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Pour toute question ou tout commentaire, nous contacter.
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**INSTRUCTION MANUAL
GUIDE D'UTILISATION
MANUAL DE INSTRUCCIONES**

INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA. **ADVERTENCIA:** LÉASE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.

DEWALT®

**DCCS690 40V Max* Lithium Chainsaw
DCCS690 40V Max* Scie á chaîne de litho
DCCS690 40V Max* Sierra de cadena au lithium-ion**

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

⚠DANGER: Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.

⚠WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

⚠CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

NOTICE: Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DEWALT TOOL, CALL US TOLL FREE AT: **1-800-4-DEWALT (1-800-433-9258)**.



WARNING: To reduce the risk of injury, read the instruction manual.

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.

1) WORK AREA SAFETY

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.

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

2) ELECTRICAL SAFETY

- a) **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.
- b) **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.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **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.
- e) **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.
- f) **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.

3) PERSONAL SAFETY

- a) **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.

- b) **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.
- c) **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 energizing power tools that have the switch on invites accidents.
- d) **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.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4) POWER TOOL USE AND CARE

- a) **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.
- b) **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.
- c) **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.

- d) **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.
- e) **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.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **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.

5) BATTERY TOOL USE AND CARE

- a) **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.
- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **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.
- d) **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.

6) SERVICE

- a) **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.

Chainsaw safety warnings:

- **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 fibers 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.*

The Following Precautions Should Be Followed to Minimize Kickback:

- (1.) Grip Saw Firmly. Hold the chain saw firmly with both hands when the motor is running. Use a firm grip with thumbs and fingers encircling the chain saw handles. Chain saw will pull forward when cutting on the bottom edge of the bar, and push backward when cutting along the top edge of the bar.
- (2.) Do not over reach.
- (3.) Keep proper footing and balance at all times.
- (4.) Don't let the nose of the guide bar contact a log, branch, ground or other obstruction.
- (5.) Don't cut above shoulder height.
- (6.) Use devices such as low kickback chain and reduced kickback guide bars that reduce the risks associated with kickback.
- (7.) Only use replacement bars and chains specified by the manufacturer or the equivalent.
- (8.) Never let the moving chain contact any object at the tip of the guide bar.
- (9.) Keep the working area free from obstructions such as other trees, branches, rocks, fences, stumps, etc. Eliminate or avoid any obstruction that your saw chain could hit while you are cutting through a particular log or branch.

(10.) Keep your saw chain sharp and properly tensioned. A loose or dull chain can increase the chance of kickback. Check tension at regular intervals with the motor stopped and tool unplugged, never with the motor running.

(11.) Begin and continue cutting only with the chain moving at full speed. If the chain is moving at a slower speed, there is a greater chance for kickback to occur.

(12.) Cut one log at a time.

(13.) Use extreme caution when re-entering a previous cut. Engage ribbed bumpers into wood and allow chain to reach full speed before proceeding with cut.

(14.) Do not attempt plunge cuts or bore cuts.

(15.) Watch for shifting logs or other forces that could close a cut and pinch or fall into chain.

Kickback Safety Features

⚠ WARNING: The following features are included on your saw to help reduce the hazard of kickback; however such features will not totally eliminate this dangerous reaction. As a chain saw user do not rely only on safety devices. You must follow all safety precautions, instructions, and maintenance in this manual to help avoid kickback and other forces which can result in serious injury.

- **Reduced-Kickback Guide Bar**, designed with a small radius tip which reduces the size of the kickback danger zone on bar tip. A reduced - kickback guide bar is one which has been demonstrated to significantly reduce the number and seriousness of kickbacks when tested in accordance with safety requirements for electric chain saws.
- **Low-Kickback Chain**, designed with a contoured depth gauge and guard link which deflect kickback force and allow wood to gradually ride into the cutter. A low-kickback chain is a chain which has met kickback performance requirements of ANSI B175.1-2012.
- **Do not operate chain saw while in a tree, on a ladder, on a scaffold, or from any unstable surface.**
- **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden**

wiring. Contact with a “live” wire will make exposed metal parts of the tool “live” and shock the operator.

- **Do not attempt operations beyond your capacity or experience.** Read thoroughly and understand completely all instructions in this manual.
- **Before you start chain saw,** make sure saw chain is not contacting any object.
- **Do not operate a chain saw with one hand! Serious injury to the operator, helpers, or bystanders may result from one handed operation.** A chain saw is intended for two-handed use only.
- **Keep the handles dry, clean, and free of oil or grease.**
- **Do not allow dirt, debris, or sawdust to build up on the motor or outside air vents.**
- **Stop the chain saw before setting it down.**
- **Do not cut vines and/or small under brush.**
- **Use extreme caution when cutting small size brush and saplings** because slender material may catch the saw chain and be whipped toward you or pull you off balance.

⚠ WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

- **Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water.** Allowing dust to get into your mouth, eyes, or

lay on the skin may promote absorption of harmful chemicals.

⚠ WARNING: Use of this tool can generate and/or disburse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

Chain Saw Names and Terms

- **Bucking** - The process of cross cutting a felled tree or log into lengths.
- **Motor Brake** - A device used to stop the saw chain when the trigger is released.
- **Chain Saw Powerhead** - A chain saw without the saw chain and guide bar.
- **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 cut.
- **Front Handle** - The support handle located at or toward the front of the chain saw.
- **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.
- **Guide Bar** - A solid railed structure that supports and guides the saw chain.
- **Guide Bar Scabbard** - Enclosure fitted over guide bar to prevent tooth contact when saw is not in use.
- **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.

- **Limbing** - Removing the branches from a fallen tree
- **Low-Kickback Chain** - A chain that complies with the kickback performance requirements of ANSI B175.1-2012 (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.
- **Rear Handle** - The support handle located at or toward the rear of the saw.
- **Reduced Kickback Guide Bar** - A guide bar which has been demonstrated to reduce kickback significantly.
- **Replacement Saw Chain** - A chain that complies with kickback performance requirements of ANSI B175.1-2000 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.
- **Ribbed Bumper** - The ribs used when felling or bucking to pivot the saw and maintain position while sawing.
- **Switch** - 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 Lockout** - A movable stop that prevents the unintentional operation of the switch until manually actuated.

Intended Use

Your DEWALT DCCS690 Chainsaw is ideal for pruning applications and cutting logs up to 14" inches (355 mm) in diameter.

- The label on your tool may include the following symbols. The symbols and their definitions are as follows:

V.....	volts		Use proper respiratory protection
A.....	amperes		
Hz.....	hertz		Use proper hearing protection
W.....	watts		Use proper eye protection
min	minutes		
~ or AC.....	alternating current		Rotational direction of the saw chain
— or DC...	direct current		
	Class I Construction (grounded)		Contact of the guide bar tip with any object should be avoided
n ₀	no load speed		
	Class II Construction (double insulated)		Tip contact can cause the guide bar to move suddenly upward and backward, which can cause serious injury
.../min	per minute		
RPM	revolutions per minute		
	earthing terminal		Always use two hands when operating the chainsaw
	safety alert symbol		
CSPM.....	cut strokes per minute		
	Read instruction manual before use		

SAVE THESE INSTRUCTIONS

Important Safety Instructions for All Battery Packs

When ordering replacement battery packs, be sure to include the catalog number and voltage. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below and then follow charging procedures outlined.

READ ALL INSTRUCTIONS

- **Do not charge or use the battery pack in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Inserting or removing the battery pack from the charger may ignite the dust or fumes.
- **NEVER force the battery pack into the charger. DO NOT modify the battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury.** Consult the chart at the end of this manual for compatibility of batteries and chargers.
- Charge the battery packs only in designated DEWALT chargers.
- **DO NOT** splash or immerse in water or other liquids. If appliance does get wet, allow to dry for a minimum of 48 hours before using.
- **Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 105 °F (40 °C) (such as outside sheds or metal buildings in summer).** For best life store battery packs in a cool, dry location.

NOTE: Do not store the battery packs in a tool with the trigger switch locked on. Never tape the trigger switch in the ON position.

▲WARNING: Fire hazard. Never attempt to open the battery pack for any reason. If the battery pack case is cracked or damaged, do not insert into the charger. Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has

received a sharp blow, been dropped, run over or damaged in any way (e.g., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to the service center for recycling.

▲WARNING: Fire hazard. Do not store or carry the battery pack so that metal objects can contact exposed battery terminals. For example, do not place the battery pack in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc. **Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like.** The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting batteries in commerce or on airplanes (e.g., packed in suitcases and carry-on luggage) UNLESS they are properly protected from short circuits. So when transporting individual battery packs, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

Transportation

Your DEWALT batteries comply with all applicable shipping regulations as prescribed by industry and legal standards, including UN Recommendations on the Transport of Dangerous Goods; International Air Transport Association (IATA) Dangerous Goods Regulations, International Maritime Dangerous Goods (IMDG) Regulations, and U.S. Department of Transportation Regulations. Lithium-ion cells and batteries have been tested to section 38.3 of the UN Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria.

The shipping or transportation of the battery in this product is restricted and may be classified as a Class 9 Hazardous material.

SHIPPING BY AIRPLANE (BY AIR) OR SHIP (BY SEA)

- Contact your carrier for up to date instructions. Have your contents (including the battery) with you when contacting them. The specifications written on them will be needed to prepare them for shipment, pack them in a compliant box, and properly label the box.

SHIPPING BY GROUND (HIGHWAY OR RAIL)

- The original product box and its packing material can be used for shipping by ground within the United States and Canada with the following stipulations:
 1. The battery and all other contents must be in their original packing materials and arranged as received (including the battery in its original plastic bag and battery box).
 2. The original product box and all other packing materials must be undamaged.
 3. The shipment must include a document which contains the following:
 - The package contains lithium-ion cells or batteries.
 - The package must be handled with care and that a flammability hazard exists if the package is damaged.
 - Special procedures should be followed in the event the package is damaged, to include inspection and repacking if necessary.
 - The telephone numbers for additional information (US and Canada 1-888-698-2571, Elsewhere +1-410-329-9200).
 - To ship by ground in a generic box, contact your carrier for up to date instructions. Have your contents (including the battery) with you when contacting them. The specifications written on them will be needed to prepare them for shipment, pack them in a compliant box, and properly label the box.

It is forbidden to fly with these batteries even if the batteries are in checked baggage.

The information provided in this section of the manual is provided in good faith and believed to be accurate at the time the document was created. However, no warranty, expressed or implied, is given. The shipper is responsible to comply with the applicable regulations.

SPECIFIC SAFETY INSTRUCTIONS FOR LITHIUM ION (Li-Ion)

- ***Do not incinerate the battery pack even if it is severely damaged or is completely worn out.*** The battery pack can explode in a fire. Toxic fumes and materials are created when lithium ion battery packs are burned.
- ***If battery contents come into contact with the skin, immediately wash area with mild soap and water.*** If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.
- ***Contents of opened battery cells may cause respiratory irritation.*** Provide fresh air. If symptoms persist, seek medical attention.

⚠ WARNING: Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

The RBRC™ Seal

The RBRC™ (Rechargeable Battery Recycling Corporation) Seal on the nickel cadmium, nickel metal hydride or lithium ion batteries (or battery packs) indicate that the costs to recycle these batteries (or battery packs) at the end of their useful life have already been paid by DEWALT. In some areas, it is illegal to place spent nickel cadmium, nickel metal hydride or lithium ion batteries in the trash or municipal solid waste stream and the RBRC program provides an environmentally conscious alternative.

RBRC™, in cooperation with DEWALT and other battery users, has established programs in the United States and Canada to facilitate the collection of spent nickel cadmium, nickel metal hydride or lithium ion batteries. Help protect our environment and conserve natural resources by returning the spent nickel cadmium, nickel metal hydride or lithium ion batteries to an authorized DEWALT service center or



to your local retailer for recycling. You may also contact your local recycling center for information on where to drop off the spent battery. RBRC™ is a registered trademark of the Rechargeable Battery Recycling Corporation.

Important Safety Instructions for All Battery Chargers

SAVE THESE INSTRUCTIONS: This manual contains important safety and operating instructions for battery chargers.

- Before using the charger, read all instructions and cautionary markings on the charger, battery pack and product using the battery pack.

⚠ WARNING: Shock hazard. Do not allow any liquid to get inside the charger. Electric shock may result.

⚠ CAUTION: Burn hazard. To reduce the risk of injury, charge only DEWALT rechargeable battery packs. Other types of batteries may overheat and burst resulting in personal injury and property damage.

NOTICE: Under certain conditions, with the charger plugged into the power supply, the charger can be shorted by foreign material. Foreign materials of a conductive nature, such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil or any buildup of metallic particles should be kept away from the charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.

- DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.** The charger and battery pack are specifically designed to work together.
- These chargers are not intended for any uses other than charging DEWALT rechargeable batteries.** Any other uses may result in risk of fire, electric shock or electrocution.

- Do not expose the charger to rain or snow.**
- Pull by the plug rather than the cord when disconnecting the charger.** This will reduce the risk of damage to the electric plug and cord.
- Make sure that the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.**
- Do not use an extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock or electrocution.
- When operating a charger outdoors, always provide a dry location and use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety.** The smaller the gauge number of the wire, the greater the capacity of the cable, that is, 16 gauge has more capacity than 18 gauge. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The lower the gauge number, the heavier the cord.

Minimum Gauge for Cord Sets						
Ampere Rating		Volts	Total Length of Cord in Feet (meters)			
		120V	25 (7.6)	50 (15.2)	100 (30.5)	150 (45.7)
		240V	50 (15.2)	100 (30.5)	200 (61.0)	300 (91.4)
More Than	Not More Than	AWG				
0	6		18	16	16	14
6	10		18	16	14	12
10	12		16	16	14	12
12	16		14	12	Not Recommended	

- **Do not place any object on top of the charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat.** Place the charger in a position away from any heat source. The charger is ventilated through slots in the top and the bottom of the housing.
- **Do not operate the charger with a damaged cord or plug.**
- **Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way.** Take it to an authorized service center.
- **Do not disassemble the charger; take it to an authorized service center when service or repair is required.** Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- **Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock.** Removing the battery pack will not reduce this risk.
- **NEVER** attempt to connect 2 chargers together.
- **The charger is designed to operate on standard 120V household electrical power. Do not attempt to use it on any other voltage.**

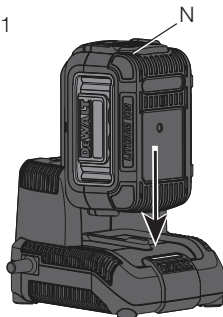
Chargers

Your tool uses a DEWALT charger. Be sure to read all safety instructions before using your charger. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

Charging Procedure (Fig. 1)

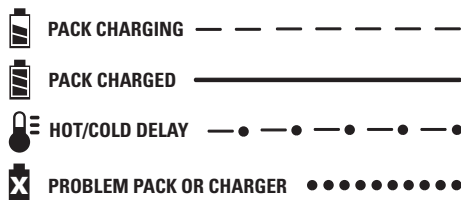
1. Plug the charger into an appropriate outlet before inserting the battery pack.

FIG. 1



2. Insert the battery pack (N) into the charger, as shown in **figure 1**, making sure the pack is fully seated in charger. The red (charging) light will blink continuously, indicating that the charging process has started.
3. The completion of charge will be indicated by the red light remaining ON continuously. The pack is fully charged and may be used at this time or left in the charger.

Indicator Light Operation



Charge Indicators

This charger is designed to detect certain problems that can arise. Problems are indicated by the red light flashing at a fast rate. If this occurs, remove and then reinsert the battery pack into the charger. If the problem persists, try a different battery pack to determine if the charger is working properly. If the new pack charges correctly, then the original pack is defective and should be returned to a service center or other collection site for recycling. If the new battery pack elicits the same trouble indication as the original, have the charger and the battery pack tested at an authorized service center.

HOT/COLD DELAY

This charger has a hot/cold delay feature: when the charger detects a battery that is hot, it automatically starts a delay, suspending charging until the battery has cooled. After the battery has cooled, the charger

automatically switches to the pack charging mode. This feature ensures maximum battery life. The red light flashes long, then short while in the hot/cold delay mode.

LEAVING THE BATTERY PACK IN THE CHARGER

The charger and battery pack can be left connected with the charge indicator showing Pack Charged.

WEAK BATTERY PACKS: Weak batteries will continue to function but should not be expected to perform as much work.

FAULTY BATTERY PACKS: This charger will not charge a faulty battery pack. The charger will indicate faulty battery pack by refusing to light or by displaying problem pack or charger.

NOTE: This could also mean a problem with a charger.

Important Charging Notes

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65 °F and 75 °F (18 °–24 °C). DO NOT charge the battery pack in an air temperature below +40 °F (+4.5 °C), or above +105 °F (+40.5 °C). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to the touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed or an uninsulated trailer.
3. A cold battery pack will charge at about half the rate of a warm battery pack. The battery pack will charge at that slower rate throughout the entire charging cycle and will not return to maximum charge rate even if the battery pack warms.
4. If the battery pack does not charge properly:
 - a. Check operation of receptacle by plugging in a lamp or other appliance;

- b. Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights;
 - c. Move the charger and battery pack to a location where the surrounding air temperature is approximately 65 °F–75 °F (18 °–24 °C);
 - d. If charging problems persist, take the tool, battery pack and charger to your local service center.
5. The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse effect on the battery pack.
 6. Foreign materials of a conductive nature such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.
 7. Do not freeze or immerse the charger in water or any other liquid.

⚠ WARNING: *Shock hazard. Don't allow any liquid to get inside the charger. Electric shock may result.*

⚠ WARNING: *Burn hazard. Do not submerge the battery pack in any liquid or allow any liquid to enter the battery pack. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.*

Storage Recommendations

1. The best storage place is one that is cool and dry, away from direct sunlight and excess heat or cold.

2. For long storage, it is recommended to store a fully charged battery pack in a cool dry place out of the charger for optimal results.

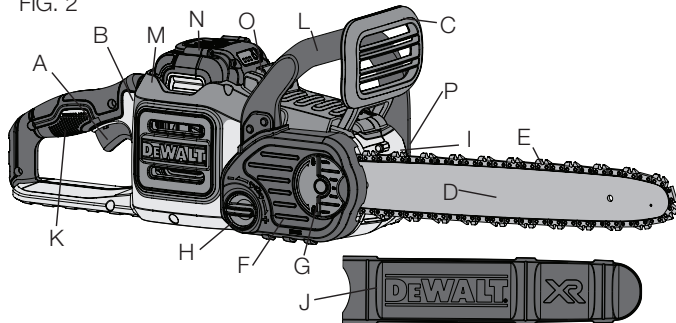
NOTE: Battery packs should not be stored completely depleted of charge. The battery pack will need to be recharged before use.

SAVE THESE INSTRUCTIONS

Components (Fig. 2)

- | | |
|-----------------------------------|---------------------------|
| A. Variable speed trigger switch | I. Oil level indicator |
| B. Lock-off lever | J. Guide bar scabbard |
| C. Chain brake / front hand guard | K. Rear handle |
| D. Guide bar | L. Front handle |
| E. Saw chain | M. Battery housing |
| F. Sprocket cover | N. Battery Pack |
| G. Bar adjust locking knob | O. Battery release button |
| H. Chain tensioning knob | P. Oil cap (not shown) |

FIG. 2



Operation

Installing and Removing the Battery Pack (Fig. 3-4)

⚠ WARNING: Before removing or installing battery, make certain the lock-off lever is engaged to prevent switch actuation.

To install battery pack: Insert battery pack (N) into battery housing (Q) as shown in **figure 3** until fully seated and an audible click is heard. Make sure battery pack is fully seated and fully latched into position.

FIG. 3

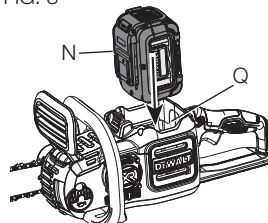
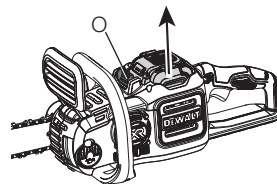


FIG. 4



To remove battery pack: Depress the battery release button (O) in the back of the battery housing and pull battery pack out of tool as shown in **figure 4**.

FUEL GAUGE BATTERY PACKS (FIG. 5)

Some DEWALT battery packs include a fuel gauge which consists of three green LED lights that indicate the level of charge remaining in the battery pack.

To actuate the fuel gauge, press and hold the fuel gauge button (5A). A combination of the three green LED lights will illuminate designating

the level of charge left. When the level of charge in the battery is below the usable limit, the fuel gauge will not illuminate and the battery will need to be recharged.

NOTE: The fuel gauge is only an indication of the charge left on the battery pack. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.

For more information regarding fuel gauge battery packs, please call 1-800-4-DEWALT (1-800-433-9258) or visit our website www.dewalt.com.

Assembly

Installing the Guide Bar and Saw Chain (Fig. 6–8)

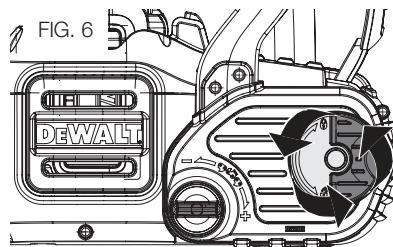
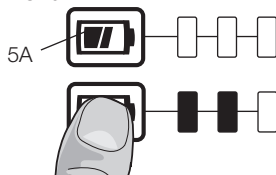
▲ CAUTION: Sharp chain. Always wear protective gloves when handling the chain. The chain is sharp and can cut you when it is not running.

▲ WARNING: Sharp moving chain. To prevent accidental operation, ensure that battery is removed from the tool before performing the following operations. Failure to do this could result in serious personal injury.

The saw chain (E) and guide bar (D) are packed separately in the carton. The chain has to be attached to the bar, and both must be attached to the body of the tool.

- Place the saw on a flat, firm surface.

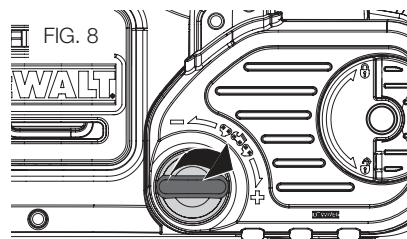
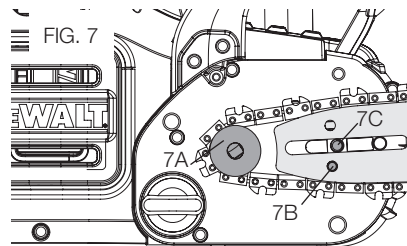
FIG. 5



- Flip up locking lever and rotate the bar adjust locking knob (G) counterclockwise as shown in **figure 6** to remove sprocket cover (F).
- Wearing protective gloves, grasp the saw chain (E) and wrap it around the guide bar (D), ensuring the teeth are facing the correct direction (see **figure 11**).
- Ensure the chain is properly set in the slot around the entire guide bar.
- Place the saw chain around the sprocket (7A). While lining up the slot on the guide bar with chain tensioning pin (7B) and the bolt (7C) on the base of the tool as shown in **figure 7**.

- Once in place, hold the bar still, replace sprocket cover (F). Make sure tool-free tension assembly bolt hole on the cover lines up with the bolt (7B) in the main housing. Flip up locking lever and rotate the bar adjust locking knob (G) clockwise until it clicks, then loosen knob one full turn, so that the saw chain can be properly tensioned.

- Rotate the chain tensioning knob (H) clockwise to increase tension as shown in **figure 8**. Make sure the saw chain (E) is snug around the guide bar (D). Tighten the bar adjust locking knob until it clicks. The bar is secure after three audible clicks are heard. Further tightening is not required.



Adjusting Chain Tension (Fig. 9–10)

⚠ CAUTION: Sharp chain. Always wear protective gloves when handling the chain. The chain is sharp and can cut you when it is not running.

⚠ WARNING: Sharp moving chain. To prevent accidental operation, ensure that battery is removed from the tool before performing the following operations. Failure to do this could result in serious personal injury.

- With the saw on a flat, firm surface, check the saw chain (E) tension. The tension is correct when the chain snaps back after being pulled 1/8 inch (3mm) away from the guide bar (D) with light force from the index finger and thumb as shown in **figure 9**. There should be no “sag” between the guide bar and the chain on the underside as shown in **figure 10**.
 - To adjust saw chain tension, flip up locking tab and rotate the bar adjust locking knob (G) counterclockwise one full turn. Rotate the chain tensioning knob (H) clockwise until the chain tension is correct as instructed above.
 - Do not over-tension the chain as this will lead to excessive wear and will reduce the life of the bar and chain.
 - Once chain tension is correct, securely tighten bar adjust locking knob.
- NOTE:** The bar adjust locking knob has a detent tightening system. The sprocket cover is secure after three audible clicks are heard. Further tightening is not required.
- When the chain is new, check the tension frequently (after removing battery) during the first 2 hours of use as a new chain stretches slightly.

FIG. 9

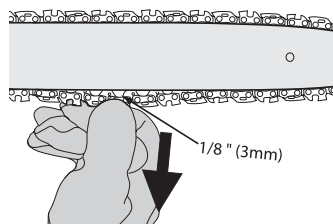
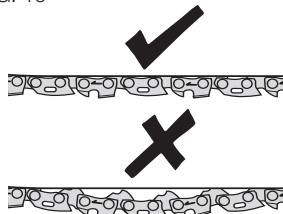


FIG. 10



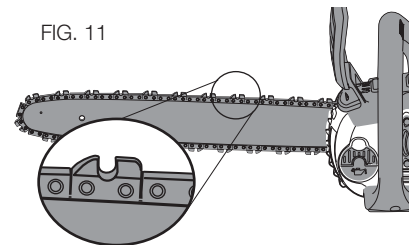
Replacing the Saw Chain (Fig. 11)

⚠ CAUTION: Sharp chain. Always wear protective gloves when handling the chain. The chain is sharp and can cut you when it is not running.

⚠ WARNING: Sharp moving chain. To prevent accidental operation, ensure that battery is removed from the tool before performing the following operations. Failure to do this could result in serious personal injury.

- Flip up locking tab and rotate the bar adjust locking knob (G) counterclockwise to release chain tension.
- Remove sprocket cover (F) as described in “Installing the Guide Bar and Saw Chain” section.
- Lift the worn saw chain (E) out of the groove in the guide bar (D).
- Place the new chain in the slot of the guide bar, making sure the saw teeth are facing the correct direction by matching the arrow on the chain with the graphic on the sprocket cover (F) shown in **figure 11**.
- Follow instructions for “Installing the Guide Bar and Saw Chain.”

FIG. 11



Replacement chain and bar are available from your nearest DeWALT service center.

- DCCS690 requires replacement chain # DWRC1600, service part number 90618541. Replacement 16” bar, service part number 90618542.

Saw Chain and Guide Bar Oiling (Fig. 12)

Auto Oiling System

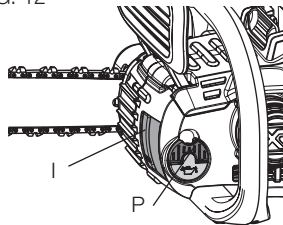
This chain saw is equipped with an auto oiling system that keeps the saw chain and guide bar constantly lubricated. The oil level indicator (I) shows the level of the oil in the chain saw. If the oil level is less than a quarter full, remove the battery from the chain saw and refill with the correct type of oil. Always empty oil tank when finished cutting.

NOTE: Use a high quality bar and chain oil for proper chain and bar lubrication. As a temporary substitute, a non-detergent SAE30 weight motor oil can be used. The use of a vegetable based bar and chain oil is recommended when pruning trees. Mineral oil is not recommended because it may harm trees. Never use waste oil or very thick oil. These may damage your chain saw.

Filling the Oil Reservoir

- Flip down locking lever and unscrew counterclockwise a quarter turn and then remove the oil cap (P). Fill the reservoir with the recommended bar and chain oil until the oil level has reached the top of the oil level indicator (I).
- Refit the oil cap and tighten clockwise a quarter turn. Flip up locking lever to its locked position.
- Periodically switch the chain saw off and check the oil level indicator to ensure the bar and chain are being properly oiled.

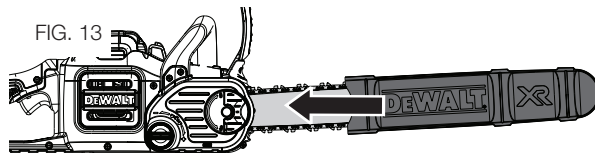
FIG. 12



Transporting Saw (Fig. 13)

- Always remove the battery from the tool and cover the guide bar (D) with the scabbard (J) (figure 13) when transporting the saw.
- Engage chain brake by pushing chain brake / front hand guard (C) forward.

FIG. 13



Operating the Chain Saw (Fig. 14-15)

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

- **Guard Against Kickback which can result in severe injury or death.** See **Important Safety Instructions** “Guard Against Kickback”, to avoid the risk of kickback.
- **Do not overreach. Do not cut above chest height. Make sure your footing is firm.** Keep feet apart. Divide your weight evenly on both feet.
- **Use a firm grip with your left hand on the front handle (L) and your right hand on the rear handle (K)** so that your body is to the left of the guide bar.
- **Do not hold chain saw by front hand guard/ chain brake (C).** Keep elbow of left arm locked so that left arm is straight to withstand a kickback.

▲WARNING: Never use a cross-handed grip (left hand on the rear handle and right hand on the front handle).

▲WARNING: Never allow any part of your body to be in line with the guide bar (D) when operating the chain saw.

- **Never operate while in a tree, in any awkward position or**

on a ladder or other unstable surface. You may lose control of saw causing severe injury.

- **Keep the chain saw running at full speed the entire time you are cutting.**
- **Allow the chain to cut for you.** Exert only light pressure. Do not put pressure on chain saw at end of cut.

▲WARNING: *When not in use always have the chain brake engaged and battery removed.*

On / Off Switch

Always be sure of your footing and grip the chain saw firmly with both hands with the thumb and fingers encircling both handles.

This tool is equipped with a variable speed trigger switch. To turn the unit on, ensure chain brake is not engaged. Push down on the the lock off lever (B), shown in **figure 14**, and squeeze the trigger switch (A). Once the unit is running, you may release the lock off lever. The farther you depress the trigger, the faster it will operate.

In order to keep the unit running you must continue to squeeze the trigger. To turn the unit off, release the trigger.

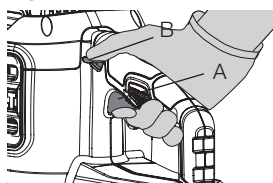
NOTE: If too much force is applied while making a cut the saw will turn off. To restart saw, you must release the lock off lever (b) and the trigger switch (A) before the saw will restart. Begin your cut again this time with less force. Allow the saw to cut at its own pace.

▲WARNING: *Never attempt to lock a switch in the ON position.*

Setting The Chain Brake

Your chain saw is equipped with a motor chain braking system which will stop the chain quickly in case of kickback.

FIG. 14



- Remove the battery from the tool.
- To engage the chain brake, push the chain brake / front hand guard (C) forward until it clicks into place.
- Pull the chain brake / front hand guard (C) towards the front handle (L) into the “set” position as shown in **figure 15**.
- The tool is now ready to use.

NOTE: In the event of kickback, your left hand will come in contact with the front guard, pushing it forward, toward the workpiece. This will stop the tool.

Testing The Chain Brake

Test the chain brake before every use to make sure it operates correctly.

- Place the tool on a flat, firm surface. Make sure the saw chain (5) is clear of the ground.
- Grip the tool firmly with both hands and turn the chain saw on.
- Rotate your left hand forward around the front handle (L) so the back of your hand comes in contact with the Chain brake / front hand guard (C) and push it forward, toward the workpiece. The saw chain should stop immediately.

NOTE: If saw does not stop immediately, stop use of tool and bring it to a DeWalt service center nearest you.

▲WARNING: *Make sure to set chain brake before cutting.*

Common Cutting Techniques (Fig. 16–22)

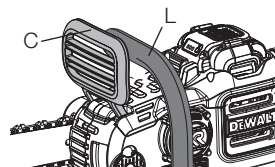
Felling

The process of cutting down a tree. Be sure battery is fully charged before felling a tree so you can finish on a single charge. Do not fell trees in high wind conditions.

▲WARNING: *Felling can result in injury. It should only be performed by a trained person.*

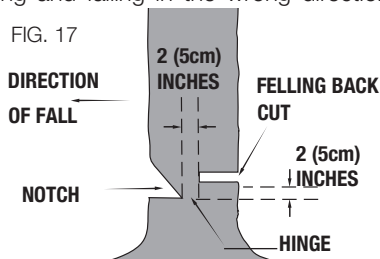
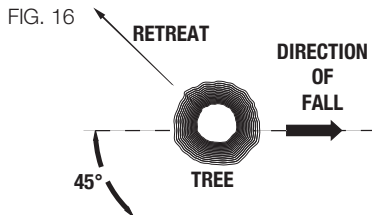
- A retreat path should be planned and cleared as necessary before cuts are started. The retreat path should extend back and

FIG. 15



diagonally to the rear of the expected line of fall. (figure 16)

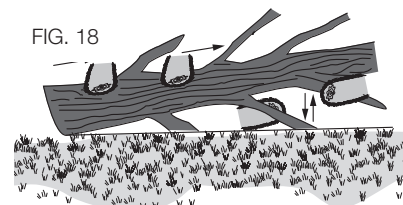
- Before felling is started, consider the natural lean of the tree, the location of larger branches and the wind direction to judge which way the tree will fall. Have wedges (wood, plastic or aluminum) and a heavy mallet handy. Remove dirt, stones, loose bark, nails, staples, and wire from the tree where the felling cuts are to be made.
- Notching Undercut - Make the notch 1/3 of the diameter of the tree, perpendicular to the direction of the fall. Make the lower horizontal notching cut first. This will help to avoid pinching of either the saw chain or the guide bar when the second notch cut is being made (figure 17).
- Felling Back Cut - Make the felling back cut at least 2 inches (51mm) higher than the horizontal notching cut. Keep the felling back cut parallel to the horizontal notching cut. Make the felling back cut so enough wood is left to act as a hinge. The hinge wood keeps the tree from twisting and falling in the wrong direction. Do not cut through the hinge (figure 17).
- As the felling cut gets close to the hinge the tree should begin to fall. If there is any chance that the tree may not fall in the desired direction or it may rock back and bind the saw chain, stop cutting before the felling



cut is complete and use wedges to open the cut and drop the tree along the desired line of fall. When the tree begins to fall remove the chain saw from the cut, stop the motor, put the chain saw down, then use the retreat path planned. Be alert for overhead limbs falling and watch your footing (figure 17).

LIMBING

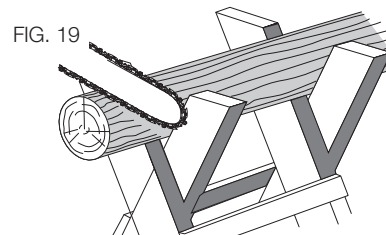
Removing the branches from a fallen tree. When limbing, leave larger lower limbs to support the log off the ground. Remove the small limbs in one cut. Branches under tension should be cut from the bottom of the branch towards the top to avoid binding the chain saw as shown in figure 18. Trim limbs from opposite side keeping tree stem between you and saw. Never make cuts with saw between your legs or straddle the limb to be cut.



Bucking

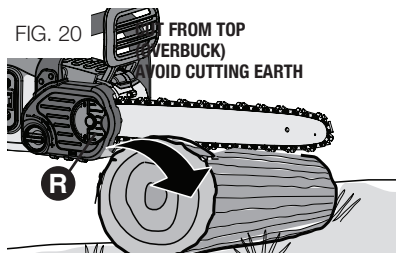
⚠ WARNING: Recommend that first time users should practice cutting on a saw horse.

Cutting a felled tree or log into lengths. How you should cut depends on how the log is supported. Use a saw horse (figure 19) whenever possible.

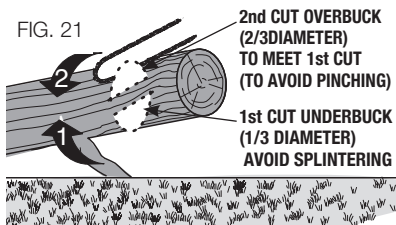


Always start a cut with the chain running at full speed.

- Place the bottom spike (R) of the chain saw behind the area of the initial cut as shown in **figure 20**.
- Turn the chain saw on then rotate the chain and bar down into the tree, using the spike as a hinge.
- Once the chain saw gets to a 45 degree angle, level the chain saw again and repeat steps until you cut fully through.
- When the tree is supported along its entire length**, make a cut from the top (overbuck), but avoid cutting the earth as this will dull your saw quickly.

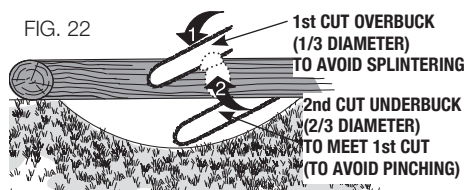


- Figure 21- When supported at one end**
First, cut 1/3 the diameter from the underside (underbuck). Then make the finishing cut by overbucking to meet the first cut.



- Figure 22- When supported at both ends**

First, cut 1/3 down from the top overbuck. Then make the finished cut by underbucking the lower 2/3 to meet the first cut.



- When on a slope** always stand on the uphill side of the log. When “cutting through”, to maintain complete control reduce the cutting pressure near the end of the cut without relaxing your grip on the chain saw handles. Don't 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 cut to cut.

CARE AND MAINTENANCE

Use only mild soap and damp cloth to clean the tool. Do not use solvents to clean the plastic housing of the saw. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

IMPORTANT: To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by a DeWALT authorized service center, always using identical replacement parts.

Regular maintenance ensures a long effective life for your chain saw.

Chain and Bar

After every few hours of use, remove the sprocket cover, guide bar and chain and clean thoroughly using a soft bristle brush. Ensure oiling hole on bar is clear of debris. When replacing dull chains with sharp chains it is good practice to flip the chain bar from bottom to top.

Saw Chain Sharpening

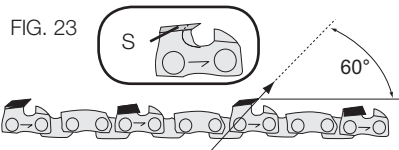
CAUTION: Sharp chain. Always wear protective gloves when handling the chain. The chain is sharp and can cut you when it is not running.

WARNING: Sharp moving chain. To prevent accidental operation, ensure that battery is removed from the tool before performing the following operations. Failure to do this could result in serious personal injury.

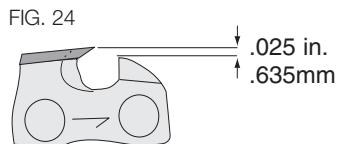
NOTE: The cutters will dull immediately if they touch the ground or a nail while cutting.

To get the best possible performance from your chain saw it is important to keep the teeth of the chain sharp. Follow these helpful tips for proper saw chain sharpening:

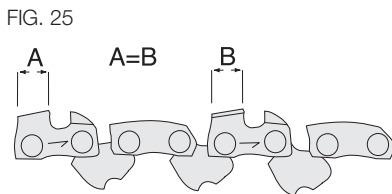
1. For best results use a 4.5mm file and a file holder or filing guide to sharpen your chain. This will ensure you always get the correct sharpening angles.
2. Place the file holder flat on the top plate and depth gauge of the cutter.
3. **Figure 23-** Keep the correct top plate (S) filing angle line of 30° on your file guide parallel with your chain (file at 60° from chain viewed from the side).
4. Sharpen cutters on one side of the chain first. File from the inside of each cutter to the outside. Then turn your saw around and repeat the processes (2,3,4) for cutters on the other side of the chain.



NOTE: Use a flat file to file the tops of the rakers (portion of chain link in front of the cutter) so they are about .025 inch (.635 mm) below the tips of the cutters as shown in figure 24.



5. **Figure 25-** Keep all cutter lengths equal.
6. If damage is present on the chrome surface of the top plates or side plates, file back until such damage is removed.



⚠ CAUTION: After filing, the cutter will be sharp, use extra caution during this process.

NOTE: Each time the chain is sharpened, it loses some of the low kickback qualities and extra caution should be used. It is recommended that a chain be sharpened no more than four times.

Accessories

⚠ WARNING: The use of accessories not recommended in this manual may be hazardous.

Replacement chain and bar are available from your nearest DEWALT authorized service center. For use only with low kick back bar and chain.

- DCCS690 uses replacement chain, service part number 90618541 or Oregon replacement chainsaw chain R56. Replacement 16" bar, service part number 90618542.

Repairs

The charger and battery pack are not serviceable. There are no serviceable parts inside the charger or battery pack.

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustments (including brush inspection and replacement) should be performed by a DEWALT factory service center, a DEWALT authorized service center or other qualified service personnel. Always use identical replacement parts.

Register Online

Thank you for your purchase. Register your product now for:

- **WARRANTY SERVICE:** Registering your product will help you obtain more efficient warranty service in case there is a problem with your product.
- **CONFIRMATION OF OWNERSHIP:** In case of an insurance loss, such as fire, flood or theft, your registration of ownership will serve as your proof of purchase.

- **FOR YOUR SAFETY:** Registering your product will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.

Register online at www.dewalt.com/register.

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

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This Class B digital apparatus complies with Canadian ICES-003.

Three Year Limited Warranty

DEWALT will repair, without charge, any defects due to faulty materials or workmanship for three years from the date of purchase. This warranty does not cover part failure due to normal wear or tool abuse. For further detail of warranty coverage and warranty repair information, visit www.dewalt.com or call 1-800-4-DEWALT (1-800-433-9258). This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

In addition to the warranty, DEWALT tools are covered by our:

1 YEAR FREE SERVICE

DEWALT will maintain the tool and replace worn parts caused by normal use, for free, any time during the first year after purchase.

DEWALT BATTERY PACKS

Product warranty voided if the battery pack is tampered with in any way. DEWALT is not responsible for any injury caused by tampering and may prosecute warranty fraud to the fullest extent permitted by law.

90 DAY MONEY BACK GUARANTEE

If you are not completely satisfied with the performance of your DEWALT Power Tool, Laser, or Nailer for any reason, you can return it within 90 days from the date of purchase with a receipt for a full refund – no questions asked.

LATIN AMERICA: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see country specific warranty information contained in the packaging, call the local company or see website for warranty information.

FREE WARNING LABEL REPLACEMENT: If your warning labels become illegible or are missing, call 1-800-4-DEWALT (1-800-433-9258) for a free replacement.

DCCS690

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CHAINSAW

⚠ WARNING

TO REDUCE THE RISK OF INJURY, USER MUST READ INSTRUCTION MANUAL. USE PROPER EYE AND RESPIRATORY PROTECTION. SHARP MOVING CHAIN. CONTACT OF THE GUIDE BAR WITH ANY OBJECT SHOULD BE AVOIDED. TIP CONTACT MAY CAUSE THE GUIDE BAR TO MOVE SUDDENLY UPWARD AND BACKWARDS, WHICH MAY CAUSE SERIOUS INJURY TO USER. USE BOTH HANDS WHEN OPERATING. DO NOT USE FRONT HAND GUARD AS A HANDLE. DO NOT STAND DIRECTLY UNDERNEATH WORK AREA TO AVOID FALLING LIMBS OR DEBRIS. BE SURE SPRCKET COVER IS PROPERLY INSTALLED BEFORE USE. DO NOT EXPOSE TO RAIN. USE ONLY DEWALT 40V MAX BATTERIES. REMOVE BATTERY WHEN STORING, SERVICING OR TRANSPORTING. STORE BODORS WITH BATTERY REMOVED. SCARBOARD INSTALLED, AND OUT OF THE REACH OF CHILDREN.

English

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TROUBLESHOOTING

Problem	Solution
<i>Unit will not start.</i>	<ul style="list-style-type: none"> • Check battery installation. • Check battery charging requirements. • Check that lock off is fully pushed down prior to moving main trigger.
<i>Unit shuts down in use.</i>	<ul style="list-style-type: none"> • Charge battery. • Unit is being forced. Restart and apply less pressure.
<i>Battery won't charge.</i>	<ul style="list-style-type: none"> • Insert battery into charger until red charging light illuminates. Charge up to 8 hours if battery is totally drained. • Plug charger into a working outlet. Refer to Important Charging Notes for more details. • Check current at receptacle by plugging an appliance. • Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights. • Move charger and appliance to a surrounding air temperature of above 40 °F (4.5 °C) or below 105 °F (40.5 °C).
<i>Bar / Chain overheated.</i>	<ul style="list-style-type: none"> • Refer to “adjusting chain tension” section. • Refer to “chain oiling” section.
<i>Chain is loose.</i>	<ul style="list-style-type: none"> • Refer to “adjusting chain tension” section.
<i>Poor cut quality.</i>	<ul style="list-style-type: none"> • Refer to “adjusting chain tension” section. Note: Excessive tension leads to excessive wear and reduction in life of bar & chain. Lubricate before each cut. Refer to “replacing the chain” section.
<i>Unit runs but does not cut.</i>	<ul style="list-style-type: none"> • Chain could be installed backwards. Refer to sections for installing and removing chain.
<i>Unit does not oil.</i>	<ul style="list-style-type: none"> • Refill oil reservoir. • Clean guide bar, sprocket and sprocket cover. Refer to “care and maintenance” section.