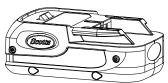


OPERATOR'S MANUAL

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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.

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



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

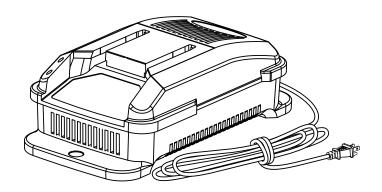


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WARNING: To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

SAVE THIS MANUAL FOR FUTURE REFERENCE

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■ Commande de pièces et réparation	ge arrière

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

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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	The following signal words and meanings are intended to explain the levels of risk associated with this product. SYMBOL SIGNAL MEANING		
A	DANGER:	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.	
A	WARNING:	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.	
A	CAUTION:	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.	
	NOTICE:	(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
A	Safety Alert	Indicates a potential personal injury hazard.
(3)	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
\sim	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.

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
Power	Without battery pack	ON	OFF	Ready to charge battery pack.
	Hot battery pack	11/		When battery pack reaches cooled temperature, charger begins charge mode.
Testing	Cold battery pack	Flashing	OFF	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.
Defective	Defective	Fading	OFF	Battery pack or charger is defective.

- 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.
- If a different battery charges normally, dispose of the defective pack (see Maintenance section).
- If a different battery also indicates "Defective," the charger may be defective.

Charging	Charging	ON	Flashing	Battery is being charged.
Charged	Battery is charged	OFF	ON	Battery is charged; charger is in Maintenance Mode.
Energy Save Mode	Battery full / Energy Save mode	OFF	Fading	Battery is charged and charger is in Energy Save mode.



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.

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:

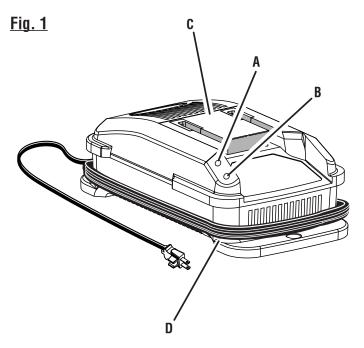
Do not at any time let brake fluids, gasoline, petroleumbased products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which can result in serious personal injury.

STORAGE

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

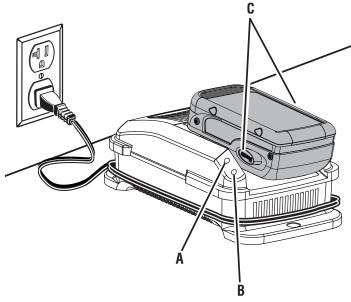
This product has a Three-Year Limited Warranty. Warranty details are available at www.scotts.com

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



- 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

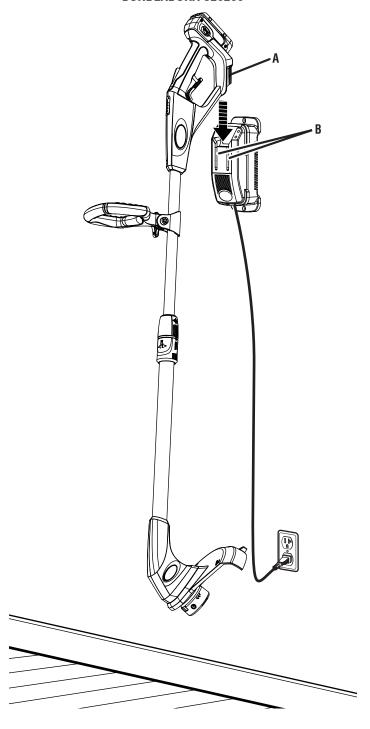


- A Red LED (témoin rouge, indicador de rojo)
- B Green LED (témoin vert, indicador de verde)
- C Depress latches to remove battery pack (enfoncer les attaches pour retirer le bloc-pile, para extraer el paquete de baterías oprima los pestillos)

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 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 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 modèleNuméro de série
Pour obtenir les pièces de remplacement :
Les pièces de remplacement peuvent être achetées en ligne sur le site 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 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 modeloNúmero 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 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 o llamando al 1-877-243-2774.

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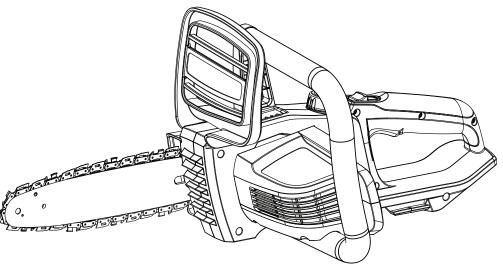
Para obtener Servicio o Asistencia Técnica al Consumidor, sírvase comunicarse con nosotros llamando al 1-877-243-2774.

Para obtener servicio o asistencia técnica al consumidor:



OPERATOR'S MANUAL MANUEL D'UTILISATION MANUAL DEL OPERADOR

S20500 20 Volt Chain Saw Scie à chaîne 20 V Motosierra de 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

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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

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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.

y servicioPág. posterior

GUARDE ESTE MANUAL PARA FUTURAS CONSULTAS

GENERAL POWER TOOL SAFETY WARNINGS



WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

WORK AREA SAFETY

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- 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 clothes, 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 dustrelated hazards.

POWER TOOL USE AND CARE

■ Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

GENERAL POWER TOOL SAFETY WARNINGS

- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- 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, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

BATTERY TOOL USE AND CARE

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

SERVICE

- Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- When servicing a power tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance instructions may create a risk of shock or injury.

- Keep all parts of the body away from the saw chain when the chain saw is operating. Before you start the chain saw, make sure the saw chain is not contacting anything. A moment of inattention while operating chain saws may cause entanglement of your clothing or body with the saw chain.
- Always hold the chain saw with your right hand on the rear handle and your left hand on the front handle. Holding the chain saw with a reversed hand configuration increases the risk of personal injury and should never be done.
- Hold the power tool by insulated gripping surfaces only, because the saw chain may contact hidden wiring. Saw chains contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- 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 operate a chain saw in a tree. Operation of a chain saw while up in a tree may result in personal injury.
- Always keep proper footing and operate the chain saw 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 chain saw.
- When cutting a limb that is under tension be alert for spring back. When the tension in the wood fibres is released the spring loaded limb may strike the operator and/or throw the chain saw out of control.
- Use extreme caution when cutting brush and saplings. The slender material may catch the saw chain and be whipped toward you or pull you off balance.
- Carry the chain saw by the front handle with the chain saw switched off and away from your body. When transporting or storing the chain saw always fit the guide bar cover.

- Proper handling of the chain saw will reduce the likelihood of accidental contact with the moving saw chain.
- Follow instructions for lubricating, chain tensioning and changing accessories. Improperly tensioned or lubricated chain may either break or increase the 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 chain saw for purposes not intended. For example: do not use chain saw for cutting plastic, masonry or non-wood building materials. Use of the chain saw for operations different than intended could result in a hazardous situation.

CAUSES AND OPERATOR PREVENTION OF KICKBACK

Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.

Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator.

Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator.

Either of these reactions may cause you to lose control of the saw which could result in serious personal injury. Do not rely exclusively upon the safety devices built into your saw. As a chain saw user, you should take several steps to keep your cutting jobs free from accident or injury.

Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

Maintain a firm grip, with thumbs and fingers encircling the chain saw 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 chain saw.

- Do not overreach and do not cut above shoulder height. This helps prevent unintended tip contact and enables better control of the chain saw in unexpected situations.
- Only use replacement bars and chains specified by the manufacturer. Incorrect replacement bars and chains may cause chain breakage and/or kickback.
- Follow the manufacturer's sharpening and maintenance instructions for the saw chain. Decreasing the depth gauge height can lead to increased kickback.
- Do not start cutting until you have a clear work area, secure footing, and a planned retreat path from the falling tree. Cluttered areas invite accidents.
- Keep ALL children, bystanders, visitors, and animals out of the work area while starting or cutting with the chain saw. Do not let visitors contact chain saw or extension cord.
- Do not operate chain saw in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Chain saws create sparks which may ignite the dust or fumes.
- Dress Properly Wear snug fitting clothing. Always wear heavy, long pants, long sleeves, overalls, jeans or chaps made of cut resistant material or ones that contain cut resistant inserts. Wear non-slip safety footwear. Wear non-slip heavy duty gloves to improve your grip and to protect your hands. Do not wear jewelry, short pants, sandals, or go barefoot. Do not wear loose fitting clothing, which could be drawn into the motor or catch the chain or underbrush. Secure hair so it is above shoulder level. Wear hearing and head protection.
- Heavy protective clothing may increase operator fatigue, which could lead to heat stroke. During weather that is hot and humid, heavy work should be scheduled for early morning or late afternoon hours when temperatures are cooler.
- Always wear eye protection with side shields marked to comply with ANSI Z87.1 as well as hearing and head protection when operating this equipment.

- Always be aware of what you are doing when using the chain saw. Use common sense. Do not operate the chain saw when you are tired, ill, upset, or under the influence of alcohol, drugs, or medication.
- Do not expose the chain saw to rain.
- Do not use the chain saw in damp or wet locations.
- Stay alert and pay attention to what you are doing. Use common sense when using this unit.
- Keep all parts of your body away from the saw chain when the unit is running.
- Never let anyone use your chain saw who has not received adequate instructions in its proper use. This applies to rentals as well as privately owned saws.
- Before you start the unit, make sure the saw chain is not contacting any object.
- Stop the chain saw before setting it down.
- To avoid accidental starting, never carry the unit with your finger on the switch trigger.
- Maintain the unit with care. Keep the cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories.
- Do not operate a chain saw with one hand! Use a firm grip with thumbs and fingers encircling the chain saw handles. Serious injury to the operator, helpers, bystanders, or any combination of these persons may result from one-handed operation. A chain saw is intended for two-handed use.
- Guard against electric shock Avoid body contact with grounded surfaces such as metal pipes and wire fences. There is an increased risk of electric shock if your body is grounded.
- Do not operate a chain saw that is damaged, improperly adjusted, or not completely and securely assembled. Chain should slow to a stop when the switch trigger is released. If the chain continues to turn after the switch trigger has been released, have the unit serviced by an authorized service center.

- Check for damaged parts. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions 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 otherwise indicated elsewhere in this manual.
- All chain saw service, other than the items listed in the operation and maintenance sections, should be performed by your an authorized service center.
- Always maintain a proper stance.
- Do not use chain saw if switch does not turn it on and off. Have defective switch replaced by an authorized service center.
- Do not adapt your powerhead to a bow guide or use it to power any attachments or devices not listed for the saw.
- Disconnect chain saw from power supply when not in use, before servicing, and when making adjustments and changing attachments, such as saw chain and guard.
- Do not cut vines and/or small underbrush.
- Do not operate a chain saw in a tree, on a ladder, rooftop, scaffold, or other unstable support; this is extremely dangerous.

NOTE: The size of the work area depends on the job being performed as well as the size tree or work piece involved. For example, felling a tree requires a larger work area than making bucking cuts.

- Do not force the chain saw. The job can be performed better and safer at the rate for which it was intended.
- Always use the right product for your application. The chain saw should be used for cutting wood only. Never use the chain saw to cut plastic, masonry or non-wood building materials.
- Store chain saw when not charging or when not in use. Chain saw should be stored in a dry and high or locked area out of the reach of children. When storing chain saw place the scabbard on the bar and chain.
- Use only with battery and charger listed. For use with 20V lithium-ion battery packs. See Tool/ Appliance/Battery Pack/Charger Correlation Supplement 990000811.
- 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 chain saw when not charging and before cleaning, servicing, storing, removing material from the unit, changing accessories such as the bar and chain, or when not in use.
- 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.

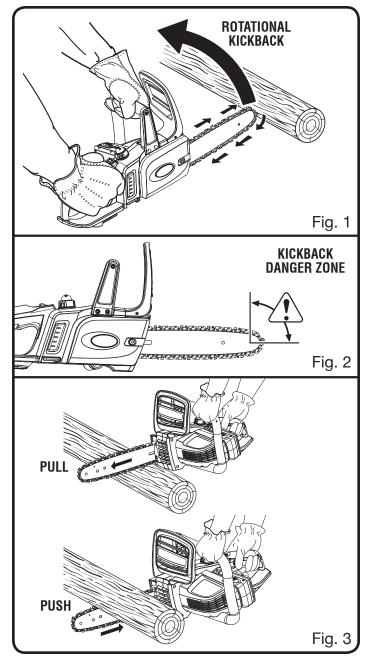
KICKBACK

See Figures 1 - 3.

■ WARNING: 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 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 lightning 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 chain saw user, you should take several steps to keep your cutting jobs free from accident or injury.

■ The following precautions should be followed to minimize kickback:

- Always grip the saw firmly with both hands. Hold the saw firmly with both hands when the unit is running. Place your right hand on the rear handle and your left hand on the front handle with your thumbs and fingers encircling the chain saw handles. A firm grip together with a stiff left arm will help you maintain control of the saw if kickback occurs.
- 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 that could be hit while you are operating the saw.
- Always cut with the unit running at full speed.
 Fully squeeze the throttle trigger and maintain a steady cutting speed.
- Use replacement parts such as low kickback chain, chain brakes and special guide bars that reduce the risks associated with rotational kickback. Use only the replacement guide bars and low kickback chains specified by the manufacturer for the saw.



- With a basic understanding of kickback, you can reduce or eliminate the element of surprise. Sudden surprise contributes to accidents.
- Keep proper footing and balance at all times.
- Do not cut above shoulder height or overreach when cutting.
- Follow the sharpening and maintenance instructions for the saw chain.

■ Push and Pull - This reaction force is always opposite to the direction the chain is moving where wood contact is made. Thus, the operator must be ready to control the PULL when cutting on the bottom edge of the bar, and PUSH when cutting along the top edge. See Figure 3.

UNDERSTANDING YOUR CHAIN SAW SAFETY DEVICES

LOW KICKBACK SAW CHAIN

The rakers (depth gauges) ahead of each cutter can minimize the force of a kickback reaction by preventing the cutters from digging in too deeply at the kickback zone. Only use replacement chain that is equivalent to original chain or has been certified as low kickback chain per ANSI B175.1.

Low kickback saw chain is chain that has met the kickback performance requirements of ANSI B175.1 (American National Standard for Power Tools - Gasoline-Powered Chain Saws-Safety Requirements) when tested on the representative sample of chain saws below 3.8 c.i.d. specified in ANSI B175.1.

As saw chains are sharpened during their useful life, they lose some of the low kickback qualities and extra caution should be used.

GUIDE BARS

Generally, guide bars with small radius tips have somewhat lower kickback potentials.

When making a replacement, be sure to order one of the bars listed for the saw in this operator's manual.

SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.				
SYMBOL	SIGNAL	MEANING		
A	DANGER:	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.		
A	WARNING:	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.		
A	CAUTION:	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.		
	NOTICE:	(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.

Wear Eye, Hearing, and Head Protection

Wear eye protection with side shields marked to comply with ANSI Z87.1 as well as hearing and head protection when operating this equipment.

Wet Conditions Alert

Operate With Two

Hands

One Handed

Hold and operate the saw properly with both hands.

Do not expose to rain or use in damp locations.

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	DESIGNATION/EXPLANATION
A XX	Kickback	DANGER! BEWARE OF KICKBACK.
	Bar Nose Contact	Avoid bar nose contact.
	Wear Gloves	Wear non-slip, heavy-duty protective gloves when handling the chain saw.
	Wear Safety Footwear	Wear non-slip safety footwear when using this equipment.
Malanam 50 15m	Keep Bystanders Away	Keep all bystanders and animals at least 50 ft. away.
RELYC R R R C L Los	Recycle Symbol	This product uses lithium-ion 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

Bucking

The process of cross cutting a felled tree or log into lengths.

Chain Saw Power Head

A chain saw without the saw chain and guide bar.

Clutch

A mechanism for connecting and disconnecting a driven member to and from a rotating source of power.

Drive Sprocket or Sprocket

The toothed part that drives the saw chain.

Felling

The process of cutting down a tree.

Felling Back Cut

The final cut in a tree felling operation made on the opposite side of the tree from the notching undercut.

Front Hand Guard

A structural barrier between the front handle of a chain saw and the guide bar, typically located close to the hand position on the front handle, and sometimes employed as an activating lever for a chain brake.

Front Handle

The support handle located at or toward the front of the chain saw. This handle is for the left hand.

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

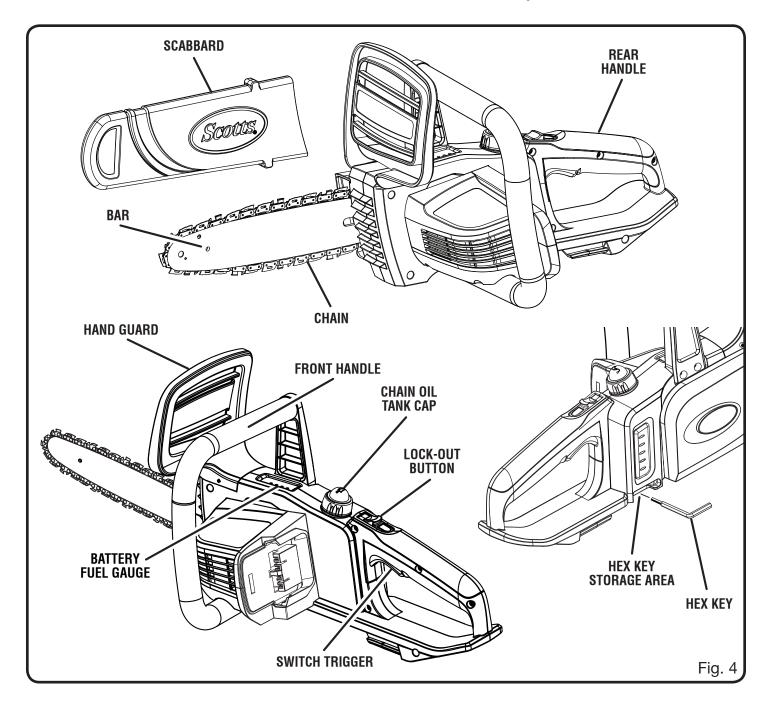
PRODUCT SPECIFICATIONS

Motor	20 Volt DC
Bar Length	10 in.
Chain Pitch	0.375 in.
Chain Gauge	0.043 in.
Chain Type	Low Profile

KNOW YOUR CHAINSAW

See Figure 4.

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.



ASSEMBLY

UNPACKING

This product has been shipped completely assembled.

■ 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 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 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

Chain Saw with 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.



A 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.



A WARNING:

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



A 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 chain 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 chain 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.



WARNING:

Never fell a tree or cut a log or limb that has a diameter greater that the length of the guide bar. Only properly trained professionals should perform these cuts. Performing these types of cuts can cause an accident and result in death or 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 and pruning branches from trees
- Felling small trees
- Bucking the fallen tree into shorter lengths

TO INSTALL / REMOVE BATTERY PACK See Figures 5 - 6.



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

NOTICE:

When placing battery pack in your chain saw, be sure raised rib on battery pack aligns with groove in chain 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.

To remove:

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

NOTE: It is not necessary to remove the battery pack from the tool to recharge.



WARNING:

If charging with the battery installed on the tool, make sure that charger is mounted high enough to prevent unauthorized activation of the tool. Unauthorized activation of the tool can result in serious personal injury.

- With the battery installed, place the tool in the wall-mounted 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.



WARNING:

When charging the battery while installed on the tool, always make sure to install the scabbard. Failure to do so could result in serious personal injury.

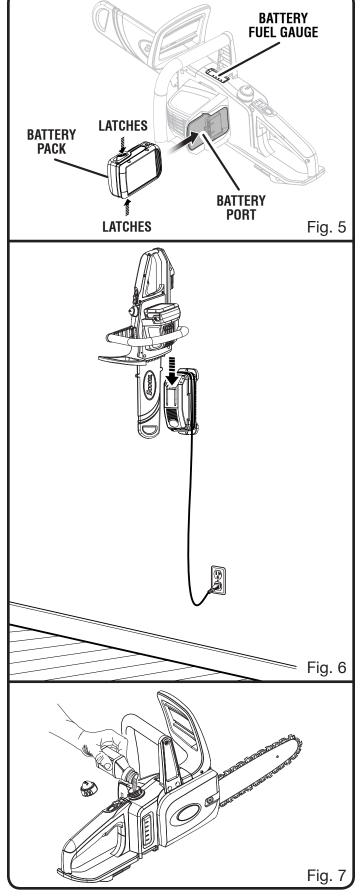
CHAIN OIL SYSTEM

See Figure 7.

NOTICE:

Fill oil tank with bar and chain lubricant (not provided) before starting the chain saw. Failure to lubricate the chain will cause damage to the bar and chain.

■ Use bar and chain lubricant formulated to perform over a wide temperature range with no dilution required.



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

- Carefully pour the bar and chain oil into the tank.
- Check and fill the oil tank when battery is recharged, or as needed.
- Depress the oil tank cap several times to pump the oil to the chain before starting the saw.
- Depress the oil tank cap every 20-30 seconds while cutting to keep the chain lubricated.

NOTE: It is normal for lubricant to seep from the saw when not in use. To prevent seepage, empty the oil tank after each use. 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 THE CHAIN SAW

See Figure 8.

A WARNING:

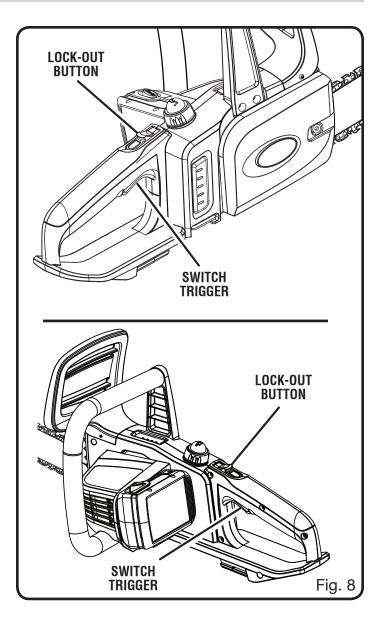
Keep body to the left of the chain line. Never straddle the saw or chain, or lean over past the chain line.

Starting the chain saw:

- Place the chain saw on a flat bare surface and make sure no objects or obstructions are in immediate vicinity which could come in contact with the bar and chain.
- Press and hold the lock-out button. This makes the switch trigger operational.
- Press and hold the switch trigger, release the lock-out button and continue to squeeze the switch trigger for continued operation.

Stopping the chain saw:

- Release the switch trigger to stop the chain saw.
- Upon release of the switch trigger, the lock-out button will be automatically reset to the lock position.



PREPARATION FOR CUTTING PROPER GRIP ON HANDLES

See Figures 9 - 11.

Refer to Important Safety Instructions earlier in this manual for appropriate safety equipment.

- Wear non-slip gloves for maximum grip and protection.
- Hold the saw firmly with both hands. Always keep your left hand on the front handle and your right hand on the rear handle so that your body is to the left of the chain line.

A WARNING:

Never use a left-handed (cross-handed) grip, or any stance which would place your body or arm across the chain line.

Maintain a proper grip on the saw whenever the unit is running. The fingers should encircle the handle and the thumb is wrapped under the handlebar. This grip is least likely to be broken (by a kickback or other sudden reaction of the saw). Any grip in which the thumb and fingers are on the same side of the handle, is dangerous because a slight kick of the saw can cause loss of control.



A WARNING:

Do not operate the switch trigger with your left hand and hold the front handle with your right hand. Never allow any part of your body to be in the chain line while operating a saw.

PROPER CUTTING STANCE

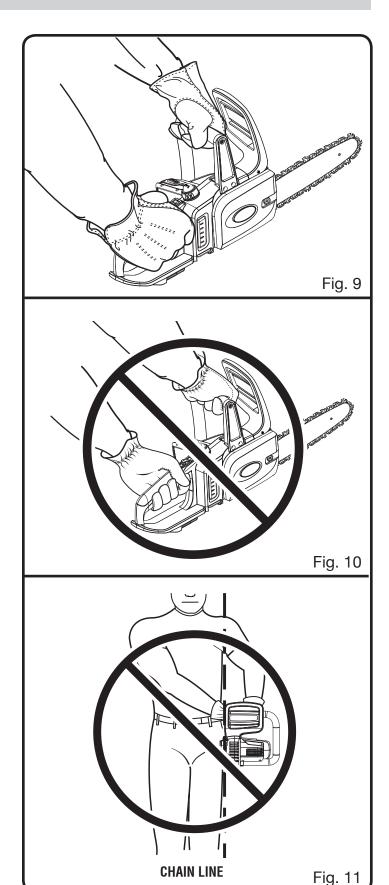
See Figure 12.

- Weight should be balanced with both feet on solid ground.
- Keep left arm with elbow locked in a "straight arm" position to withstand any kickback force.
- Your body should always be to the left of the chain line.
- Thumb should be on underside of handlebar.

BASIC CUTTING PROCEDURE

Practice cutting a few small logs using the following technique to get the "feel" of using the saw before you begin a major sawing operation.

- Take the proper stance in front of the wood with the saw off.
- Squeeze the switch trigger and let the chain accelerate to full speed before entering the cut.
- Begin cutting with the saw against the log.
- Keep the unit running the entire time you are cutting, maintain a steady speed.
- Allow the chain to cut for you; exert only light downward pressure. If you force the cut, damage to the bar, chain, or unit can result.



- Release the switch trigger as soon as the cut is completed, allowing the chain to stop. If you run the saw without a cutting load, unnecessary wear can occur to the chain, bar, and unit.
- Do not put pressure on the saw at the end of cut.

WORK AREA PRECAUTIONS

- Cut only wood or materials made from wood. no sheet metal, no plastics, no masonry, no non-wood building materials.
- Never allow children to operate the saw. Allow no person to use this chain saw who has not read this Operator's Manual or received adequate instructions for the safe and proper use of this chain saw.
- When felling a tree, keep everyone helpers, bystanders, children, and animals - a safe distance from the cutting area. During felling operations, the safe distance should be a least twice the height of the largest trees in the felling area. During bucking operations, keep a minimum distance of 15 feet between workers. Trees should not be felled in a manner that would endanger any person, strike any utility line or cause any property damage. If the tree does make contact with any utility line, the utility company should be notified immediately.
- Always cut with both feet on solid ground to prevent being pulled off balance.
- Do not cut above chest height, as a saw held higher is difficult to control against kickback forces.
- Do not fell trees near electrical wires or buildings. Leave this operation for professionals.
- Cut only when visibility and light are adequate for you to see clearly.

FELLING TREES

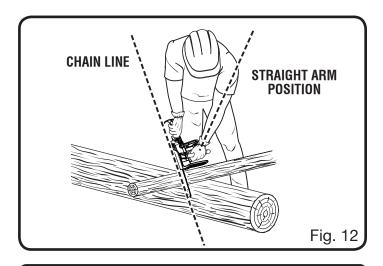
See Figures 13 - 16.

HAZARDOUS CONDITIONS



WARNING:

Do not fell trees during periods of high wind or heavy precipitation. Wait until the hazardous weather has ended.



WARNING:

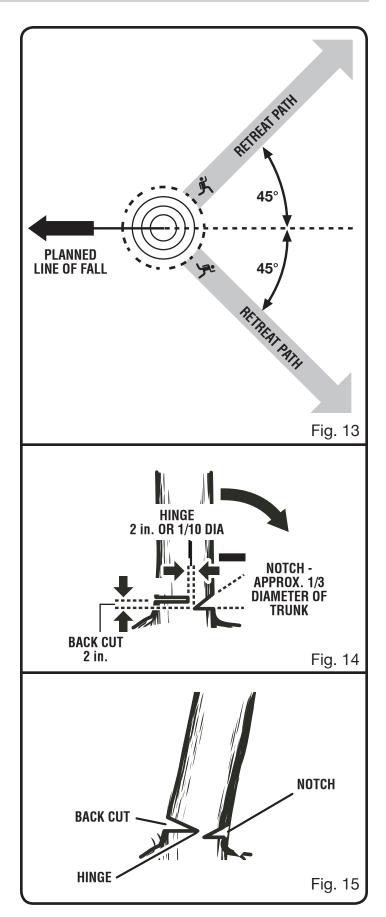
Closely check for broken or dead branches, which could fall while cutting and do not cut near buildings or electrical wires if you do not know the direction of tree fall. Do not cut at night or during bad weather conditions, such as rain, snow, or strong winds, which can reduce visibility and control of the chain saw. If the tree you are felling makes contact with any utility line, you should discontinue use of the chain saw and immediately notify the utility company. Failure to follow these instructions could result in death or serious personal injury.

When felling a tree, it is important that you follow these warnings and instructions to prevent possible serious injury.

- Do not cut down trees having an extreme lean or large trees with rotten limbs, loose bark, or hollow trunks. Have these trees pushed or dragged down with heavy equipment, then cut them up.
- Do not cut trees near electrical wires or buildings.
- Check the tree for damaged or dead branches that could fall and hit you during felling.
- Periodically glance at the top of the tree during the backcut to assure the tree is going to fall in the desired direction.
- If the tree starts to fall in the wrong direction, or if the saw gets caught or hung up during the fall, leave the saw and save yourself!
- Felling a tree When bucking and felling operations are being performed by two or more per-

sons, at the same time, the felling operation should be separated from the bucking operation by a distance of at least twice the height of the tree being felled. Trees should not be felled in a manner that would endanger any person, strike any utility line or cause any property damage. If the tree does make contact with any utility line, the utility company should be notified immediately.

- Before any cuts are started, pick your escape route (or routes in case the intended route is blocked); clear the immediate area around the tree and make sure there are no obstructions in your planned path of retreat. Clear paths of safe retreat should extend back and diagonally (45°) to the rear of the planned line of fall. When the tree begins to fall, you should retreat away from the direction of fall along a retreat path and at least 20 feet away from the trunk in case it kicks back over the stump. See Figure 13.
- Before felling is started, consider the force and direction of the wind, the lean and balance of the tree, and the location of large limbs. These things influence the direction in which the tree will fall. Do not try to fell a tree along a line different from its natural line of fall.
- The chain saw operator should keep on the uphill side of the terrain as the tree is likely to roll or slide downhill after it is felled.
- Remove dirt, stones, loose bark, nails, staples, and wire from the tree where felling cuts are to be made.
- Notched Undercut. Cut a notch about 1/3 the diameter of the tree, perpendicular to the direction of fall. Make the cuts of the notch so they intersect at a right angle to the line of fall. This notch should be cleaned out to leave a straight line. To keep the weight of the wood off the saw, always make the lower cut of the notch before the upper cut. See Figure 14.
- Felling Backcut. The backcut is always made level and horizontal, and at a minimum of 2 in. above the horizontal cut of the notch. See Figures 14 15.
- Never cut through to the notch. Always leave a band of wood between the notch and backcut (approximately 2 in. or 1/10 the diameter of the tree). This is called "hinge" or "hingewood." It controls the fall of the tree and prevents slipping or twisting or shoot-back of the tree off the stump. See Figures 14 15.



- On large diameter trees, stop the back cut before it is deep enough for the tree to either fall or settle back on the stump. Then insert soft wooden or plastic wedges into the cut so they do not touch the chain. The wedges can be driven in, little by little, to help jack the tree over. See Figure 16.
- As tree starts to fall, stop the chain saw and put it down immediately. Retreat along the cleared path, but watch the action in case something falls your way. Be alert for overhead limbs or branches that may fall and watch your footing.

A WARNING:

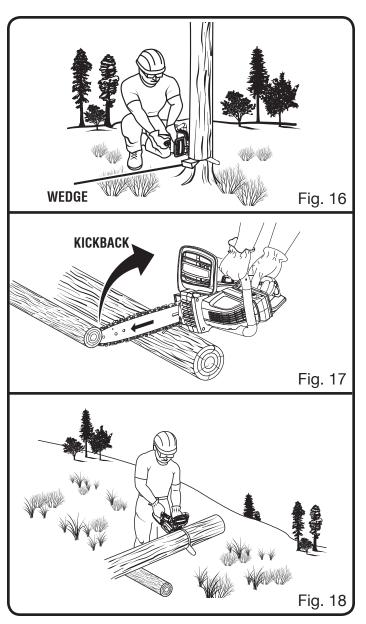
Never cut through to the notch when making a backcut. The hinge controls the fall of the tree, this is the section of wood between the notch and backcut.

BUCKING

See Figures 17 - 20.

Bucking is the term used for cutting a fallen tree to the desired log length.

- Always make sure your footing is secure and your weight is distributed evenly on both feet.
- Cut only one log at a time.
- Support small logs on a saw horse or another log while bucking.
- Keep a clear cutting area. Make sure that no objects can contact the guide bar nose and chain during cutting, this can cause kickback. Refer to Precautions Against Kickback earlier in this manual.
- When bucking on a slope, always stand on the uphill side of the log. To maintain complete control of the chain saw when cutting through the log, release the cutting pressure near the end of the cut without relaxing your grip on the chain saw handles. Do not let the chain contact the ground. After completing the cut, wait for the saw chain to stop before you move the chain saw. Always stop the motor before moving from tree to tree.
- Sometimes it is impossible to avoid pinching (with just standard cutting techniques) or difficult to predict which way a log will settle when cut. To avoid pinching while cutting, rotate or move the log so that the pinch is eliminated.



BUCKING LOGS UNDER STRESS

See Figures 19 - 20.

When the log is supported along its entire length, it should be cut from the top or overbucking.

When the log is supported on one end, cut 1/3 the diameter from the underside or underbucking. Then make the finishing cut by overbucking to meet the first cut.

As the log is being cut, it will tend to bend. The saw can become pinched or hung in the log if you make the first cut deeper than 1/3 of the diameter of the log.

Give special attention to logs under stress to prevent the bar and chain from pinching.

When bucking on a slope, always stand on the uphill side of the log as shown in figure 18. When "cutting

through," to maintain complete control of the chain saw, release the cutting pressure near the end of the cut without relaxing your grip on the chain saw handles. Do not let the chain contact the ground. After completing the cut, wait for the saw chain to stop before you move the chain saw. Always stop the motor before moving from tree to tree.

TYPES OF CUTTING USED

See Figure 20.

OVERBUCKING

Begin on the top side of the log with the bottom of the saw against the log; exert light pressure downward. Note that the saw will tend to pull away from you.

UNDERBUCKING

Begin on the under side of the log with the top of the saw against the log; exert light pressure upward. During underbucking, the saw will tend to push back at you. Be prepared for this reaction and hold the saw firmly to maintain control.



A WARNING:

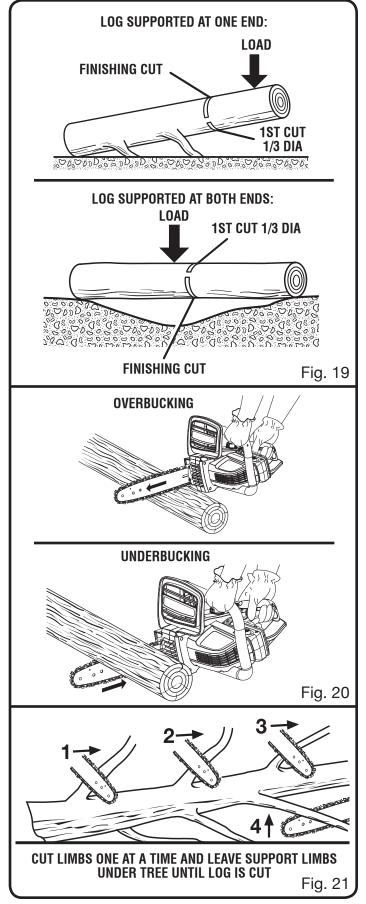
Never climb into a tree to limb or prune. Do not stand on ladders, platforms, a log, or in any position which can cause you to lose your balance or control of the saw and cause death or serious personal injury.

LIMBING

See Figure 21.

Limbing is removing branches from a fallen tree.

- Work slowly, keeping both hands on the chain saw with a firm grip. Always make sure your footing is secure and your weight is distributed evenly on both feet.
- Leave the larger support limbs under the tree to keep the tree off the ground while cutting.
- Limbs should be cut one at a time. Remove the cut limbs from the work area often to help keep the work area clean and safe.
- Branches under tension should be cut from the bottom up to avoid binding the chain saw.
- Keep the tree between you and the chain saw while limbing. Cut from the side of the tree opposite the branch you are cutting.



PRUNING

See Figure 22.

Pruning is trimming limbs from a live tree.

- Work slowly, keeping both hands on the chain saw with a firm grip. Always make sure your footing is secure and your weight is distributed evenly on both feet.
- Do not cut from a ladder, this is extremely dangerous. Leave this operation for professionals.
- Do not cut above chest height as a saw held higher is difficult to control against kickback.
- When pruning trees it is important not to make the finishing cut next to the main limb or trunk until you have cut off the limb further out to reduce the weight. This prevents stripping the bark from the main member.
- Underbuck the branch 1/3 through for your first cut.
- Your second cut should overbuck to drop the branch off.
- Now make your finishing cut smoothly and neatly against the main member so the bark will grow back to seal the wound.



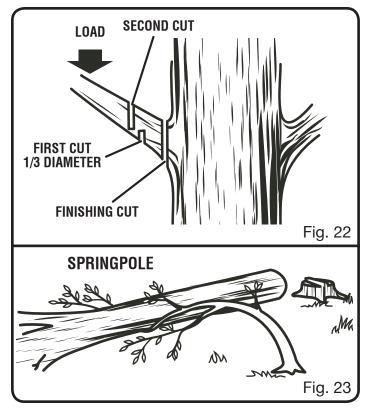
WARNING:

If the limbs to be pruned are above chest height, hire a professional to perform the pruning.

SPRINGPOLES

See Figure 23.

A springpole is any log, branch, rooted stump, or sapling which is bent under tension by other wood so that it springs back if the wood holding it is cut or removed. On a fallen tree, a rooted stump has



a high potential of springing back to the upright position during the bucking cut to separate the log from the stump. Watch out for springpoles, they are dangerous.



WARNING:

Springpoles are dangerous and could strike the operator, causing the operator to lose control of the chain saw. This could result in severe or fatal injury to the operator.



A 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 hearing and head protection. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.



WARNING:

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

GENERAL MAINTENANCE

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.

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.

Only the parts shown on the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at an Authorized Service Center.

RECOMMENDED REPLACEMENT BAR AND CHAIN COMBINATIONS

Bar Part Number	Chain Part Number
671256009	693814001

REPLACING BAR AND CHAIN

See Figures 24 - 28.



WARNING:

Remove the battery pack from the chain saw and make sure the chain has stopped before you do any work on the saw. Failure to do so may result in accidental starting and possible serious injury.



A WARNING:

The safety instructions in this section are to protect the user from serious personal injury.



A CAUTION:

Always wear gloves when handling the bar and chain; these components are sharp and may contain burrs.



WARNING:

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 to avoid possible serious lacerations.

- Remove the battery pack before you do any work on the chain saw.
- Remove the hex key from the storage area and use it to remove the chain cover screw, washer and chain cover from the chain saw.
- Remove the bar and chain from mounting surface.
- Remove the old chain from the bar.
- Lay out the new saw chain in a loop and straighten any kinks. The cutters should face in the direction of chain rotation. If they face the opposite direction, turn the loop over.
- Place the chain drive links into the bar groove. Position the chain so there is a loop at the back of the bar. Hold the chain in position on the bar

and place the loop around the sprocket of the chain saw. Fit the bar flush against the mounting surface so that the bar stud is in the long slot of the bar.

NOTE: When placing the bar on the bar stud, assure that the adjusting pin is in the chain tension pin hole.

- Replace the chain cover, washer and chain cover screw. Tighten the chain cover screw finger tight only. The bar must be free to move for tension adjustment.
- Remove all the slack from the chain by turning the chain tensioning screw clockwise until the chain seats snugly against the bar with the drive links in the bar groove.
- Lift the tip of the guide bar up to check for sag. Release the tip of the guide bar and turn the chain tensioning screw 1/2 turn clockwise. Repeat this process until sag does not exist.
- Hold the tip of the guide bar up and tighten the bar mounting screw securely.
- Chain is correctly tensioned when there is no sag on the underside of the guide bar, the chain is snug, but it can be turned by hand without binding.

NOTE: If chain is too tight, it will not rotate. Loosen the chain cover screw slightly and turn tension adjuster 1/4 turn counterclockwise. Lift the tip of the guide bar up and retighten chain cover screw securely. Assure that the chain will rotate without binding.

■ Place the hex key back into the storage area.

CHAIN TENSION

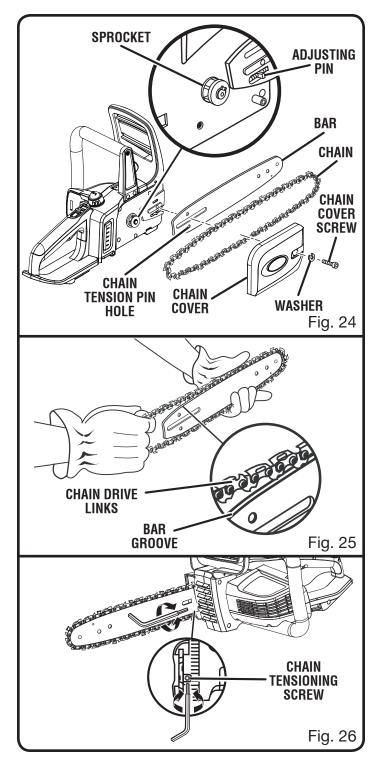
See Figures 29 - 30.



WARNING:

Never touch or adjust the chain while the motor is running. The saw chain is very sharp. Always wear protective gloves when performing maintenance on the chain.

- Remove the battery pack before you do any work on the chain saw.
- Make sure the guide bar screw is loosened to finger tight, turn the chain tensioner clockwise to tension the chain. Refer to Replacing Bar



and Chain earlier in this manual for additional information.

■ 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 saw 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.

NOTICE:

Chain tensioned while warm, may be too tight upon cooling. Check the "cold tension" before next use.

CHAIN MAINTENANCE

See Figures 31 - 32.



WARNING:

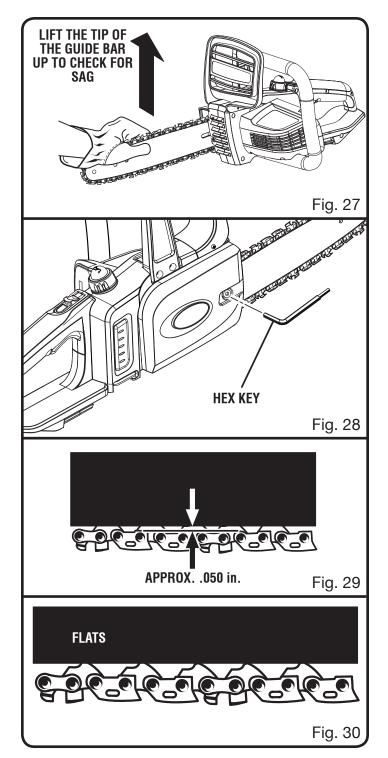
Remove the battery pack and make sure the chain has stopped before you do any work on the saw.

Use only low-kickback chain on this saw. This fast-cutting chain will provide kickback reduction when properly maintained.

For smooth and fast cutting, chain needs to be maintained properly. The chain requires sharpening when the wood chips are small and powdery, the chain must be forced through the wood during cutting, or the chain cuts to one side. During maintenance of your chain, consider the following:

- Improper filing angle of the side plate can increase the risk of a severe kickback.
- Raker (depth gauge) clearance.
- Too low increases the potential for kickback.
- Not low enough decreases 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.

NOTE: Inspect the drive sprocket for wear or damage when replacing the chain. If signs of wear or damage are present in the areas indicated, have the drive sprocket replaced by an authorized service center.



HOW TO SHARPEN THE CUTTERS

See Figures 33 - 34.

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.

- Wear gloves for protection. Properly tension the chain prior to sharpening. Refer to Chain Tension Section earlier in this manual. Do all of your filing at the mid-point of the bar.
- 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.



WARNING:

Improper chain sharpening increases the potential of kickback.



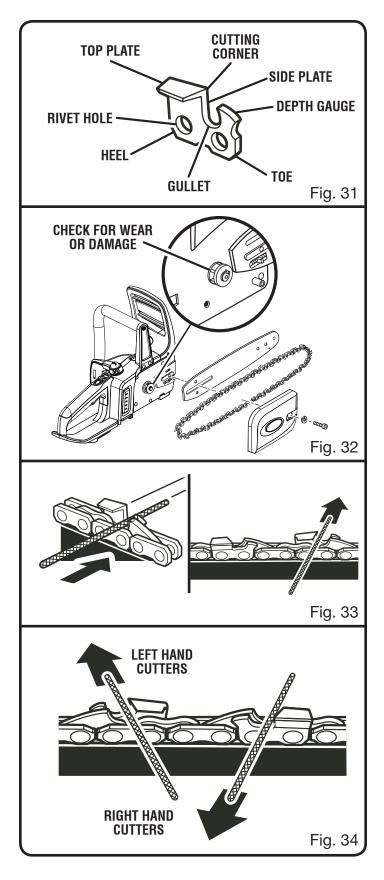
WARNING:

Failure to replace or repair damaged chain can cause serious injury.



WARNING:

The saw chain is very sharp, always wear protective gloves when performing maintenance to the chain.



TOP PLATE FILING ANGLE

See Figure 35.

- CORRECT 30° File holders are marked with guide marks to align file properly to produce correct top plate angle.
- LESS THAN 30° For Cross Cutting.
- MORE THAN 30° Feathered Edge Dulls Quickly.

SIDE PLATE ANGLE

See Figure 36.

- CORRECT 80° Produced automatically if correct diameter file is used in file holder.
- HOOK "Grabs" and dulls quickly. Increases potential of **KICKBACK**.
 - Results from using a file with diameter too small, or file held too low.
- BACKWARD SLOPE Needs too much feed pressure, causes excessive wear to bar and chain.

Results from using a file with diameter too large, or file held too high.

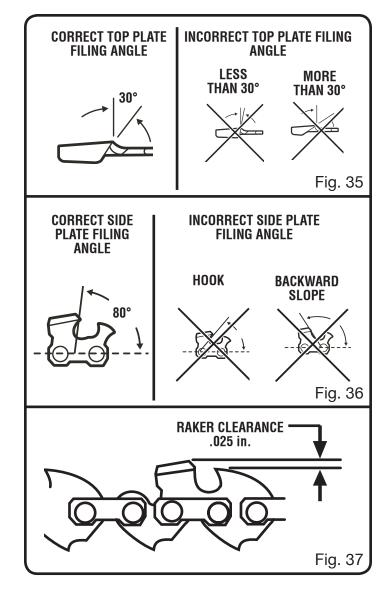
DEPTH GAUGE CLEARANCE

See Figures 37 - 39.

- The depth gauge should be maintained at a clearance of .025 in. Use a depth gauge tool for checking the depth gauge clearances.
- Every time the chain is filed, check the depth gauge clearance.

Use a flat file and a depth gauge jointer to lower all gauges uniformly. Depth gauge jointers are available in .020 in. to .035 in. Use a .025 in. depth gauge jointer. After lowering each depth gauge, restore original shape by rounding the front. Be careful not to damage adjoining drive links with the edge of the file.

Depth gauges must be adjusted with the flat file in the same direction the adjoining cutter was filed with the round file. Use care not to contact cutter face with flat file when adjusting depth gauges.



GUIDE BAR MAINTENANCE

See Figure 40.

When the guide bar shows signs of wear, reverse it on the saw to distribute the wear for maximum bar life. The bar should be cleaned every day of use and checked for wear and damage.

Feathering or burring of the bar rails is a normal process of bar wear. Such faults should be smoothed with a file as soon as they occur.

A bar with any of the following faults should be replaced.

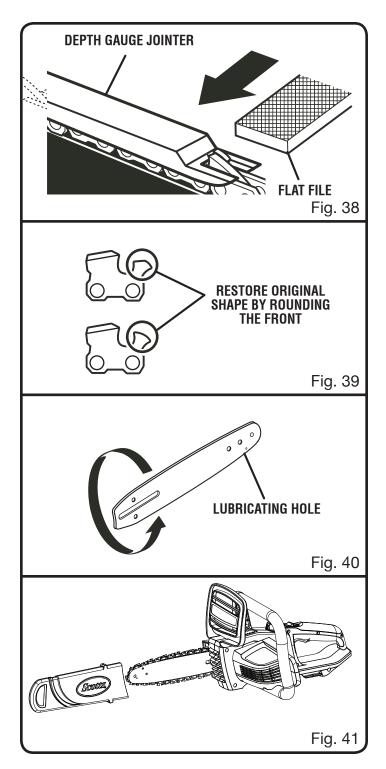
- Wear inside the bar rails which permits the chain to lay over sideways.
- Bent guide bar.
- Cracked or broken rails.
- Spread rails.

In addition, guide bars with a sprocket at their tip must be lubricated weekly with a grease syringe to extend the guide bar life. Using a grease syringe, lubricate weekly in the lubricating hole.

Turn the guide bar and check that the lubrication holes and chain groove are free from impurities.

TRANSPORTING AND STORINGSee Figure 41.

- Do not store or transport the chain saw when it is running. The chain saw should always be idle before storing or transporting.
- Always place the guide bar scabbard on the bar and chain before storing or transporting the chain saw. Use caution to avoid the sharp teeth of the chain.
- Remove the battery pack, then clean the chain saw thoroughly before storing. Store both the chain saw and the battery pack indoors in a dry place that is locked and/or inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and de-icing salts.



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Bar and chain running hot and smoking	Check chain tension for over tight condition.	Tension chain. Refer to Chain Tension earlier in this manual.
	Chain oil tank empty.	Check oil tank.
Motor runs, but chain is not rotating	Chain tension too tight.	Retension chain, Refer to Chain Tension earlier in this manual.
	Check guide bar and chain assembly.	Refer to Replacing Bar and Chain 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.



OPERATOR'S MANUAL

MANUEL D'UTILISATION / MANUAL DEL OPERADOR

20 Volt Chain Saw

Scie à chaîne 20 v Motosierra de 20 V S20500

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



A 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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OWT INDUSTRIES, INC.

P.O. Box 35, Highway 8 Pickens, SC 29671 USA 1-877-243-2774 ♦ www.scotts.com

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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 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 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 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 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 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 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.