLOC-PILES  
SCOTTS® DE 20 V**

**ACEPTA TODAS LOS PAQUETES  
DE BATERÍAS SCOTTS® DE 20 V**



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**⚠ WARNING:** To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

**SAVE THIS MANUAL FOR  
FUTURE REFERENCE**

#### TABLE DES MATIÈRES

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■ Règles de sécurité concernant le chargeur .....	2
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**⚠ AVERTISSEMENT :** Pour réduire les risques de blessures, l'utilisateur doit lire et veiller à bien comprendre le manuel d'utilisation avant d'employer ce produit.

**CONSERVER CE MANUEL  
POUR FUTURE RÉFÉRENCE**

#### ÍNDICE DE CONTENIDO

\*\*\*\*\*

■ Reglas de seguridad para el empleo del cargador.....	2
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**⚠ ADVERTENCIA:** Para reducir el riesgo de lesiones, el usuario debe leer y comprender el manual del operador antes de usar este producto.

**GUARDE ESTE MANUAL  
PARA FUTURAS CONSULTAS**

# SAFETY RULES FOR CHARGER



## WARNING!

### READ AND UNDERSTAND ALL INSTRUCTIONS.

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

- **Before using charger**, read all instructions and cautionary markings in this manual, on charger, battery, and product using battery to prevent misuse of the products and possible injury or damage.



## WARNING:

Charge only one lithium-ion rechargeable battery at a time. Other types of batteries may burst, causing personal injury, fire, or damage. For compatible battery packs see tool/appliance/battery pack/charger correlation supplement 990000811.

- **Do not use charger outdoors or expose to wet or damp conditions.** Water entering charger will increase the risk of electric shock.
- **Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not abuse cord or charger.** Never use the cord to carry the charger. Do not pull the charger cord rather than the plug when disconnecting from receptacle. Damage to the cord or charger could occur and create an electric shock hazard. Replace damaged cords immediately.
- **Make sure cord is located so that it will not be stepped on, tripped over, come in contact with sharp edges or moving parts or otherwise subjected to damage or stress.** This will reduce the risk of accidental falls, which could cause injury, and damage to the cord, which could result in electric shock.
- **Keep cord and charger away from heat to prevent damage to housing or internal parts.**
- **Do not let gasoline, oils, petroleum-based products, etc. come in contact with plastic parts.** They contain chemicals that can damage, weaken, or destroy plastic.

- **Always wear eye protection with side shields marked to comply with ANSI Z87.1.** Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

- **An extension cord should not be used unless absolutely necessary.** Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:

- a. That pins on plug of extension cord are the same number, size and shape as those of plug on charger.
- b. That extension cord is properly wired and in good electrical condition; and
- c. That wire size is large enough for AC ampere rating of charger as specified below:

Cord Length (Feet)	25'	50'	100'
Cord Size (AWG)	16	16	16

**NOTE: AWG = American Wire Gauge**

- **Do not operate charger with a damaged cord or plug**, which could cause shorting and electric shock. If damaged, have the charger replaced by an authorized serviceman.
- **Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.** Take it to an authorized serviceman for electrical check to determine if the charger is in good working order.
- **Do not disassemble charger.** Take it to an authorized serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- **Unplug charger from outlet before attempting any maintenance or cleaning to reduce the risk of electric shock.**
- **Disconnect charger from the power supply when not in use.** This will reduce the risk of electric shock or damage to the charger if metal items should fall into the opening. It also will help prevent damage to the charger during a power surge.
- **Risk of electric shock.** Do not touch un-insulated portion of output connector or un-insulated battery terminal.
- **Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also to prevent misuse of the product and possible injury.

## IMPORTANT SAFETY INSTRUCTIONS




### 1. SAVE THESE INSTRUCTIONS - DANGER: TO REDUCE RISK OF FIRE OR ELECTRIC SHOCK CAREFULLY FOLLOW THESE INSTRUCTIONS.

This manual contains important safety and operating instructions for battery charger S200.





2. **Before using battery charger**, read all instructions and cautionary markings on battery charger, battery, and product using battery.
3. **NOTICE:** To reduce the risk of injury, charge only nickel-cadmium or lithium-ion rechargeable batteries. Other types of batteries may burst, causing personal injury or damage.

# SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	<b>DANGER:</b>	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	<b>WARNING:</b>	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	<b>CAUTION:</b>	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	<b>NOTICE:</b>	(Without Safety Alert Symbol) Indicates important information not related to an injury hazard, such as a situation that may result in property damage.

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

SYMBOL	NAME	DESIGNATION/EXPLANATION
	Safety Alert	Indicates a potential personal injury hazard.
	Read Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Eye Protection	Always wear eye protection with side shields marked to comply with ANSI Z87.1.
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
V	Volts	Voltage
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
~	Alternating Current	Type of current
≡	Direct Current	Type or a characteristic of current

## CALIFORNIA PROPOSITION 65



### WARNING:

This product may contain chemicals, including lead, known to the State of California to cause cancer, birth defects or other reproductive harm. ***Wash hands after handling.***



# ASSEMBLY

## **WARNING:**

Do not use this product if it is not completely assembled or if any parts appear to be missing or damaged. Use of a product that is not properly and completely assembled or with damaged or missing parts could result in serious personal injury.

## **WARNING:**

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

- If any parts are damaged or missing, please call 1-877-243-2774 for assistance.

# OPERATION

## **WARNING:**

Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

## **WARNING:**

Always wear eye protection with side shields marked to comply with ANSI Z87.1. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

## APPLICATIONS

You may use this product for the following purpose:

- Charging Scotts® 20 V Li-Ion battery packs

## **NOTICE:**

If at any point during the charging process none of the LEDs are lit, remove the battery pack from the charger to avoid damaging the product. DO NOT insert another battery. Return the charger and battery to your nearest authorized service center for service or replacement.

## **NOTICE:**

Charge in a well-ventilated area. Do not block charger vents. Keep them clear to allow proper ventilation.

## ENERGY SAVE MODE

The charger will enter Energy Save Mode when not charging or when maintaining batteries. This allows the charger to conserve energy by charging batteries only as needed, and also protects the cells and maximizes the life of your batteries.

## CHARGING

*See Figures 1 - 2, page 7.*

Battery packs are shipped in a low charge condition to prevent possible problems. Therefore, you should charge them before first use. If the charger does not charge your battery pack under normal circumstances, return both the battery pack and charger to your nearest repair center for electrical check.

Battery pack will be charged in approximately 45 minutes.

- Make sure the power supply is normal household voltage, **120 volts, AC only, 60 Hz.**
- Connect the charger to a power supply.
- Attach the battery pack to the charger by aligning the raised ribs on the battery pack with the grooves in the charger, then slide the battery pack onto the charger.
- Ensure contacts on the battery pack engage properly with contacts in the charger.
- Do not place the charger in an area of extreme heat or cold. It will work best at normal room temperature.
- The battery pack may become slightly warm to the touch while charging. This is normal and does not indicate a problem.
- When the battery pack is charged, the green LED will remain on, indicating the charger is in Maintenance Mode.
- After completing Maintenance Mode, the green LED will begin fading on/off continuously. This indicates the battery is charged and the charger is in Energy Save Mode.
- Charger will periodically wake from Energy Save Mode to ensure the battery pack remains in a fully charged state.
- To remove the battery pack from the charger, pull up on the battery pack.

# OPERATION

## WALL-MOUNTED CHARGING STATION

See Figure 3, page 7.

The charger can be mounted on the wall, which allows you to recharge the battery pack while it is still installed in the tool.

- Charger should be mounted on a wall stud using the screws provided.
- Position the charger close enough to an outlet so an extension cord is not required. Wrap any excess cord remaining after plugging in the charger around the charger body.
- Make sure to mount the charger high enough to prevent unauthorized activation of the tool during charging.
- With the battery installed and the tool turned off, place the tool in the charger by aligning the raised ribs on the tool housing with the grooves in the charger as shown.
- Slide the tool down until it is fully seated on the charger.








## CHARGING A HOT BATTERY PACK

When using a tool continuously, the battery pack may become hot. A hot battery pack may be placed directly onto the charger port but charging will not begin until the battery temperature cools to within acceptable temperature range. When a hot battery pack is placed on the charger, the red LED will begin flashing and the green LED will be off. When the battery pack cools, the charger will automatically begin charging.

## CHARGING A COLD BATTERY PACK

A cold battery pack may be placed directly onto the charger port but charging will not begin until the battery temperature warms to within acceptable temperature range. When a cold battery pack is placed on the charger, the red LED will begin flashing and the green LED will be off. When the battery pack warms, the charger will automatically begin charging.

## LED FUNCTION OF CHARGER

MODE	BATTERY PACK	RED LED	GREEN LED	ACTION
<b>Power</b>	Without battery pack	 ON	OFF	Ready to charge battery pack.
<b>Testing</b>	Hot battery pack	 Flashing	OFF	When battery pack reaches cooled temperature, charger begins charge mode.
	Cold battery pack			When battery pack reaches warmed temperature, charger begins charge mode.
	Deeply discharged			Charger pre-charges battery until normal voltage is reached, then begins charge mode.
<b>Defective</b>	Defective	 Fading	OFF	Battery pack or charger is defective.
<ul style="list-style-type: none"> <li>• If defective, try to repeat the conditions a second time by removing and reinstalling the battery pack. If the LED status repeats a second time, try charging a different battery.</li> <li>• If a different battery charges normally, dispose of the defective pack (see <i>Maintenance</i> section).</li> <li>• If a different battery also indicates “Defective,” the charger may be defective.</li> </ul>				
<b>Charging</b>	Charging	 ON	 Flashing	Battery is being charged.
<b>Charged</b>	Battery is charged	OFF	 ON	Battery is charged; charger is in Maintenance Mode.
<b>Energy Save Mode</b>	Battery full / Energy Save mode	OFF	 Fading	Battery is charged and charger is in Energy Save mode.



## MAINTENANCE



### **WARNING:**

When servicing use only identical replacement parts. Use of any other parts can create a hazard or cause product damage.



### **WARNING:**

To avoid serious personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.



### **WARNING:**

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which can result in serious personal injury.

### **STORAGE**

Always remove the battery pack before storing the charger or any time the charger is unplugged.

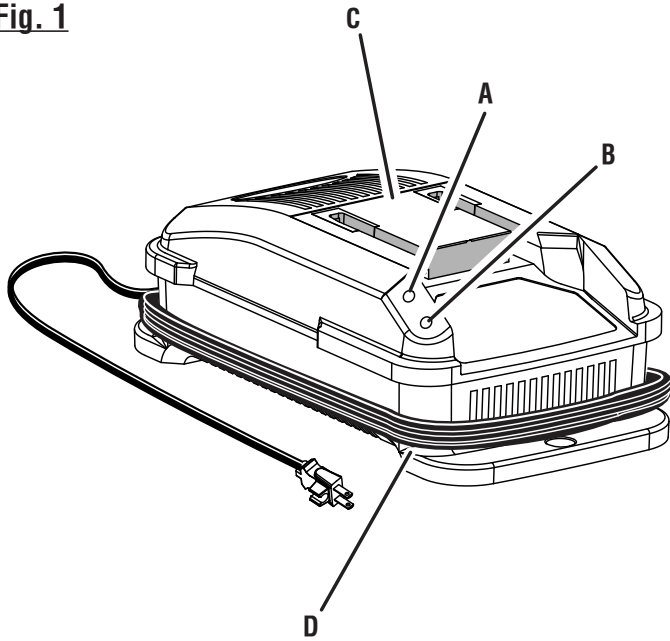
### **GENERAL MAINTENANCE**

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

**This product has a Three-Year Limited Warranty.  
Warranty details are available at [www.scotts.com](http://www.scotts.com)**

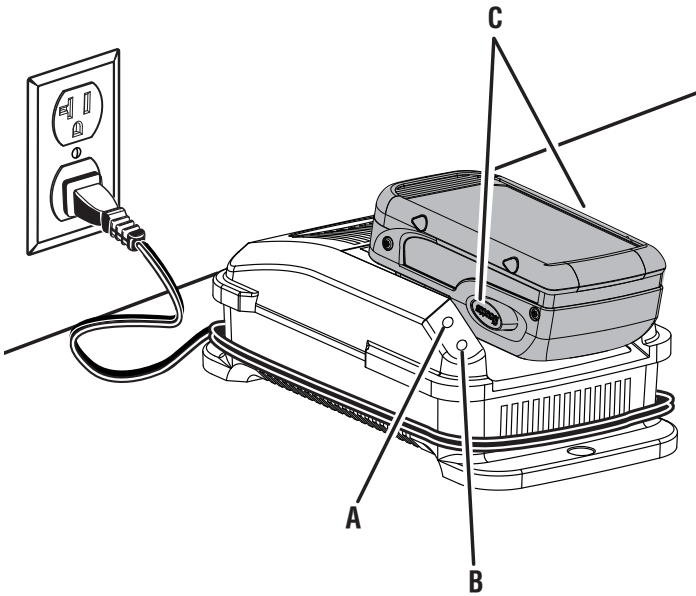
**NOTE: FIGURES (ILLUSTRATIONS) START ON PAGE 7  
AFTER FRENCH AND SPANISH LANGUAGE SECTIONS**

**Fig. 1**



- A - Red LED (témoin rouge, indicador de rojo)  
B - Green LED (témoin vert, indicador de verde)  
C - Battery port (port de pile, port de batería)  
D - Cord wrap (rembobineur, soporte para enrollar el cordón)

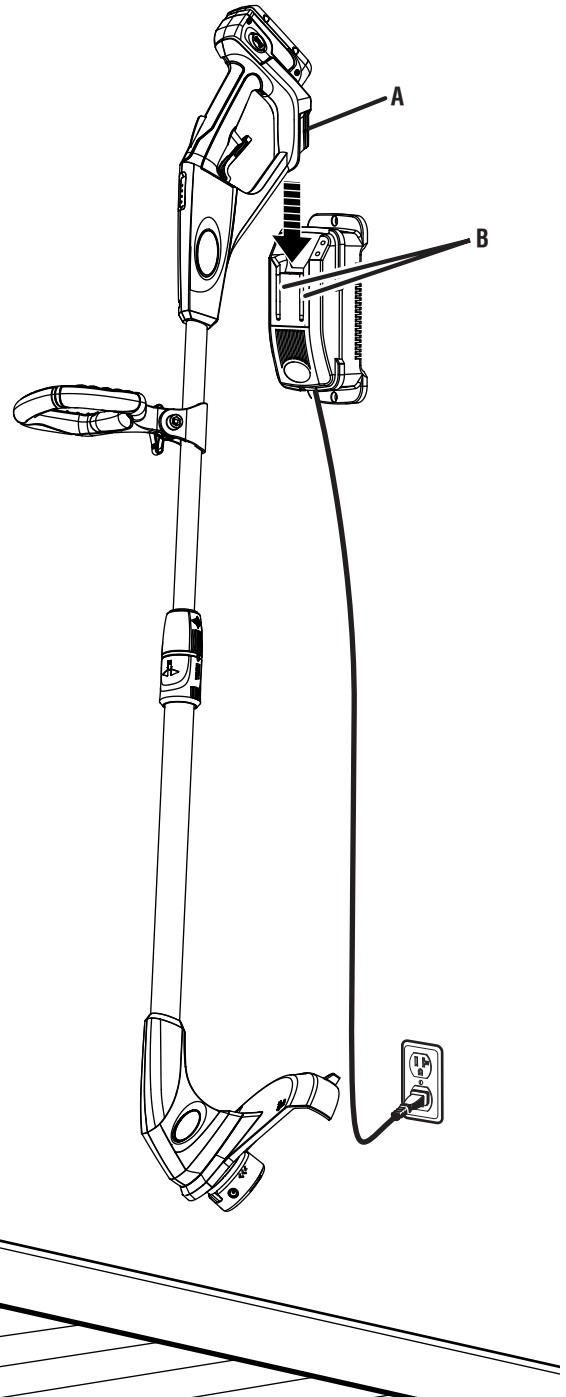
**Fig. 2**



- A - Red LED (témoin rouge, indicador de rojo)  
B - Green LED (témoin vert, indicador de verde)  
C - Depress latches to remove battery pack (enfoncer les attaches pour retirer le bloc-pile, para extraer el paquete de baterías oprima los pestillos)

**Fig. 3**

**CHARGER SHOWN WITH S20200 STRING TRIMMER/EDGER**  
**CHARGEUR ILLUSTRÉ AVEC UN TAILLE-BORDURES/COUPE-**  
**BORDURES À FIL S20200**  
**SE MUESTRA EL CARGADOR CON RECORTADORA DE HILO/**  
**BORDEADORA S20200**



- A - Raised ribs on tool (nervures élevées sur l'outil, costillas realzadas en la herramienta)  
B - Charger grooves (rainures du chargeur, ranuras del cargador)



## OPERATOR'S MANUAL

MANUEL D'UTILISATION / MANUAL DEL OPERADOR

### 20 Volt Lithium-Ion Battery Charger

Chargeur de batterie au lithium-ion 20 V

Cargador de baterías de iones de litio de 20 V

S200

#### PARTS AND SERVICE

Prior to requesting service or purchasing replacement parts, please obtain your model and serial number from the product data plate and record in the spaces below.

Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_

##### To obtain replacement parts:

Replacement parts can be purchased online at [www.scotts.com](http://www.scotts.com) or by calling 1-877-243-2774. Replacement parts can also be obtained at one of our Authorized Service Centers.

##### To locate an authorized service center:

Authorized Service Centers can be located online at [www.scotts.com](http://www.scotts.com) or by calling 1-877-243-2774.

##### To obtain customer or technical support:

To obtain Customer or Technical Support please contact us at 1-877-243-2774.



#### PIÈCES ET SERVICE

Avant de faire la demande de service ou l'achat de pièces de remplacement, veuillez obtenir le numéro de série du modèle à partir de la plaque de données du produit et écrivez en dans les espaces ci-dessous.

Numéro de modèle \_\_\_\_\_ Numéro de série \_\_\_\_\_

##### Pour obtenir les pièces de remplacement :

Les pièces de remplacement peuvent être achetées en ligne sur le site [www.scotts.com](http://www.scotts.com) ou par téléphone au 1-877-243-2774. Les pièces de remplacement peuvent être obtenues à un de nos centres de service autorisés.

##### Pour trouver un centre de service autorisé :

Les centres de service autorisés peuvent être localisés en ligne au [www.scotts.com](http://www.scotts.com) ou en téléphonant au 1-877-243-2774.

##### Pour obtenir de l'aide en contactant le service à la clientèle :

Pour contacter le service à la clientèle pour une question technique ou pour tout autre renseignement, veuillez nous téléphoner au 1-877-243-2774.



#### PIEZAS DE REPUESTO Y SERVICIO

Antes de solicitar servicio técnico o comprar piezas de repuesto, obtenga su modelo y número de serie de la placa de datos del producto y escriba en los espacios suministrados a continuación.

Número de modelo \_\_\_\_\_ Número de serie \_\_\_\_\_

##### Para obtener piezas de repuesto:

Las piezas de repuesto se pueden comprar en nuestro sitio en la red mundial, en la dirección [www.scotts.com](http://www.scotts.com) o llamando al 1-877-243-2774. Las piezas de repuesto también se pueden obtener en uno de nuestros Centros de Servicio Autorizados.

##### Para localizar un centro de servicio autorizado:

Puede encontrar los Centros de Servicio Autorizados visitando nuestro sitio en la red mundial, en la dirección [www.scotts.com](http://www.scotts.com) o llamando al 1-877-243-2774.

##### Para obtener servicio o asistencia técnica al consumidor:

Para obtener Servicio o Asistencia Técnica al Consumidor, sírvase comunicarse con nosotros llamando al 1-877-243-2774.

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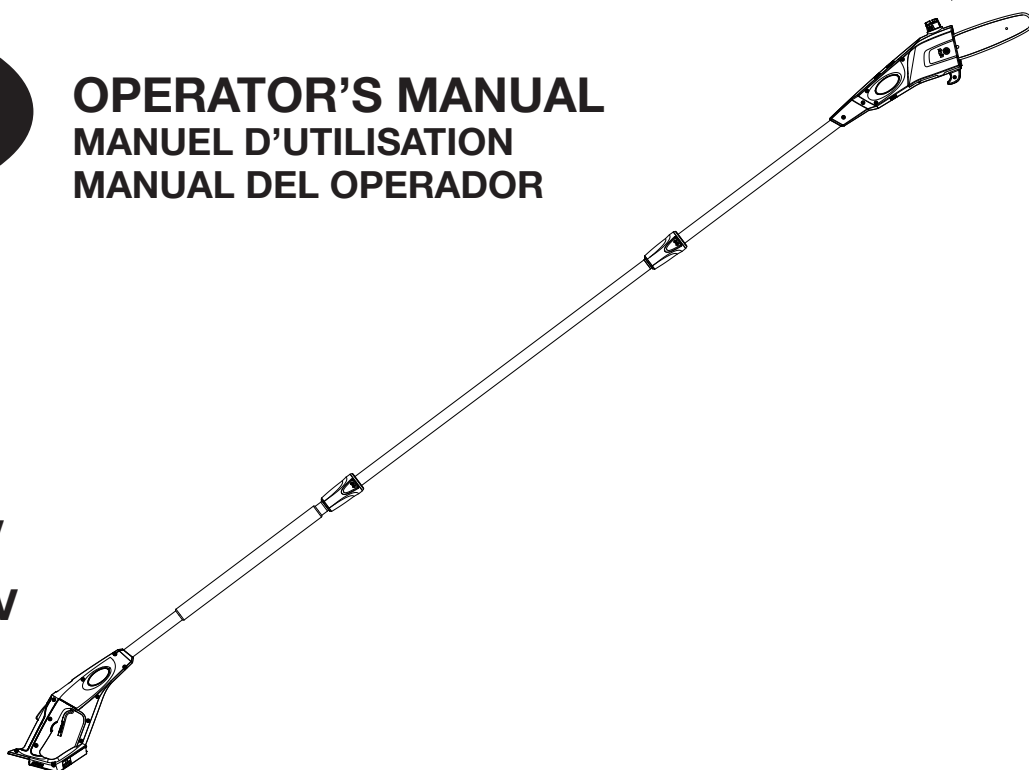
# OPERATOR'S MANUAL MANUEL D'UTILISATION MANUAL DEL OPERADOR

## S20505

### 20 Volt Pole Saw

### Scie de manche 20 V

### Sierra de pértiga 20 V



**ACCEPTS ALL SCOTTS® 20V BATTERY PACKS  
BATTERIES AND CHARGERS SOLD SEPARATELY**

**COMPATIBLE AVEC TOUTES LE BLOC-PILES SCOTTS® DE 20 V  
PILE ET CHARGEUR VENDUS SÉPARÉMENT**

**ACEPTA TODAS LOS PAQUETES DE BATERÍAS SCOTTS® DE 20 V  
LAS BATERÍAS Y EL CARGADOR SE VENDEN POR SEPARADO**

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**⚠ WARNING:** To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

**SAVE THIS MANUAL FOR  
FUTURE REFERENCE**

**⚠ AVERTISSEMENT :** Pour réduire les risques de blessures, l'utilisateur doit lire et veiller à bien comprendre le manuel d'utilisation avant d'employer ce produit.

**CONSERVER CE MANUEL  
POUR FUTURE RÉFÉRENCE**

**⚠ ADVERTENCIA:** Para reducir el riesgo de lesiones, el usuario debe leer y comprender el manual del operador antes de usar este producto.

**GUARDE ESTE MANUAL  
PARA FUTURAS CONSULTAS**

# GENERAL POWER TOOL SAFETY WARNINGS

## **WARNING:**

**Read and understand all instructions.** Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

## **READ ALL INSTRUCTIONS**

- For safe operation, read and understand all instructions before using this product. Be familiar with all controls and proper use of the machine. Follow all safety instructions. Failure to follow all safety instructions listed below, can result in serious personal injury.
- Do not allow children or untrained individuals to use this unit.
- Thoroughly inspect the area where the equipment is to be used and remove all foreign objects.
- Wear eye protection with side shields, which is marked to comply with ANSI Z87.1, along with head protection when operating this equipment.
- Dress Properly — Wear heavy long pants, long sleeves, boots, and gloves. Do not wear loose fitting clothing, short pants, sandals, or go barefoot. Do not wear jewelry of any kind.
- Secure long hair above shoulder level to prevent entanglement in moving parts.
- Keep Children Away — Keep all bystanders, children, and pets at least 50 ft. away.
- Stay Alert — Watch what you are doing; use common sense. Do not operate this unit when you are tired, ill, upset, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting.
- Use Safety Glasses — Always use face or dust mask if operation is dusty.
- Disconnect Appliance — Remove battery from appliance when not in use, before servicing, when changing accessories such as bar chain.
- Don't Overreach — Keep proper footing and balance at all times. Overreaching can result in loss of balance or exposure to hot surfaces.
- Keep all parts of your body away from any moving part.
- Inspect the unit before each use for loose fasteners, etc. Replace any damaged parts before use.
- When not in use, product should be stored indoors in a dry, locked up place — out of the reach of children.
- Use only original manufacturer's replacement parts. Failure to do so may cause poor performance, possible injury, and will void your warranty.
- Do not, under any circumstance, use any attachment or accessory on this product which was not provided with the product or identified as appropriate for use with this product in the operator's manual.
- Avoid Dangerous Environments — Do not use the product in damp or wet locations. Do not use in rain.
- Use the Right Appliance — Do not use the product for any job except that for which it is intended.
- Do not operate from steps, a ladder, rooftop, tree, or unstable support. Stable footing on a solid surface enables better control of the product in unexpected situations.
- Do not force the product. It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- **DANGER** — Keep hands away from cutting area. Keep both hands on handles when power is on.
- **CAUTION** — Blade coasts after being turned off.
- Do not grasp the exposed cutting blades or cutting edges when picking up or holding the product.
- Check Damaged Parts — Before further use of the product, a guard or other part that is damaged should be carefully checked to determine that 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.

## SPECIFIC SAFETY WARNINGS

- Kickback is a dangerous reaction that can lead to serious injury. Kickback may occur when the moving chain contacts an object at the upper portion of the tip of the guide bar or when the wood closes in and pinches the 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 lightning-fast, reverse reaction which kicks the guide bar up and back toward the operator. If the chain is pinched along the top of the guide bar, the guide bar can be driven rapidly back toward the operator, which can cause loss of control and may result in serious injury. Do not rely exclusively upon the safety devices built into the product.

With a basic understanding of kickback, you can reduce or eliminate the element of surprise. Sudden surprise contributes to accidents.

- Use pole saw for cutting wood only. Do not use for cutting non-wood items.
- Make sure that the area in which you are cutting is free from obstructions. Do not let the nose of the guide bar contact a log, branch, fence, or any other obstruction while you are operating the unit. Have a planned retreat path.
- Cut only when visibility and light are adequate for you to see clearly.
- To protect yourself from electrocution, do not operate within 50 feet of overhead electrical lines.
- Before starting the motor, make sure the chain is not contacting any object.
- To protect yourself from falling branches, do not stand directly under the branch or limb being cut. This unit should not be held at an angle over 60° from ground level.
- Turn off the motor and make sure cutting attachment has stopped before setting unit down.
- Follow the sharpening and maintenance instructions for the saw chain.
- Use only the replacement guide bars and low kickback chains specified for the unit.
- Do not operate the saw with one hand! Serious injury to the operator, helpers, bystanders, or any combination of these persons may result from one hand operation. This saw is intended for two-handed use.
- Use extreme caution when cutting small-sized brush and saplings because slender material may catch the saw chain and be whipped toward you or pull you off balance.
- When cutting a limb that is under tension, be alert for spring back so that you will not be struck when the tension in the wood fibers is released.
- To avoid accidental starting, never carry the unit with the battery installed or with your finger on the switch trigger.
- Maintain Product 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 the battery charger cord periodically, and if damaged, have it replaced or repaired by an authorized service dealer.
- Keep handles dry, clean, and free from oil and grease.
- Service on the product must be performed by qualified repair personnel only. Service or maintenance performed by unqualified personnel could result in injury to the user or damage to the product.
- Battery operated units do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards even when unit is not operating.
- Remove the battery pack from the pole saw before cleaning, servicing, storing, removing material from the unit, changing accessories such as the bar and chain, or when not in use.
- A battery pack must be recharged only with the specified charger for the battery pack. A charger that may be suitable for one type of battery pack may create a risk of fire when used with another battery pack. Use battery pack only with charger listed.






## POLE SAW SAFETY WARNINGS

- Use only with battery and charger listed. For use with 20V lithium-ion battery packs. See Tool/Appliance/Battery Pack/Charger Correlation Supplement 990000811.
- To reduce the risk of explosion and possible injury, do not place battery units or their batteries near fire or heat.
- Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Do not charge appliance in rain, or in wet locations.
- Do not charge unit in a damp or wet location. Following this rule will reduce the risk of electric shock.
- Do not dispose of batteries in a fire. The cell may explode. Batteries should be recycled, consult your local waste authority for information regarding available recycling and/or disposal options.
- Exercise care in handling batteries in order not to short terminals. 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 pack terminals together may cause sparks, burns, or a fire.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you loan someone this product, loan them these instructions also to prevent misuse of the product and possible injury.











## SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	<b>DANGER:</b>	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	<b>WARNING:</b>	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	<b>CAUTION:</b>	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	<b>NOTICE:</b>	(Without Safety Alert Symbol) Indicates important information not related to an injury hazard, such as a situation that may result in property damage.

# SYMBOLS

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

SYMBOL	NAME	EXPLANATION
	Safety Alert Symbol	Indicates a potential personal injury hazard.
	Read Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Wear Eye and Head Protection	Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with head protection.
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Gloves	Wear non-slip, heavy-duty protective gloves when handling the pole saw and the blade.
	Safety Footwear	Wear non-slip safety footwear when using this equipment.
	Keep Tool Away from Electrical Lines/Keep Bystanders Away	DANGER! Risk of electrocution! Keep tool 50 feet away from electrical lines. Keep all bystanders at least 50 ft. away.
	Electric Shock	Failure to use in dry conditions and to observe safe practices can result in electric shock.
	No Hands Symbol	Failure to keep your hands away from the blade will result in serious personal injury.
	Recycle Symbols	This product uses lithium-ion or nickel-cadmium batteries. Local, state or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.
V	Volts	Voltage
≡	Direct Current	Type or a characteristic of current

# GLOSSARY OF TERMS

## **Chain Saw Power Head**

A chain saw without the saw chain and guide bar.

## **Drive Sprocket or Sprocket**

The toothed part that drives the saw chain.

## **Guide Bar**

A solid railed structure that supports and guides the saw chain.

## **Kickback**

The backward or upward motion, or both, of the guide bar occurring when the saw chain near the nose of the top area of the guide bar contacts any object such as a log or branch, or when the wood closes in and pinches the saw chain in the cut.

## **Kickback (Pinch)**

The rapid pushback of the saw which can occur when the wood closes in and pinches the moving saw chain in the cut along the top of the guide bar.

## **Kickback (Rotational)**

The rapid upward and backward motion of the saw which can occur when the moving saw chain near the upper portion of the tip of the guide bar contacts an object, such as a log or branch.

## **Low-Kickback Chain**

A chain that complies with the kickback performance requirements of ANSI B175.1 when tested on a representative sample of chain saws.

## **Normal Cutting Position**

Those positions assumed in performing the bucking and felling cuts.

## **Notching Undercut**

A notch cut in a tree that directs the tree's fall.

## **Oiler Control**

A system for oiling the guide bar and saw chain.

## **Rear Handle**

The support handle located at or toward the rear of the saw. It normally contains the switch trigger. This handle is for the right hand.

## **Reduced Kickback Guide Bar**

A guide bar which has been demonstrated to reduce kickback significantly.

## **Replacement Saw Chain**

A chain that complies with the kickback performance requirements of ANSI B175.1 when tested with specific chain saws. It may not meet the ANSI performance requirements when used with other saws.

## **Saw Chain**

A loop of chain having cutting teeth that cut the wood, and that is driven by the motor and is supported by the guide bar.

## **Spiked Bumper (Spike)**

The pointed tooth or teeth for use when felling or bucking to pivot the saw and maintain position while sawing.

## **Springpole**

A small tree (sapling) or limb that is bent or trapped under tension. It may "spring back" rapidly when cut, causing a dangerous situation.

## **Switch Trigger**

A device that when operated will complete or interrupt an electrical power circuit to the motor of the chain saw.

## **Switch Linkage**

The mechanism that transmits motion from a trigger to the switch.

## **Switch Lock-out**

A movable stop that prevents the unintentional operation of the switch until manually actuated.

# FEATURES

## PRODUCT SPECIFICATIONS

Motor .....	20 Volt DC
Bar Length .....	8 in.
Cutting Capacity .....	6 in.
Chain Pitch .....	3/8 in.
Chain Type .....	Low Profile Skip Tooth Narrow Kerf

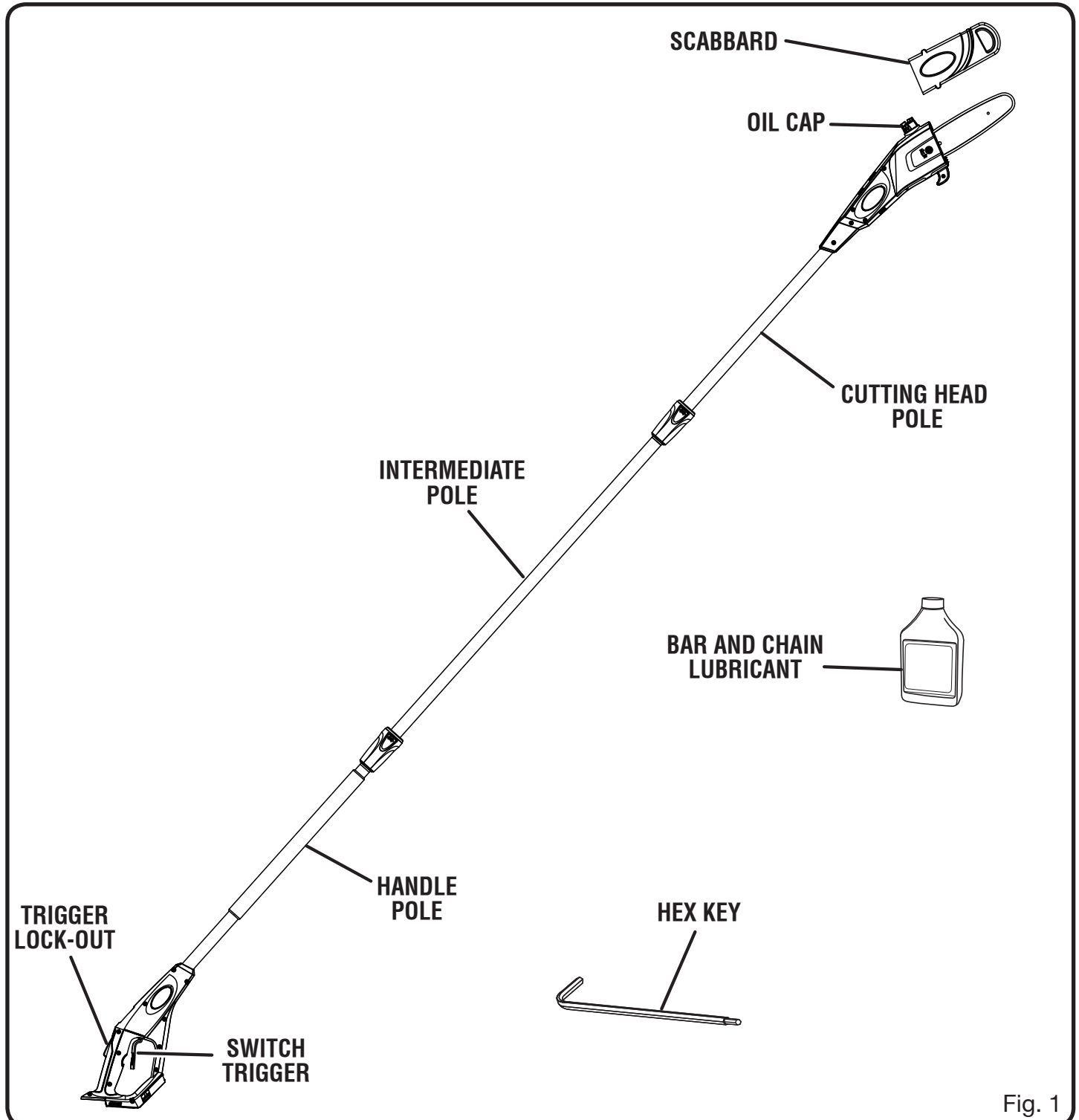


Fig. 1

## FEATURES

### KNOW YOUR POLE SAW

See Figure 1.

The safe use of this product requires an understanding of the information on the product and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

### QUICK-VIEW OIL INDICATOR

Semi-transparent bar lube reservoir that allows user to see when to add lubricant.

### SCABBARD

The scabbard keeps the operator from coming in contact with the sharp blades when the tool is not in use. It also helps keep the blades from being nicked or damaged when the tool is in storage.

### TRIGGER LOCK-OUT

The trigger lock-out prevents unintentional starting of the pole saw.

## ASSEMBLY

### UNPACKING

This product requires assembly.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.

#### **WARNING:**

Do not use this product if any parts on the Packing List are already assembled to your product when you unpack it. Parts on this list are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.

- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call 1-877-243-2774 for assistance.

### PACKING LIST

Cutting Head Pole  
Intermediate Pole  
Handle Pole  
Scabbard  
Hex Key  
Operator's Manual

#### **WARNING:**

If any parts are damaged or missing, do not operate this product until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.

#### **WARNING:**

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

#### **WARNING:**

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the product when assembling parts.

## ASSEMBLY

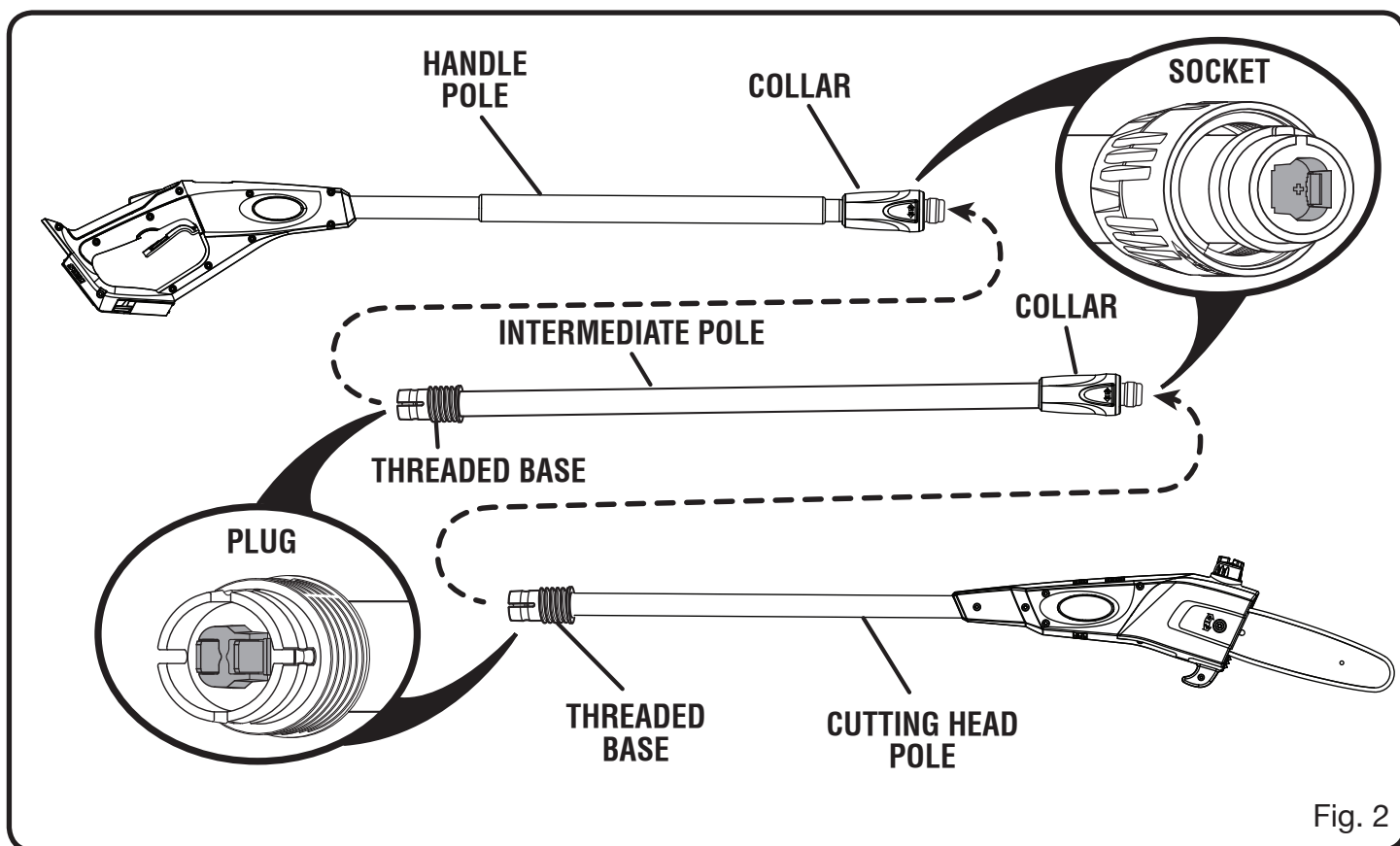


Fig. 2

### CONNECTING THE POLES

See Figure 2.

- Insert the plug on the intermediate pole into the socket on the handle pole and push together until fully seated. The plug is larger on one side and will only install one way.
- Lower the collar on the handle pole to the threaded base on the intermediate pole and rotate clockwise to secure.
- Repeat this process to attach the intermediate pole to the cutting head pole.

**NOTE:** When assembled correctly, handle pole and cutting head pole should not be able to separate from intermediate pole when pulled. Repeat above steps if poles can be separated from intermediate pole.

#### **⚠ WARNING:**

Failure to securely assemble and lock all poles together as directed above could cause the poles to separate and could result in serious personal injury or death.



## OPERATION

### **DANGER:**

Never cut near power lines, electric cords, or other electric sources. If bar and chain jams on any electrical cord or line, **DO NOT TOUCH THE BAR OR CHAIN! THEY CAN BECOME ELECTRICALLY LIVE AND VERY DANGEROUS.** Continue to hold the pole saw by the insulated rear handle or lay it down and away from you in a safe manner. Disconnect the electrical service to the damaged line or cord before attempting to free the bar and chain from the line or cord. Contact with the bar, chain, other conductive parts of the pole saw, or live electric cords or lines will result in death by electrocution, electric shock, or serious personal injury.

### **WARNING:**

Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

### **WARNING:**

Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with hearing and head protection. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

### **WARNING:**

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

Before each use, inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced. Please call 1-877-243-2774 or contact an authorized service center for assistance.

## APPLICATIONS

You may use this product for the following purposes:

- Limbing
- Pruning

## TO INSTALL / REMOVE BATTERY PACK

See Figure 3.

### **WARNING:**

Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, carrying, transporting or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.

### **To install:**

- Place the battery pack in the pole saw. Align raised rib on battery pack with groove in battery port.
- Make sure the latches on each side of the battery pack snap in place and battery pack is secured in pole saw before beginning operation.

### **To remove:**

Locate latches on side of battery pack and depress both sides to release the battery pack from the pole saw.

### **NOTICE:**

When placing battery pack in your pole saw, be sure raised rib on battery pack aligns with groove in pole saw's battery port and latches snap in place properly. Improper assembly of battery pack can cause damage to internal components.

**NOTE:** Check the battery fuel gauge while depressing the switch trigger to determine the amount of charge remaining in the battery pack.

### **WARNING:**

To avoid serious personal injury, always remove the battery pack and keep hands clear of the trigger lock-out when carrying or transporting the tool.

## OPERATION

### ADDING BAR AND CHAIN LUBRICANT

See Figure 4.

Use Bar and Chain Lubricant. It is designed for chains and chain oilers, and is formulated to perform over a wide temperature range with no dilution required.

**NOTE:** Pole saw comes from the factory with no bar and chain lubricant added. Level should also be checked after every 20 minutes of use and refilled as needed.

- Remove oil cap.
- Carefully pour the bar and chain lubricant into the bar lube reservoir.
- Wipe off excess oil.
- Check and fill the reservoir when quick view oil indicator is below the second to last indicator line.
- Repeat as needed.

**NOTE:** Do not use dirty, used or otherwise contaminated oils. Damage may occur to the bar or chain.

**NOTE:** It is normal for oil to seep from the saw when not in use. To prevent seepage, empty the oil tank after each use then run for one minute. When storing the unit for a long period of time (three months or longer) be sure the chain is lightly lubricated; this will prevent rust on the chain and bar sprocket.

### STARTING AND STOPPING

See Figures 3 and 5.

#### To start the motor:

- Hold the pole saw as shown and ensure that you are well away from anything that may contact the blade.
- Press and hold the trigger lock-out.
- Depress the switch trigger.

#### To stop the motor:

- Release the trigger to stop the pole saw. Upon release of the trigger, the trigger lock will automatically reset to the locked position.

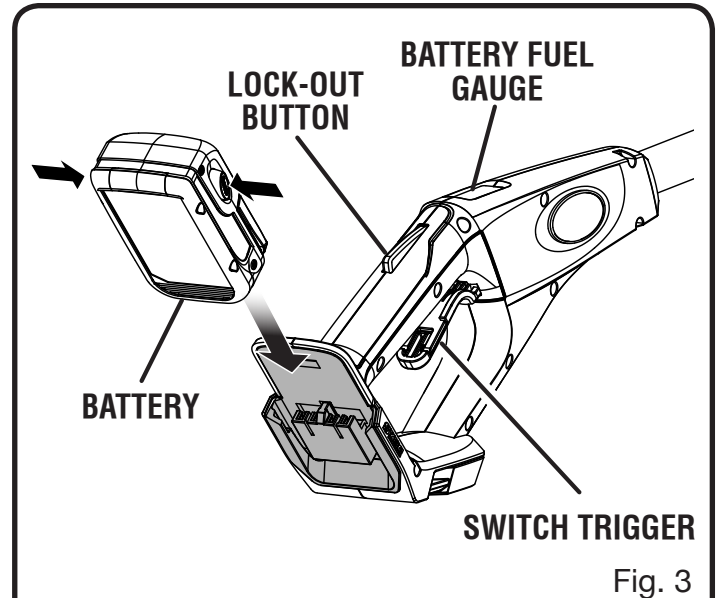


Fig. 3

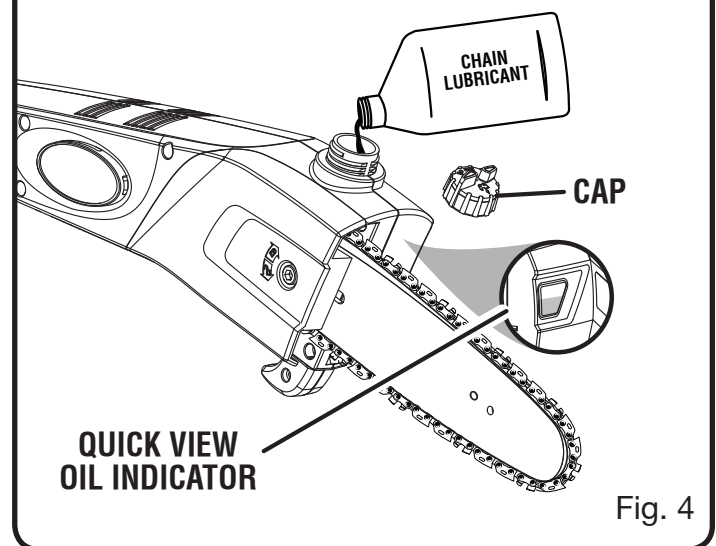


Fig. 4

# OPERATION

## PREPARATION FOR CUTTING

See Figure 5.

- Wear non-slip gloves for maximum grip and protection.
- Maintain a proper grip on the unit whenever the motor is running. Use your right hand to firmly grip the rear handle while your left hand has a firm grip on the pole shaft.
- Hold unit firmly with both hands. Always keep your left hand on the pole shaft and your right hand on the rear handle, so your body is to the left of the chain line. Never use a left-handed (cross-handed) grip, or any stance that places your body or arm across the chain line.
- Never stand directly under the limb you are cutting.
- Be certain the collars are fully tightened before operating equipment; check them periodically for tightness during use to avoid serious injury.

## BASIC CUTTING PROCEDURE

Follow the steps below to prevent damage to tree or shrub bark. Do not use a back-and-forth sawing motion.

- Make a shallow first cut (1/4 of limb diameter) on the underside of the limb close to the main limb or trunk.
- Make a second cut from the top side of the limb outboard from the first cut. Continue the cut through the limb until the limb separates from the tree. Be prepared to balance the weight of the tool when the limb falls.
- Make a final cut close to trunk.

**NOTE:** For second and final cuts (from top of limb or branch), hold front cutting guide against the limb being cut. This will help steady the limb and make it easier to cut. Allow chain to cut for you; exert only light downward pressure. If you force the cut, damage to the bar, chain, or motor can result.

- Release the trigger as soon as the cut is completed.

Failure to follow proper cutting procedures will result in the bar and chain binding and becoming pinched or trapped in the limb. If this should happen:

- Stop the motor and remove the battery pack.

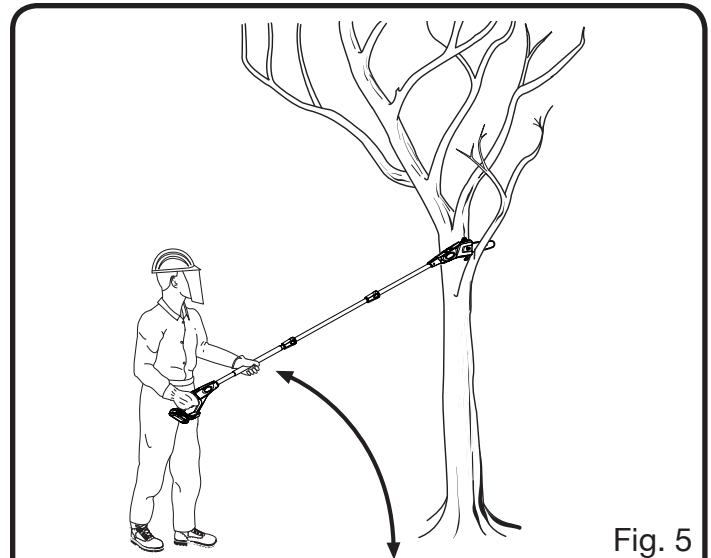


Fig. 5

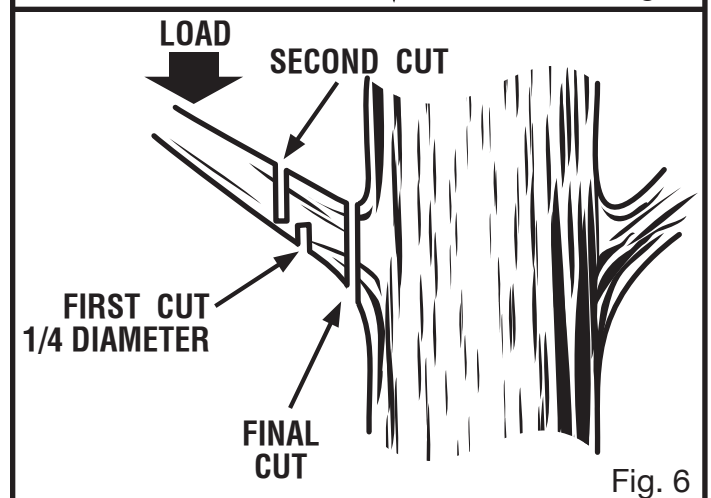


Fig. 6

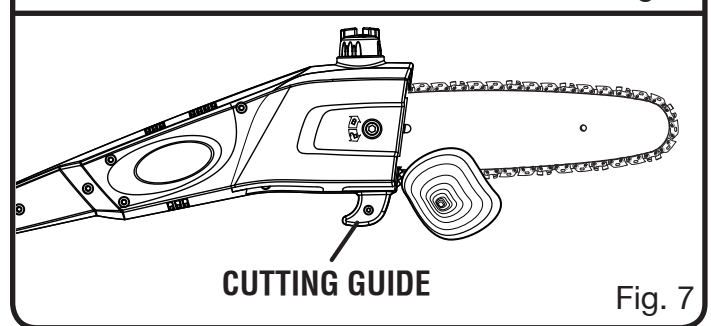


Fig. 7

- If the limb can be reached from the ground, lift the limb while holding the saw. This should release the "pinch" and free the saw.
- If the saw is still trapped, call a professional for assistance.

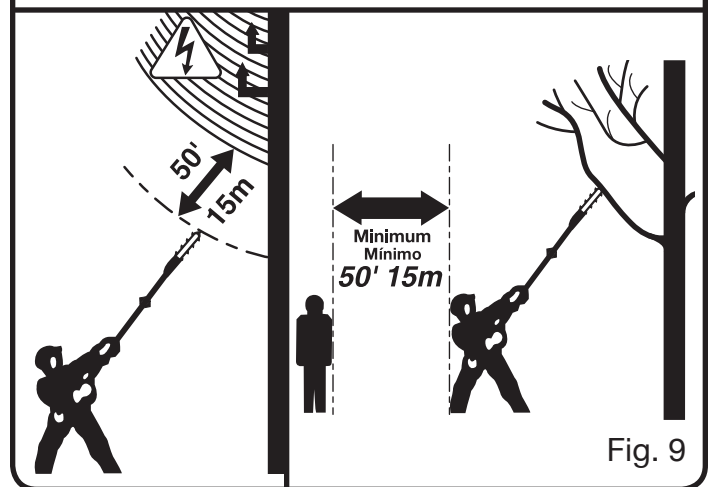
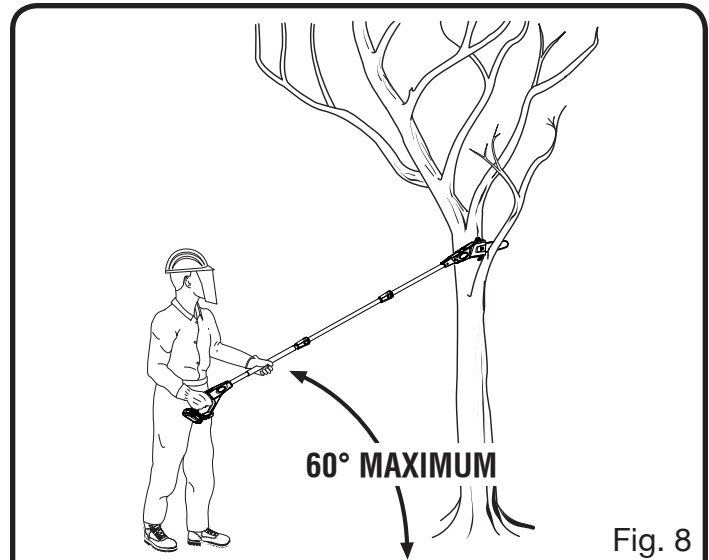
# OPERATION

## LIMBING AND PRUNING

See Figures 6 - 9.

This unit is designed for trimming small branches and limbs up to 6 in. in diameter. For best results, observe the following precautions.

- Plan the cut carefully. Be aware of the direction in which the branch will fall.
- Branches may fall in unexpected directions. Do not stand directly under the branch being cut.
- The most typical cutting application is to position the unit at an angle of 60° or less, depending on the specific situation, as shown. As the angle of the pole saw shaft to ground increases, the difficulty of making the first cut (from the underside of limb) increases.
- Remove long branches in several stages.
- Cut lower branches first to allow the top branches more room to fall.
- Work slowly, keeping both hands on the saw with a firm grip. Maintain secure footing and balance.
- Keep the tree between you and the chain while limbing. Cut from side of tree opposite branch you are cutting.
- Do not cut from a ladder; this is extremely dangerous. Leave this operation for professionals.
- Do not make the flush cut next to the main limb or trunk until you have cut off the limb further out to reduce the weight. Following proper cutting procedures will prevent stripping the bark from the main member.
- Do not use the pole saw for felling or bucking.
- To prevent electrocution, do not operate within 50 ft. of overhead electrical lines.
- Keep bystanders at least 50 ft. away.



## MAINTENANCE

### **WARNING:**

When servicing, use only identical replacement parts. Use of any other parts could create a hazard or cause product damage.

### **WARNING:**

Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with head protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

### **WARNING:**

Before inspecting, cleaning, or servicing the unit, stop the motor, wait for all moving parts to stop, and remove the battery pack. Failure to follow these instructions can result in serious personal injury or property damage.

## GENERAL MAINTENANCE

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

### **WARNING:**

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic, which could result in serious personal injury.

All pole saw service, other than the items listed in these maintenance instructions, should be performed by competent pole saw service personnel. (For example, if improper tool is used to hold the flywheel in order to remove the clutch, structural damage to the flywheel could occur and subsequently could cause the flywheel to burst).

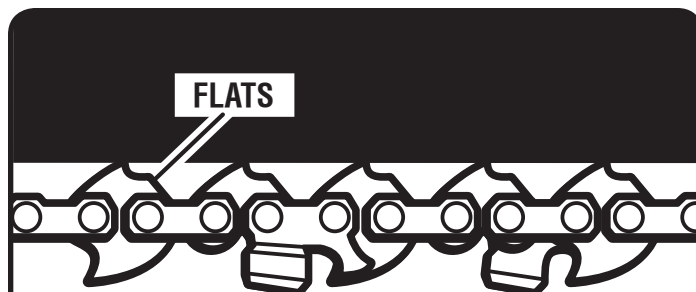


Fig. 10

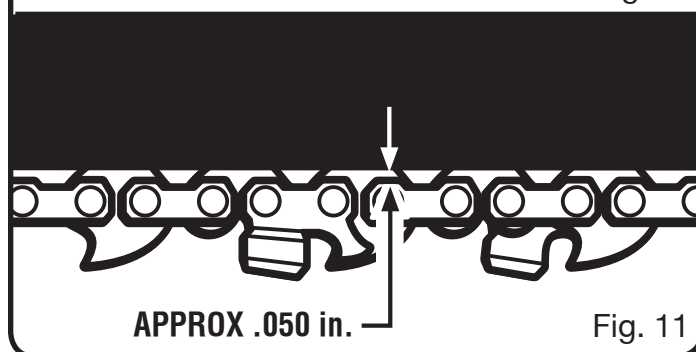


Fig. 11

## CHAIN TENSION

See Figures 10 - 11.

### **WARNING:**

To avoid possible serious injury, never touch or adjust the chain while the motor is running. The saw chain is very sharp; always wear protective gloves when performing maintenance to the chain.

- Stop the motor and remove the battery pack before setting the chain tension. Make sure the chain cover screw is loose to finger tight, turn the chain tensioning screw clockwise to tension the chain. Refer to **Replacing the Bar and Chain** for additional information.

**NOTE:** A cold chain is correctly tensioned when there is no slack on the underside of the guide bar, the chain is snug, but it can be turned by hand without binding.

- Chain must be re-tensioned whenever the flats on the drive links hang out of the bar groove.
- During normal operation, the temperature of the chain will increase. The drive links of a correctly tensioned warm chain will hang approximately .050 in. out of the bar groove.

**NOTE:** New chain tends to stretch; check chain tension frequently and tension as required.



## MAINTENANCE

### NOTICE:

Chain tensioned while warm, can be too tight upon cooling. Check the “cold tension” before next use.

### REPLACING THE BAR AND CHAIN

See Figures 12 - 15

### ⚠ WARNING:

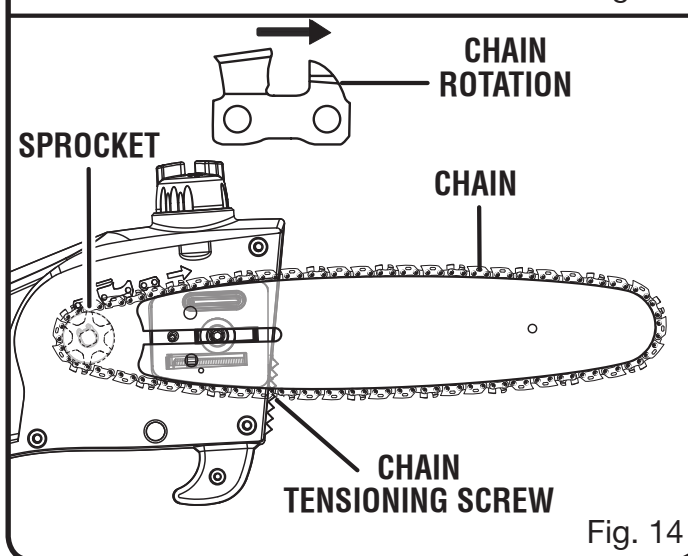
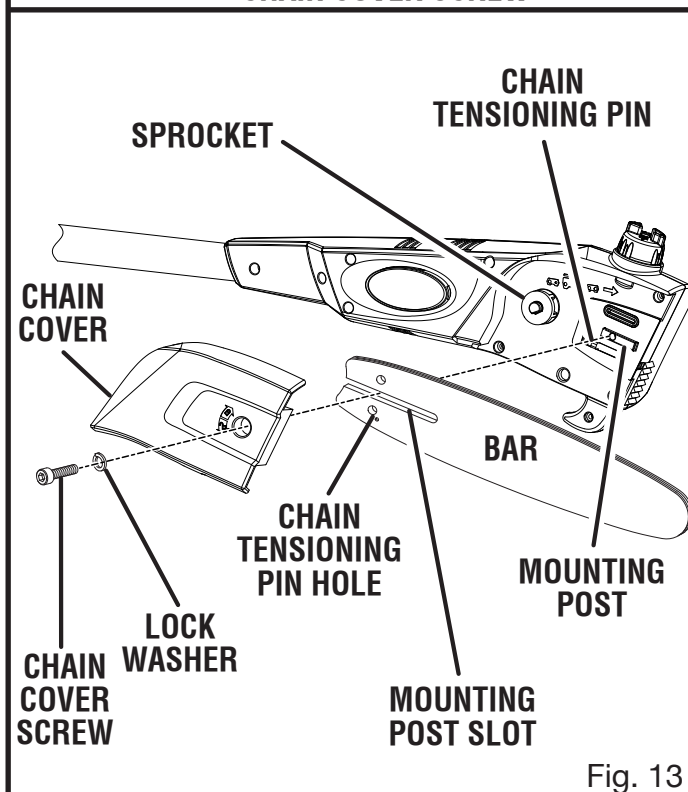
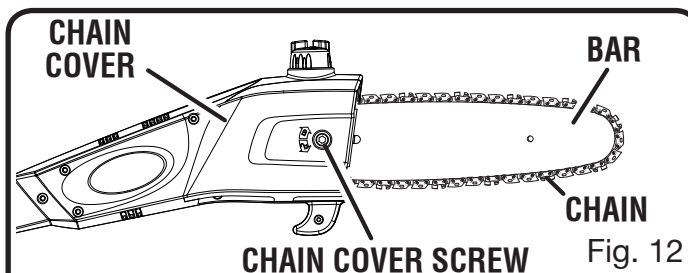
To avoid possible serious injury, stop the motor and remove the battery pack before replacing the bar, chain, or performing any maintenance operation.

- Using the hex key provided, remove the chain cover screw, washer, and chain cover from the chain saw.
- The bar contains a slot that fits over the mounting post. The bar also contains a chain tensioning pin hole which fits over the chain tensioning pin.
- Place the bar onto the mounting post so that the chain tensioning pin fits into the chain tensioning pin hole.

**NOTE:** If necessary, rotate the chain tensioning screw counterclockwise until the pin and hole can be aligned.

- Fit the chain over the sprocket and into the bar groove. The cutters on the top of the bar should face toward the bar tip, in the direction of the chain rotation.
- Replace the chain cover and reinstall the washer and screw. Tighten the screw finger tight only. The bar must be free to move for tension adjustment.
- Remove all slack from chain by turning the chain tensioning screw clockwise, assuring that the chain seats into the bar groove during tensioning.
- Tighten the chain cover screw securely.

**NOTE:** Chain is correctly tensioned when there is no slack on the underside of the bar, the chain is snug, but it can be turned by hand without binding.





## MAINTENANCE

If chain is too tight, it will not rotate. Loosen the chain cover screw slightly and turn chain tensioning screw 1/4 turn counterclockwise. Retighten chain cover screw securely.

### CHAIN OILER

See Figure 16.

- Use Bar and Chain Lubricant. It is designed for chains and chain oilers and is formulated to perform over a wide temperature range with no dilution required.
- Remove the cap and carefully pour approximately 2 oz. of bar and chain lubricant into the bar lube reservoir.
- Replace the cap and tighten securely.
- Check and refill the bar lube reservoir every time the pole saw is used.

**NOTE:** Do not use dirty, used, or otherwise contaminated lubricants. Damage may occur to the oil pump, bar, or chain.

### CHAIN MAINTENANCE

See Figure 17.

For smooth and fast cutting, the chain needs to be maintained properly. The following conditions indicate that the chain requires sharpening:

- Wood chips are small and powdery
- Chain must be forced through the wood during cutting
- Chain cuts to one side

During maintenance of the chain, consider the following:

- Improper filing angle of the side plate can increase the risk of a severe kickback.
- Depth gauge (or raker clearance) setting determines the height the cutter enters the wood and the size of the wood chip that is removed. Too much clearance increases the potential for kickback. Too little clearance decreases the size of the wood chip thus decreasing the chain's cutting ability.
- If cutter teeth have hit hard objects such as nails and stones, or have been abraded by mud or sand on the wood, have service dealer sharpen chain.

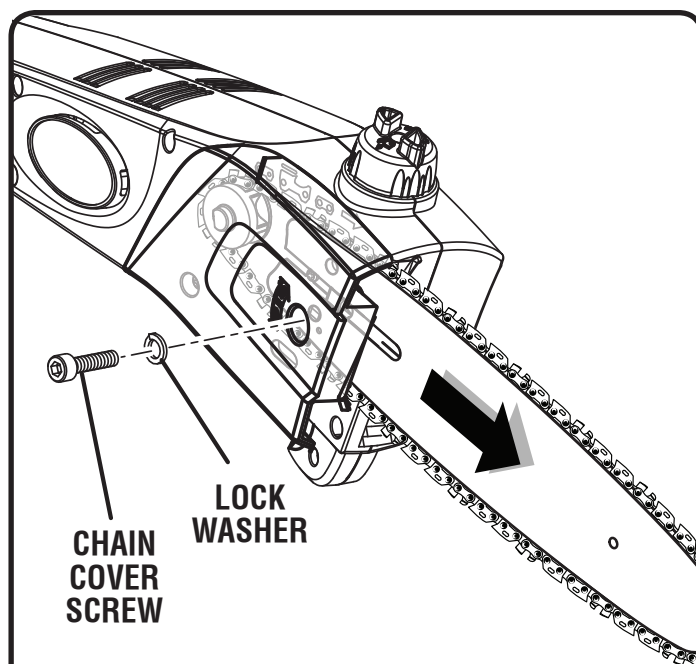


Fig. 15

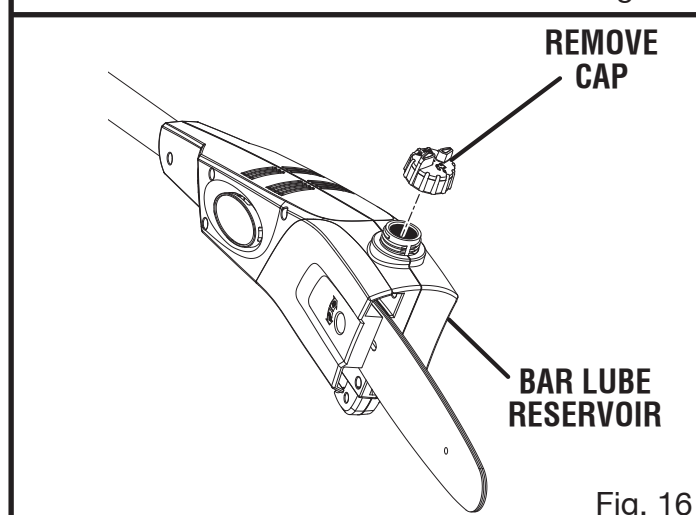


Fig. 16

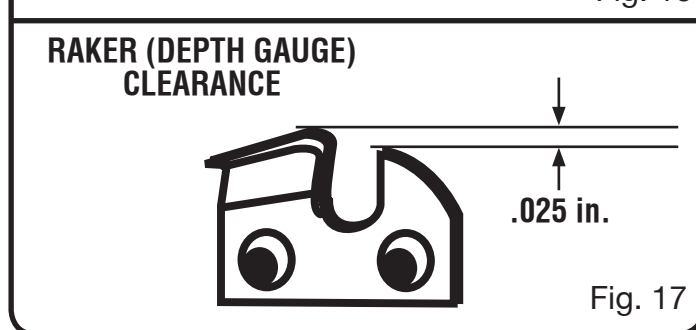


Fig. 17

## MAINTENANCE

### HOW TO SHARPEN THE CUTTERS

See Figures 18 - 21.

Be careful to file all cutters to the specified angles and to the same length, as fast cutting can be obtained only when all cutters are uniform.

- Tighten the chain tension enough that the chain does not wobble. Do all of your filing at the mid-point of the bar. Wear gloves for protection.
- Use a 5/32 in. diameter round file and holder.
- Keep the file level with the top plate of the tooth. Do not let the file dip or rock.
- Using light but firm pressure, stroke towards the front corner of the tooth. Lift file away from the steel on each return stroke.
- Put a few firm strokes on every tooth. File all left hand cutters in one direction. Then move to the other side and file the right hand cutters in the opposite direction. Occasionally remove filings from the file with a wire brush.

#### NOTICE:

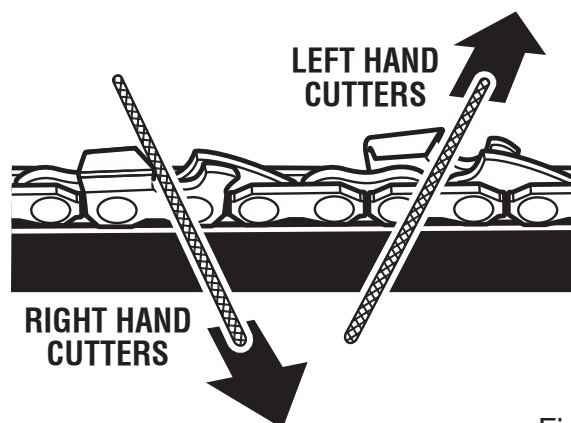
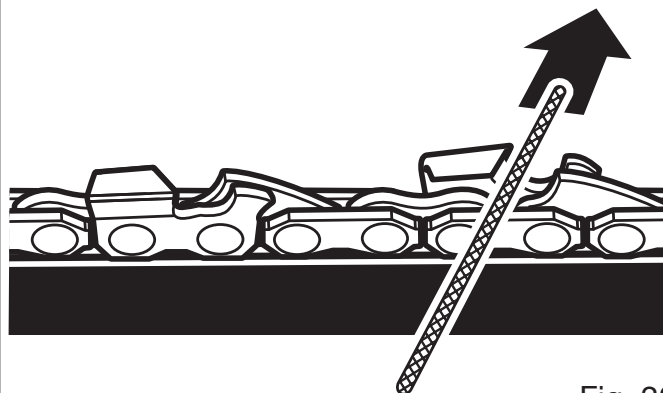
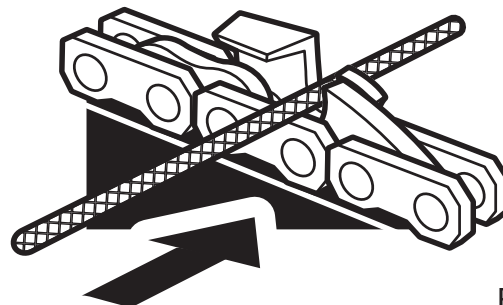
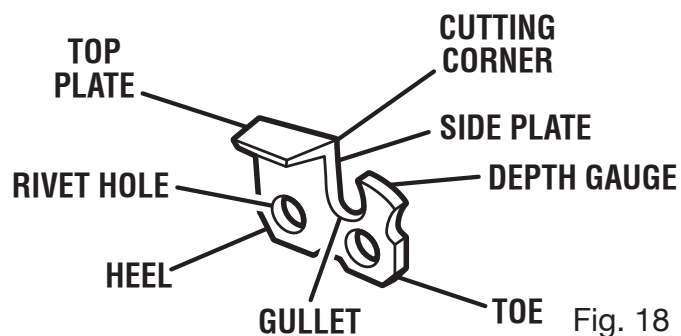
Dull or improperly sharpened chain can cause excessive motor speed during cutting which may result in severe motor damage.



#### WARNING:

Improper chain sharpening increases the potential of kickback. Failure to replace or repair damaged chain can cause serious injury.

#### PARTS OF A CUTTER

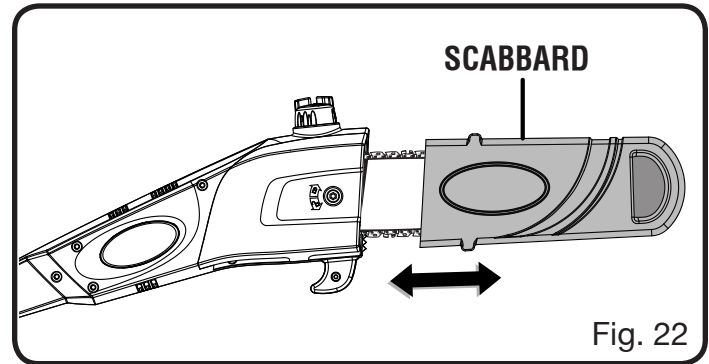


## MAINTENANCE

### STORING THE PRODUCT

See Figure 22.

- Clean all foreign material from the product. Store idle unit indoors in a dry, well-ventilated area that is inaccessible to children. Keep away from corrosive agents such as garden chemicals and de-icing salts.
- Always place the scabbard on the saw bar when transporting or storing the pole saw. The scabbard is a snug fit and must be attached very carefully due to the sharp teeth on the saw chain. This is best done by grasping the scabbard at one end, in the center portion of the scabbard, and carefully sliding it over the chain as shown. Use caution to avoid the sharp teeth of the chain.



**NOTE:** The saw chain is very sharp. Always wear protective gloves when handling the chain.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Bar and chain running hot and smoking	Check chain tension for over tight condition.	Tension chain. Refer to <b>Chain Tension</b> earlier in this manual.
	Bar lube reservoir empty.	Check bar lube reservoir.
Motor runs, but chain is not rotating	Chain tension too tight.	Retension chain, Refer to <b>Chain Tension</b> earlier in this manual.
	Check guide bar and chain assembly.	Refer to <b>Replacing Bar and Chain</b> earlier in this manual.
	Check guide bar and chain for damage.	Inspect guide bar and chain for damage.



### CALL US FIRST

For any questions about operating or maintaining your product, call the help line — 1-877-243-2774!

Your product has been fully tested prior to shipment to ensure your complete satisfaction.

# WARRANTY

## LIMITED WARRANTY STATEMENT

OWT Industries, Inc., ("OWT") warrants to the original retail purchaser that this Scotts® brand outdoor product is free from defect in material and workmanship and agrees to repair or replace, at OWT's discretion, any defective product free of charge within these time periods from the date of purchase.

- Three years if the product is used for personal, family or household use
- 90 days, if used for any other purpose, such as commercial, rental, or income-producing

This warranty extends to the original retail purchaser only and commences on the date of the original retail purchase.

Any part of this product found in the reasonable judgment of OWT to be defective in material or workmanship will be repaired or replaced without charge for parts and labor by an authorized service center for Scotts® brand outdoor products (Authorized Scotts® Service Center).

The product, including any defective part, must be returned to an authorized Scotts® service center within the warranty period. The expense of delivering the product to the service center for warranty work and the expense of returning it back to the owner after repair or replacement will be paid by the owner. OWT's responsibility in respect to claims is limited to making the required repair(s) or replacement(s) and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any Scotts® brand outdoor product. Proof of purchase will be required by the service center to substantiate any warranty claim. All warranty work must be performed by an authorized service center.

This warranty does not cover any product that has been subject to misuse, neglect, negligence, or accident, or that has been operated in any way contrary to the operating instructions as specified in this operator's manual. This warranty does not apply to any damage to the product that is the result of improper maintenance or to any product that has been altered or modified. The warranty does not extend to repairs made necessary by normal wear or by the use of parts or accessories which are incompatible with the Scotts® brand outdoor product or adversely affect its operation, performance, or durability. In addition, this warranty does not cover:

- A. Tune-ups – Spark Plugs, Carburetor, Carburetor Adjustments, Ignition, Filters

- B. Wear items – Bump Knobs, Outer Spools, Cutting Lines, Inner Reels, Starter Pulleys, Starter Ropes, Drive Belts, Tines, Felt Washers, Hitch Pins, Mulching Blades, Blower Fans, Blower and Vacuum Tubes, Vacuum Bag and Straps, Guide Bars, Saw Chains

OWT reserves the right to change or improve the design of any Scotts® brand outdoor product without assuming any obligation to modify any product previously manufactured.

ALL IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE STATED WARRANTY PERIOD. ACCORDINGLY, ANY SUCH IMPLIED WARRANTIES INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, ARE DISCLAIMED IN THEIR ENTIRETY AFTER THE EXPIRATION OF THE THREE-YEAR OR NINETY-DAY WARRANTY PERIOD. OWT'S OBLIGATION UNDER THIS WARRANTY IS STRICTLY AND EXCLUSIVELY LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS AND OWT DOES NOT ASSUME OR AUTHORIZE ANYONE TO ASSUME FOR THEM ANY OTHER OBLIGATION. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. OWT ASSUMES NO RESPONSIBILITY FOR INCIDENTAL, CONSEQUENTIAL, OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, EXPENSE OF RETURNING THE PRODUCT TO AN AUTHORIZED SCOTTS® SERVICE CENTER AND EXPENSE OF DELIVERING IT BACK TO THE OWNER, MECHANIC'S TRAVEL TIME, TELEPHONE OR TELEGRAM CHARGES, RENTAL OF A LIKE PRODUCT DURING THE TIME WARRANTY SERVICE IS BEING PERFORMED, TRAVEL, LOSS OR DAMAGE TO PERSONAL PROPERTY, LOSS OF REVENUE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, OR INCONVENIENCE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This warranty applies to all Scotts® brand outdoor products manufactured by or for OWT and sold in the United States and Canada.

To locate your nearest Authorized Scotts® Service Center, dial 1-877-243-2774 or log on to our website at [www.scotts.com](http://www.scotts.com).



## OPERATOR'S MANUAL

MANUEL D'UTILISATION / MANUAL DEL OPERADOR

### 20 Volt Pole Saw

Scie de manche de 20 V

Sierra de pértiga de 20 V

S20505

#### CALIFORNIA PROPOSITION 65

##### **WARNING:**

This product and substances that may become airborne from its use may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm.  
**Wash hands after handling.**

#### PROPOSITION 65 DE L'ÉTAT DE CALIFORNIE

##### **AVERTISSEMENT :**

Ce produit et les autres substances rejetées dans l'air suite à son utilisation peuvent contenir des produits chimiques, notamment du plomb qui, selon l'État de la Californie, peuvent causer le cancer, des anomalies congénitales et d'autres dommages au système reproducteur.  
**Bien se laver les mains après toute manipulation.**

#### CALIFORNIA - PROPUESTA DE LEY NÚM. 65

##### **ADVERTENCIA:**

Este producto y las sustancias que puedan llegar a ser aerotransportadas por su uso pueden contener sustancias químicas (incluido el plomo) reconocidas por el estado de California como causantes de cáncer, defectos congénitos y otras afecciones del aparato reproductor.  
**Lávese las manos después de utilizar el aparato.**

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Scotts® es una marca registrada de OMS Investments, Inc., y se utiliza conforme a una licencia.

#### OWT INDUSTRIES, INC.

P.O. Box 35, Highway 8  
Pickens, SC 29671 USA

1-877-243-2774 ♦ www.scotts.com

991000267

12-2-14 (REV:01)

#### PARTS AND SERVICE

Prior to requesting service or purchasing replacement parts, please obtain your item and serial number from the product data plate and record in the spaces below.

Item No. \_\_\_\_\_ Serial No. \_\_\_\_\_

##### **To obtain replacement parts:**

Replacement parts can be purchased online at [www.scotts.com](http://www.scotts.com) or by calling 1-877-243-2774. Replacement parts can also be obtained at one of our Authorized Service Centers.

##### **To locate an authorized service center:**

Authorized Service Centers can be located online at [www.scotts.com](http://www.scotts.com) or by calling 1-877-243-2774.

##### **To obtain customer or technical support:**

To obtain Customer or Technical Support please contact us at 1-877-243-2774.



#### PIÈCES ET SERVICE

Avant de faire la demande de service ou l'achat de pièces de remplacement, veuillez obtenir le numéro de série d'article à partir de la plaque de données du produit et écrivez en dans les espaces ci-dessous.

Numéro d'article \_\_\_\_\_ Numéro de série \_\_\_\_\_

##### **Pour obtenir les pièces de remplacement :**

Les pièces de remplacement peuvent être achetées en ligne sur le site [www.scotts.com](http://www.scotts.com) ou par téléphone au 1-877-243-2774. Les pièces de remplacement peuvent être obtenues à un de nos centres de service autorisés.

##### **Pour trouver un centre de service autorisé :**

Les centres de service autorisés peuvent être localisés en ligne au [www.scotts.com](http://www.scotts.com) ou en téléphonant au 1-877-243-2774.

##### **Pour obtenir de l'aide en contactant le service à la clientèle :**

Pour contacter le service à la clientèle pour une question technique ou pour tout autre renseignement, veuillez nous téléphoner au 1-877-243-2774.



#### PIEZAS DE REPUESTO Y SERVICIO

Antes de solicitar servicio técnico o comprar piezas de repuesto, obtenga de artículo y número de serie de la placa de datos del producto y escriba en los espacios suministrados a continuación.

Número de artículo \_\_\_\_\_ Número de serie \_\_\_\_\_

##### **Para obtener piezas de repuesto:**

Las piezas de repuesto se pueden comprar en nuestro sitio en la red mundial, en la dirección [www.scotts.com](http://www.scotts.com) o llamando al 1-877-243-2774. Las piezas de repuesto también se pueden obtener en uno de nuestros Centros de Servicio Autorizados.

##### **Para localizar un centro de servicio autorizado:**

Puede encontrar los Centros de Servicio Autorizados visitando nuestro sitio en la red mundial, en la dirección [www.scotts.com](http://www.scotts.com) o llamando al 1-877-243-2774.

##### **Para obtener servicio o asistencia técnica al consumidor:**

Para obtener Servicio o Asistencia Técnica al Consumidor, sírvase comunicarse con nosotros llamando al 1-877-243-2774.